

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				
Address				
Phone	Fax	E-Mail		
Authorized Agen	t			
Address				
Phone	Fax		E-Mail	
Contractor				
Address				
Phone	Fax		State License No	
2. LEAD D	ESIGN PROFESSI	ONAL		
Designer	Name		License #	Phone
	Name			THORE
Civil				
Eine Alenne				
Sprinkler-Standp	ipe			
	1			
Letter of Supervis	sion Provided	Yes	No	

2.1 Special Inspections – IBC Section 1704

Building Permit Requirements: The permit applicant shall submit a statement of Special Inspections prepared by the Registered Design Professional in charge and in accordance with IBC Section 107.1. As a condition for permit issuance, this statement shall include a list of materials and work requiring special inspections by this Section, 1704.3, the inspections to be performed, list of individuals, approved agencies and firms intended to be retained for conducting such inspections.

____Yes ____No

If no, explain _____

2.2 STATEMENT OF SPECIAL INSPECTIONS

PROJECT NAME:
PROJECT ADDRESS:
PERMIT NUMBER:
PERMIT APPLICANT:
PERMIT APPLICANT ADDRESS:
OWNER:
OWNER ADDRESS:
REGISTERED DESIGN PROFESSIONALS:
ARCHITECT:
GEOTECHNICAL ENGINEER:
STRUCTURAL ENGINEER:
MECHANICAL ENGINEER:
ELECTRICAL ENGINEER

A Statement of Special Inspections shall be submitted as a condition for the issuance of a permit in accordance with the International Building Code, Chapter 17. The Statement of Special Inspections shall include a Schedule of Special Inspections for the above-referenced project, as well as identify the individuals, agencies, or firms intended to be retained for conducting the Special Inspections.

The Special Inspector (s) shall keep records of all inspections and shall furnish interim inspection reports to the building official and to the registered design professional in responsible charge and at a frequency agreed upon by the permit applicant and building official prior to the start of work. Discrepancies shall be brought to the immediate attention of the contractor for correction. If the discrepancies are not corrected, the discrepancies shall be brought to the attention of the building official and the registered design professional in charge prior to the completion of that phase of the work. A Final Report of Final Inspections documenting required Special Inspections and correction of any discrepancies noted in the inspections shall be submitted by each agent at the completion of that phase of work.

The minimum frequency of interim report submittals shall be not less than:

□ Monthly	□ Bi-Monthly	Upon completion	Per Attached
Schedule			

The Special Inspection Program does not relieve the Contractor of the responsibility to comply with the Contract Documents. Jobsite safety, means and methods of construction are solely the responsibility of the Contractor.

Owner's Signature	Date
Building Official Signature	Date

2.3 SCHEDULE OF SPECIAL INSPECTIONS

SPECIAL INSPECTIONS SCHEDULE						
CODE SECTION	SPECIAL	INSPECTION	REQUIRED		FREQUENCY OF INSPECTION	
	INSPECTOR INSPECTION	YES	NO	CONTINUOUS	PERIODIC	
1705.2		STEEL CONSTRUCTION				
1705.3		CONCRETE COSTRUCTION				
1705.4		MASONRY CONSTRUCYION				
1705.5		WOOD CONSTRUCTION				
1705.6		SOILS				
1705.7		DRIVEN DEEP FOUNDATIONS				
1705.8		CAST-IN-PLACE DEEP FOUNDATIONS				
1705.9		HELICAL PILE FOUNDATIONS				
1705.10		WIND RESISTANCE				
1705.11		SEISMIC RESISTANCE				
1705.12		TESTING & QUALIFICATION FOR SEISMIC RESISTANCE				
1705.13		SPRAYED FIRE-RESISTANT MATERIALS				
1705.14		MASTIC AND INTUMESCENT FIRE RESISTANT COATINGS				

SPECIAL INSPECTIONS SCHEDULE CONT.							
CODE SECTION	SPECIAL	INSPECTION	REQUIRED		FREQUENCY OF INSPECTION		
	INSPECTOR		YES	NO	CONTINUOUS	PERIODIC	
1705.15		EXTERIOR INSULATION & FINISH SYSTEMS					
1705.16		FIRE RESISTANT PENETRATIONS & JOINTS					
1705.17		SMOKE CONTROL					

3. GENERAL CODE DATA

3.1 Building and Fire Codes used in design (Check all that apply)

- ____2012 International Building Code
- 2014 National Electrical Code
- 2012 International Mechanical Code
- 2012 International Residential Code
- 2012 International Residential Code
- ASHRAE 90.1
- _____2012 International Plumbing Code
- _____2012 International Property Maintenance Code
- _____2012 International Fire Code
 - ____2012 International Existing Building Code
- _____ International Energy Conservation
 - (Latest Edition Code Adopted by State of Alabama)

3.2 Construction Description

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

 Alteration
 Addition
 Change of Occupancy

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Scope of Work - Building: _____

Scope of Work - Electrical: _____

Code Administration Government Plaza 205 Government St., 3rd Floor, South Tower – Mobile AL 36644 Ph: 251.208.7198 Fax: 251.208.7023

Scope of Work - Mechanical:
Scope of Work - Plumbing:
Scope of Work – Energy Conservation:
Scope of Work - Fire:
3.3 Existing Buildings
The building will remain in operation during constructionYesNo
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.
3.4 Renovations
Is the work in this building or space a change of occupancy?YesNo
3.5 Historic buildings
This building is a Historic BuildingYesNo

3.6 Compliance Alternatives- (IBC Section 3412)

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 (Tables in 3412) on drawings including applicable calculations.

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4. BUILDING DATA

Construction Type	IA IIIB	IB IV	IIA VA	IIB VB	IIIA
Mixed construction	No	Yes	Types		
Sprinklers System Type		Yes 13R	Partial 13D		
Standpipes	No	Yes	WetI	Dry Class C	Combined
Building Height	Feet	Number	of Stories	Unlimited (II	BC 507)
Mezzanine:	No	Yes			
High Rise	No	Yes			
Atrium	No	Yes			
Basement	No	Yes			

5. OCCUPANCY CLASSIFICATION

Assembly 303A-1A	A-2A-3A-4A-5
Business 304	
Education 305	
Factory Industrial 306 F-1	F-2
High-Hazard 307H-1	H-2 H-3 H-4 H-5
Institutional 308I-1	I-2 I-3 I-4 Condition
Mercantile 309	
Residential 310R-1R-2	
	High-piled
Utility and Miscellaneous 312	
Parking Garage 406.2 Open 406.3	Enclosed 406.4 Repair 406.6

5.1 Occupant Load

Occupant Load/Occupancy Type = _____ Total _____ **Note:** Include occupant load calculations for the following types of projects: assembly, educational, institutional, large complex projects, mixed occupancies, multi-story projects.

5.2 Special Occupancy: 406 and 509

Parking Garage 406.2 ____ Open 406.3 ____ Enclosed 406.4 ____ Repair 406.6
S-2 Enclosed Parking Garage w/ S-2 open parking above 510.3
Parking Beneath R 510.4 ____ R-1 ____ R-2 Construction Type _____ IIA ____ III A
Open parking beneath A, I, B, M and R 510.7
S-2 enclosed parking with A, B, M or R

5.3 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 (508.3)

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 (508.4)

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 508.4** 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 (Table 508.2.5)

<u>Actual Area of Occupancy A</u>	+ <u>Actual Area of Occupancy B</u>
Allowable Area of Occupancy A	Allowable Area of Occupancy $B \leq 1$

6. ALLOWABLE BUILDING AREAS AND HEIGHTS (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. FIRE PROTECTION REQUIREMENTS

7.1	Building Element			Req'd Rating	UL No.*
St	tructural frame, colu	mns, girder	s, trusses		
	earing Walls Exterior	-			
B	earing Walls Interior				
Ν	on-bearing walls and	partitions	Exterior		
	on-bearing walls and	-			
Fl	loor Construction: su	pporting be	ams and joist	S	
R	oof construction		Ū.		
	(Including supporti	ing beams a	nd joists)		
S	prinkler Systems	Yes	No	Partial	
		13	13R	13D	
St	andpipes	Yes	No	Wet	Dry Class
Fi	re/Smoke Alarm	Yes	No		-

7.2 Fire Rated Elements

Fire Element	Required	UL* Hourly Rating	Number
Interior Walls			
Bearing			
Non-bearing			
Ceiling-Floors			
Beams			
Columns			
Ceiling-Roofs			
Shafts-Exit			
Shafts-Other			
Corridor Separation			
Occupancy Separatio	n		
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. Reproduce full UL. or other approved agencies details or reproductions of rated assemblies/penetrations on the drawings.

7.3 Draftstopping

Draftstopping in floor (718.3) ____ Yes ____ No

Draftstopping in attic (718.4) ____ Yes ____ No

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

Fire Separation Distance _____ Ft Fire Resistance Rating _____ Hrs

7.5 Life Safety Systems

Emergency Lighting:	No	Yes
Exit Signs:	No	Yes
Fire Alarm:	No	Yes
Smoke Detection Systems:	No	Yes

8. EXIT REQUIREMENTS

8.1 Exit Access

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

8.2 Means of egress width (1005)

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

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

8.3 Diagonal Rule (1015.1)

Meets 1015.2.1 ____ Yes ____ No

8.4 Travel Distance (Table 1016.1)

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

8.5 Spaces with one means of egress (1015)

For buildings with one means of egress, I have checked the occupant load and the common path of travel against the requirements of IBC 1015. ____ Yes ____ No.

9. LIFE SAFETY PLAN

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

10. ACCESSIBILITY (Chapter 11)

Design conforms to IBC Chapter 11 ICC A117.1-2009 . ____Yes ____No If no, explain condition that will not allow building to be accessible.

10.1 ACCESSIBLE PARKING

 Total Parking Spaces _____

 Total Accessible Parking Spaces _____

 Total Accessible Van Parking ______

11. DESIGN LOADS

Ultimate Design Wind Speed Maps in accordance with 1109 or ASCE 7-10

_____ Risk Cat. I – 145 mph _____ Risk Cat. II – 159 mph _____ Risk Cat. III & IV – 169 mph

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

Live Load Roof _____ PSF Attic _____ PSF Mezzanine _____ PSF Floor _____ PSF

Wind Borne Debris Region (1609.1.2)

This building will use impact resistant glass per 1609.1.2. ____ Yes ____ No

This building will use wood structural panels per exception 1609.1.2. ____ Yes ____ No

This building will use shutters. Yes ____ No

Load-Bearing Values of Soils (1610)

Allowable soil bearing_____ pounds / sq. ft. Soil Report ____ Yes ___ No.

Earthquake Design (1613)

Seismic Design Load Controls _____ Yes ____ No If seismic design controls, furnish data required in 1603.1.5.

12. 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

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(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

13. FLOOD REQUIREMENTS (IBC 1612)

All projects located in a Special Flood Hazard Area shall comply with the City of Mobile Storm Water Management and Flood Control Ordinance.

13.1 Special Flood Hazard Area

____Yes ____No

 13.2
 Flood Zone

 Base Flood Elevation (BFE) _____

 Minimum Finish Floor Elevation (MFFE) ______

13.3 Flood proofing Requirements

____Yes ____No

13.4 Flood Proofing Certificate provided

____Yes ____No

13.5 Flood Proofing Plan included _____ Yes _____ No

13. FLOOD REQUIREMENTS (IBC 1612) CONT.

13.6 Flood Openings Requirements

____Yes ____No

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Total net area of flood openings	
No. of flood openings	

13.7 Comments _____

*14. QUALITY ASSURANCE FOR WIND REQUIREMENTS (IBC 1705.10)

I have reviewed the requirements of IBC Section 1705 and my design incorporates the requirements of this Section of the Code and is reflected on the drawings and in the specifications.

I have notified the Contractor of his responsibility under Section 1704.

*Contractor's Signature:

At time of permitting

15. SAFETY GLAZING FOR HAZARDOUS LOCATION

I have identified on drawings where tempered glass is required in hazardous locations. (2406.3) ____Yes ____No

16. **PREFABRICATED METAL BUILDINGS**

Requirements for metal building erection drawings included on drawings

17. PRE-ENGINEERED TRUSSES

Live Loads shown _____ Wind Loads shown _____ Certification from manufacturer (Sealed) _____

18. FIRE DEPARTMENT REQUIREMENTS

18.1 Required water supply _____ gpm @ psi (per Architect/Engineer) (The Insurance Service Office (ISO) method; the Iowa State University (ISU) Method; the Illinois Institute of Technology (IIT) Research Institute Method), or the 2012 International Fire Code.

18.2 Hydraulic calculations for fire hydrant systems shall be submitted to the Fire Department for review and approval prior to construction.

____Yes ____No

18.3 *Timing of Installation*. Fire apparatus access roads and a water supply for fire protection shall be installed and made serviceable prior to and during the time of construction.

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_Yes

__No

18.4 Knox Key Box is required for all commercial occupancies with fire alarm and fire protection systems and all commercial occupancies requiring a certificate of occupancy inspection.

____Yes ____No

19. ENERGY CODE REQUIREMENTS

19.1 Energy Requirements:

The following data shall be considered minimum and any special attribute required to meet the energy code shall also be provided. Each Designer shall furnish the required portions of the project information for the plan data sheet. If performance method, state the annual energy cost for the standard reference design versus annual energy cost for the proposed design.

19.2 Climate Zone: 2 - Mobile, Alabama

19.3 Method of Compliance:

Prescriptive (International Energy Conservation Code – (Latest edition adopted by State)) _____ Building Envelope Requirements Building Mechanical Systems Service Water Heating Electrical Power & Lighting System Prescriptive (ASHRAE 90.1) _____ UA Trade-Off (need signed COMcheck calculations or other approved software) _____ Performance (International Energy Conservation Code) _____

Performance (ASHRAE 90.1) _____

20. ELECTRICAL CODE REQUIREMENTS

20.1 Electrical Work _____Yes ____No (If no, submit a Letter of Supervision indication electrical is not included in scope of work.)

20.2	Riser Diagram included	Yes	No
20.3	Panel Schedules	Yes	No
20.4	Light Fixture Schedule	Yes	No
20.5	Service Location	Yes	No
20.6	Panel Location	Yes	No

21. MECHANICAL CODE REQUIREMENTS

21.1 Provide complete floor plan of mechanical layout (ductwork, a/c units, air-handlers, etc.) _____Yes _____No

21.2	Manufacturer's specifications. Yes No
21.3	HVAC equipment schedules. Yes No
21.4	HVAC clearances Yes No
21.5	EER ratings for cooling capacity Yes No
21.6	Permanent roof access location, (if required) Yes No
21.7	Outside air ventilation calculations, (ASHRAE 62-2012) Yes No
21.8	Verify rated walls/ceilings with in building Yes No
21.9	Printout of heating and cooling load calculations, (manual J) Yes No
21.10	Dryer vent length and location, (if applicable) Yes No
22. RESTA	URANTS/BUILDINGS USING COOKING EQUIPMENT
22.1	Kitchen equipment schedule Yes No
22.2	Ventilation calculations shown on drawings Yes No
22.3	Cooking and ventilation equipment specifications Yes No
22.4	Exhaust outlet discharge clearances Yes No
22.5	Hood clearances from combustibles.
22.6	Exhaust duct materials and construction type Yes No
22.7	Exhaust duct layout diagram shown Yes No

23. PLUMBING REQUIREMENTS

- 23.1 Plumbing Work ____ Yes ____ No (If no, submit a Letter of Supervision indication plumbing is not included in scope of work.)
- 23.2 Riser Diagram included ____ Yes ____ No

23. PLUMBING REQUIREMENTS CONT.

23.3 Fixture Schedule included Yes No

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23.4 Public Sewer

____Yes

____ No

23.5 Total Number of Required Fixtures:

IPC TABLE 403.1 TOTAL NUMBER OF REQUIRED FIXTURES													
	OCCUPANCY OCCUPANT	WATER CLOSETS		LAVATORIES		D.RINKING FOUNTAIN.	SERVICE SINK	MISC.	MISC				
	OCCUTANCI	LOAD	RATIO	MEN	RATIO	WOMEN	RATIO	MEN	WOMEN				
REQUIRED													
TOTAL													

END OF BUILDING CODE SUMMARY