

**BUILDING CODE SUMMARY
FOR ALL COMMERCIAL PROJECTS
(This Information to be copied and placed on drawings)**

1. GENERAL INFORMATION

Name of Project _____

Address _____

Proposed Use _____

Owner or Authorized Agent _____

Phone _____ Fax _____ E-Mail _____

Contractor _____

Address _____

Phone _____ Fax _____ E-Mail _____

State License No _____

2. LEAD DESIGN PROFESSIONAL _____

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

3. GENERAL CODE DATA

3.1 Building and Fire Codes used in design

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 Building Official 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 Yes No. Types _____

Sprinklers Yes No. Partial

System Type 13 13R 13D

Standpipes Yes No. Wet Dry Class
 Combined

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

High Rise Yes No.

Atrium Yes No.

Basement Yes No.

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 Yes No. 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)

Actual Area of Occupancy A + Actual Area of Occupancy B
 Allowable Area of Occupancy A + Allowable Area of Occupancy B ≤ 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

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	Required Rating	UL Number*
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	UL Number*
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: Yes No.
- 1003.2.10 Exit Signs: Yes No.
- 907 Fire Alarm: Yes No.
- 907.2.6.2.3 Smoke Detection Systems: Yes No.
- Panic Hardware: Yes No.

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.)

11. ACCESSIBILITY (Chapter 11)

Design conforms to ANSI Standard 117.1. Yes No.

If no, explain condition that will not allow building to be accessible.

12. DESIGN LOADS

Classification of Building - Category/Use Group _____ (I, II, III, IV)

Live Load

Roof _____PSF

Attic _____PSF

Mezzanine _____PSF

Floor _____PSF

Wind Load: Basic speed _____MPH (3-second gust, ASCE-7-98 Edition)

Exposure _____ Importance Factor _____

Internal Pressure Coefficient _____

Components & Cladding _____

Building will be designed as Enclosed Building Unenclosed Building

Wind Borne Debris Region (1609.2)

This building will use impact resistant glass per 1609.1.4. Yes No.

This building will use wood structural panels per exception 1609.1.4. Yes No.

This building will use shutters. Yes No.

Allowable soil bearing _____ pounds / sq. ft.

Soil Report Yes No.

Earthquake Design

Seismic Design Load Controls Yes No.

If seismic design controls, furnish data required in 1603.1.5.

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.....	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
403 High rise buildings.....	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
404 Atriums.....	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
405 Under Ground buildings	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
406 Motor-vehicle Related Occupancies.....	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
407 Group I-2	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
408 Group I-3	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
409 Motion Picture Projection Rooms.....	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
410 Stages & Platforms.....	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
411 Special Amusement Buildings.....	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
412 Aircraft Related Occupancies.....	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
413 Combustible Storage.....	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
414 Hazardous Materials	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
415 Groups H-1, H-2, H-3, H-4, & H-5	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
416 Application of flammable finishes	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
417 Drying Rooms	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
418 Organic Coatings	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A

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.

15. QUALITY ASSURANCE FOR WIND REQUIREMENTS

I have prepared a quality assurance plan for wind requirements and have included this plan with my permit documents. Yes No.

I have notified the Contractor of his responsibility under Section 1706.3

Yes No.

16 SAFETY GLAZING FOR HAZARDOUS LOCATION

I have identified on drawings where tempered glass is required in hazardous locations. (2406.2) Yes No.

17. PREFABRICATED METAL BUILDINGS

Requirements for metal building erection drawings included on drawings.

Yes No.

18. PRE-ENGINEERED TRUSSES

Live Loads shown _____ Wind Loads shown _____

Certification from manufacturer (Sealed) _____