

Madison County

BUILDING INSPECTION DEPARTMENT

266-A SHIELDS ROAD HUNTSVILLE, ALABAMA 35811

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BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS

(This information to be copied and placed on drawings, or submitted as a supplemental document)

1. GENERAL INFORMATION

Name of Project _____

Address _____

Proposed Use _____

Owner or Authorized Agent _____

Phone _____ Fax _____ E-mail _____

Contractor _____

Address _____

Phone _____ Fax _____ E-mail _____

2. LEAD DESIGN PROFESSIONAL

<i>Designer</i>	<i>Name</i>	<i>License #</i>	<i>Phone</i>
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)

- _____ 2018 International Building Code
- _____ 2018 International Fire Code
- _____ 2018 International Mechanical Code
- _____ 2018 International Plumbing Code
- _____ 2018 International Fuel Gas Code
- _____ 2017 National Electric Code
- _____ 2018 International Swimming Pool and Spa Code
- _____ 2018 International Existing Building Code
- _____ 2015 International Energy Conservation Code (Adopted per AL State Law)
- _____ 2018 NFPA 101 – Life Safety 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 Compliance Alternatives – ICC- 2018 IEBC

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 Inspection if you are not sure whether evaluation is required or not. Include Summary sheet on drawings including applicable calculations.

5. Occupancy Classification

Assembly 303 A-1 A-2 A-3 A-4 A-5
 Business 304
 Education 305
 Factory Industrial 306 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 & Misc. 312
 Parking Garage 406.2 Open 406.3 Enclosed 406.4 Repair 406.6

5.1 Special Occupancy (IBC Chapter 4)

List the specific and applicable details providing compliance with chapter 4

5.2 **Mixed Occupancy-508** ___No ___Yes Separation_____Hr

Exception_____

Identify whether you are using these provisions by placing an “x” below by your design choice.

___Accessory Occupancy (508.2)

___Non-Separated Mixed Occupancy (508.3)

___Separated Mixed Occupancy (508.4)

___Incidental Use Areas (509)

6. ALLOWABLE AREA AND HEIGHT-TABLE 503

6.1 Height and Area increase calculations and Code reference if applicable

MAKE KNOWN THE EQUATION SELECTED AND SHOW YOUR WORK

6.2 Allowable Area

Allowable Height

Allowable area_____ Sq. Ft
Actual area_____ Sq. Ft

Allowable height _____ Ft
Allowable no. of stories_____
Actual building height_____ Ft
Actual no. of Stories_____

4. BUILDING DATA

Construction Type	___ IA	___ IB	___ IIA	___ IIB	___ IIIA
(CH- 6)	___ IIIB	___ IV	___ VA	___ VB	
Mixed Construction	___ No	___ Yes	Types_____		
Sprinklers	___ No	___ Yes	___ Partial		
System Type	___ 13	___ 13R	___ 13D		
Standpipe (905)	___ No	___ Yes	___ Wet	___ Dry Class	___ Combined
Building Height	___ Feet	___ No. of Stories	___ Unlimited per_____		
Mezzanine:	___ No	___ Yes			
High Rise	___ No	___ Yes			
Atrium	___ No	___ Yes			
Basement	___ No	___ Yes			

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
Interior Walls	_____	_____	_____
Bearing	_____	_____	_____
Non-bearing	_____	_____	_____
Ceiling-Floors	_____	_____	_____
Beams	_____	_____	_____
Columns	_____	_____	_____
Ceiling-Floors	_____	_____	_____
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.

8.3.1 Distance to Property Line from Exterior Wall (Table 602) (Site Plan/Reference Plan required)

Fire Separation Distance _____ Ft
 Fire Resistance Rating _____ Hrs

8.3 Draftstopping

Compliance notes for Chapter 718 please show compliance with the plan and list here the page references.

Draft-stopping in floor (718.3) _____ Yes _____ No
Draft-stopping in attic (718.4) _____ Yes _____ No

7. OCCUPANT LOAD (Chapter 10)

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.

8.4 Life Safety Systems

IBC Section

1008	Emergency Lighting:	_____ No	_____ Yes
1013	Exit Signs:	_____ No	_____ Yes
907	Fire Alarm:	_____ No	_____ Yes
907	Smoke Detection Systems:	_____ No	_____ Yes
1010.1.10	Panic Hardware:	_____ No	_____ Yes

9. EXIT REQUIREMENTS

9.1 Exit Access (1013 & Table 1018.1)

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

9.2 Means of egress width (1015 & Table 1005.1)

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 1014.2.1 & 1014.2.2 _____ Yes _____ No

9.4 Travel Distance (Table 1017)

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

15. SAFETY GLAZING FOR HAZARDOUS LOCATION

I have identified on drawings where safety glazing is required to be installed.

(2406) Yes _____ No _____

17. PREFABRICATED METAL BUILDINGS (Chapter 22)

Requirements for metal building erection drawings included on drawings _____

_____ I confirm that the prefabricated metal building drawings are sealed by a licensed Alabama Professional Engineer (PE).

_____ The engineered prefabricated metal building drawings contain the foundation drawings.

_____ The engineered prefabricated metal building drawings do not contain the foundation drawings, but the drawings have been prepared by a separate P.E. and are included with the plan set for this project.

18. PRE-ENGINEERED WOOD PRODUCTS (non-nominal lumber specifications)

All corresponding documentation provided _____ (Yes/No)

Layout for all locations provided _____ (Yes/No)

Live Loads shown _____

Wind Loads shown _____

Certification from manufacturer (Sealed) _____ (Date)

Wood Truss Type and Locations _____

Built up beams, post, girders, headers, etc. included _____ (Yes/No)

19. FIRE DEPARTMENT REQUIREMENTS

Required water supply _____ gpm @ psi (per Architect/Engineer)

(The Insurance Office [ISO] method; the Iowa State University [ISU] method; the Illinois Institute of Technology Research Institute method, or the 2018 International Fire Code Table B 105.1)

Note which method is used: _____

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 may require permitting by the Fire Marshall's Office.

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.

Application is hereby made for a building review to accomplish the work as herein described in accordance with duplicate plans and/or specifications submitted herewith. It is agreed that all corrections in plans and/or specifications necessary for compliance shall be observed and all requirements of the building code, and all other pertinent laws and ordinances of the Madison County regulating construction shall be complied with in pursuit of this work wither or not specified herein.

I hereby certify to the best of my knowledge the information contained herein is true and correct. Any willful falsification of information in this application may be grounds for refusal to issue a building permit.

Signature of Applicant: _____ Date: _____
CONTRACTOR/OWNER/DESIGNER