IREDELL COUNTY DEVELOPMENT SERVICES BUILDING STANDARDS DIVISION

PHONE: 704-928-2021 FAX: 704-878-3122 PO BOX 788 STATESVILLE, NC 28687 349 NORTH CENTER ST. STATESVILLE, NC 28677

INFORMATION PACKET FOR COMMERCIAL PROJECTS

PLAN REVIEW & PERMITTING GUIDELINES
COMMERCIAL PLAN REVIEW APPLICATION
STAFF DIRECTORY
INFORMATION SHEET
FEE SCHEDULE

Iredell Building Standards Division Plans Review Section

Commercial Plan Review is mandatory. Residential plan review is not mandatory, however we reserve the right to review residential plans as needed.

In an effort to eliminate confusion and maximize time utilization, the Plans Review Section has prepared this document about the plans review process for commercial projects. The following is a list of things that must be done prior to the issuance of a building permit.

- I) Per the North Carolina Sedimentation Pollution Control Act any construction that will disturb more than an acre of land (or half an acre in a watershed) requires a soil erosion and sedimentation control plan. The Erosion Control Division in the Planning & Development Department must approve these plans. This office can be reached by phone at (704) 832-2352 extension 2352. Please note, in all cases sediment control is required.
- II) Zoning approval must be obtained from the proper zoning authority. The following is the list of zoning authorities in Iredell County:

Iredell County Planning Department 349 North Center St. P.O. Box 788 Statesville, NC 28687 Phone: (704) 878-3118.

Mooresville Zoning/Planning Department 413 North Main St.
Mooresville, NC 28115
Phone: (704) 662-7040

Statesville Zoning 301 South Center St. P. O. Box 1111 Statesville, NC 28687 Phone: (704) 878-3575

Troutman Zoning 400 North Eastway Dr. Troutman, NC 28166 Phone: (704) 528-7600 III) The proper authority must approve water Delivery and Sewer Removal plans. A list of the proper authorities follows:

Iredell County Environmental Health 349 North Center St. Statesville, NC 28677 Phone: (704) 878-5305

Mooresville Public Works Department 422 West Moore Ave. Mooresville, NC 28115 Phone: (704) 663-3800

Statesville Public Works 301 South Center St. P. O. Box 1111 Statesville, NC 28677 Phone: (704) 878-3552

Troutman Water/Sewer Department 400 North Eastway Dr.
Troutman, NC 28166
Phone: (704) 528-7600.

Iredell Water Corporation 571 Jennings Rd. PO Box 711 Statesville, NC 28687

Phone: 704-876-0672 ext. 16

IV) Please submit one set of plans to the Iredell County Health Department: Food and Lodging Personnel for the following establishments:

Summer Camps.

Hospitals, Nursing and Rest Homes, etc.

Residential Care Facilities

Public Swimming Pools and Bath Houses

Restaurants and other Food Handling Establishments

Meat Markets

Child Day Care Facilities.

Contact Iredell County Health Department, Phone (704) 878-5305 extension 4485.

Also, Hospitals, Schools, Nursing and Rest Homes are subject to licensure, plans review and inspection by the North Carolina Department of Human Resources – Division of Facility Services, 701 Barbour Drive, P. O. Box 29530, Raleigh, N. C. 27626-0530, Phone (919) 733-2420, Fax (919) 733-6592.

- V) Day Care Facilities are subject to licensure and inspections by the North Carolina Department of Health and Human Services Division of Child Development, P. O. Box 29533, Raleigh, N. C. 27626-0553, Phone (919) 662-4527, Fax (919) 622-4568.
- VI) The North Carolina Department of Insurance: Engineering Division must review and approve plans for buildings in the following categories¹: (new construction & additions)

High Rise All Buildings Covered Mall Buildings All Buildings

Group E-Educational Over 2 stories or over 20,000 sq. ft. per story Group I-Institutional Over 3 stories or over 10,000 sq. ft. per story

Group A-Assembly Occupant load over 1,000
Group H-Hazardous Occupant load over 100

State buildings All Buildings 10,000 sq. ft. or greater City or County buildings All Buildings 10,000 sq. ft. or greater

Residential Over 4 stories or over 100 units per building

Note: These plans should be submitted to the North Carolina Department of

Insurance – Engineering Division, P. O. Box 26387, Raleigh, N. C. 27611,

Phone (919) 661-5880

VII) Commercial projects are subject to review and inspections for compliance with the Fire Code by the appropriate Office having jurisdiction. A set of plans must be delivered to the appropriate office. A list of these offices follows:

Mooresville Fire Marshal 413 North Main St. Mooresville, N. C. 28115 Phone (704) 664-1338

Statesville Fire Marshal 227 South Center St. Statesville, N. C. 28677 Phone (704) 878-3425

Iredell Building Standards 349 North Center St. P. O. 788 Statesville, N. C. 28687 Phone (704) 928-2010

Iredell County Building Standards provides fire plan review and inspections on all projects within the County's jurisdiction, which require building permits, with the exception of the portion of the projects which require performance testing such as fire sprinkler systems, fire alarm systems, fire suppression systems, etc. The plans for these systems and portion of the project will be reviewed and inspected by the Iredell County Fire Marshal. All projects will

¹ These categories were taken from the North Carolina State Building Code Vol. 1-A Table 602.

require submittal of two (2) Sets of plans to Code Enforcement. Separate plan submittals to the Iredell County Fire Marshal's office are only required for projects which require performance testing such as fire sprinkler systems, fire alarm systems, fire suppression systems, etc. Please submit the plans for those systems for their review and approval. Request for inspections on these systems should also be directed to the Iredell County Fire Marshal who will be responsible for providing those inspections. All other activities which require fire permits per the NC Fire Code which are independent of the requirements for building permits will be handled by the Iredell County Fire Marshal

Iredell County Fire Marshal 349 North Center St. P. O. 788 Statesville, N. C. 28687 Phone (704) 878-3035

VIII) The Iredell County Department of Code Enforcement – Plans Review Section, per the North Carolina State Building Code Vol. I-A section 302, requires two (2) copies of drawings and specifications for all commercial projects. Please submit one (1) additional set of these plans to the appropriate Fire Marshal's office if the project is located within the jurisdiction of the Mooresville or Statesville Fire Marshal. These must be scale drawings with sufficient clarity and detail to indicate the nature and character of the proposed work, including site, architectural, plumbing, mechanical, electrical and sprinkler plans. Please note additional data may be required, per section 302.2 of vol. I-A of the North Carolina State Building Code. Also, a design professional's seal and signature are generally required, for all drawings, for all commercial projects. This requirement is subject to the exceptions listed in section 302.4 subparagraphs 1 –7 of Vol. I-A of the North Carolina State Building Code. The plans should be delivered to a code clerk at the permit window. Additionally, the Plans Review Section requests, when possible, a copy of the drawing on computer disks (3.5" or CD-ROM) for review and an as built drawing for archival purposes. Please note that this office understands the need for fast track building projects, however the department's storage space is very limited, therefore the department asks that a full set of plans be submitted (when they become available) so that we can eliminate the storage of multiple sets of incomplete plans. Plans will be disposed of six (6) months after receipt if permits have not been obtained.

Also, note that failure to secure proper approvals and to follow these guidelines will result in delays in the review process and in the processing of permit applications.



Iredell County Development Services BUILDING STANDARDS DIVISION

349 North Center St. Phone 704-928-2021

PO Box 788

Statesville, NC 28687 Fax 704-878-3122

Plan Review Application and Checklist

Please provide all of the following information

Project/Owner Name:
Project Description:
Project Location/Address:
Total (Gross) Area of the Building (Sq Ft):
Construction Value:
Contractor Name:
Contractor Address:
Contractor License Number:
Design Contact Person:
Fax Number or E-Mail address:
All of the following documents must be submitted before we can begin the plan review process. 2 complete sets of all design documents, properly sealed, signed and dated are required.

- Zoning Approval
- □ Building Code Summary Sheet (Appendix "B")
- □ Site Plan Drawings
- □ Foundation Plan Drawings
- □ Structural and/or Metal Building Drawings
- Architectural Floor Plan Drawings
- Plumbing, Mechanical and Electrical Drawings

A separate plan review fee of \$.06 per gross sq. ft. must be paid at the time of submittal. The <u>minimum plan</u> review fee is \$77.25. Plans will not be reviewed until the fee is received.

BUILDING STANDARDS

MISSION STATEMENT

To provide the services necessary to protect the lives & safety of the citizens of Iredell County in a professional and courteous manner, through the enforcement of the North Carolina State Building Codes and associated State and Local Regulations.

Building Standards

Office Hours 8:00 AM - 5:00 PM

Phone: (704) 928-2021 Fax: (704) 878-3122

Selectron Interactive Voice Response System

704-878-3124 Schedule Inspections Cancel Inspections Obtain Results

Iredell Building Standards Web Site

www.co.iredell.nc.us

www.co.iredell.nc.us/234/Building-Standards-Division

Schedule Inspections
Review Project and Obtain Inspection Results
Print Certificates of Occupancy
Information

Street Address 349 North Center Street Statesville, NC 28677

Mailing Address PO Box 788 Statesville, NC 28687

Directions:

From I 40 take exit 150 (Hwy 115).

Go South on Hwy 115 (North Center St.) toward downtown Statesville.

Go approximately one (1) mile and turn right at the Iredell County Building Standards Center,

349 North Center Street, Statesville, NC 28677

Building Standards Administrative Staff

Mr. Lynn S. Niblock Master Code Professional Professional Energy Manager CBO, CECO, CMCO, CPCO

Director of Development Services 704-878-3120 Robby Wilkinson, Building Standards Manager 704-928-2016 ext. 4537 Lorrie Moore, Administrative Assistant 704-928-2016 ext. 2016 Fax: 704-878-3122

Commercial Plan Review Staff

Bruce Kuete, Plans Examiner Coordinator/Data System Administrator 704-928-2021 ext. 5434
Tracee Stikeleather, Administrative Specialist 704-928-2021 ext. 2021
Walter McGervey, Plans Examiner 704-928-2021 ext. 3174
Daniel Poole, Plans Examiner 704-928-2021 ext. 3119
Fax: 704-878-3122

Field Inspectors

Melvin Baxley	704-902-8946	Bradley Nicholson	704-437-7039
Jeff Chuby	704-437-7158	Darin Oxentine	704-902-0896
Rick Cline	704-902-1184	Martin Perry	704-902-2005
Jack Harwell	704-902-0898	Wesley Steele	704-902-0895
Gerald Johnson	704-902-0888	Steve Tisi	704-902-3087
Dana Lapish	704-902-0892	Randy Trivette	704-902-0893
Jimmy Meadows	704-902-4486	Gary Wright	704-883-2989
Rob Moose	704-902-0891		

Please contact the inspectors only when necessary to co-ordinate inspections or with specific project related questions. It decreases their response time and efficiency if they have to spend too much time on the phone. Please remember we do not schedule times to perform inspections nor do the inspectors schedule inspections. It is the contractor's responsibility to request/schedule all required inspections.

INFORMATION SHEET

INSPECTION REQUEST

A request for an inspection prior to our cut off time of 11:00 pm. may be scheduled for the following workday. Our workweek is Monday-Friday 8:00 am -5:00 p.m. except holidays. Requests made after the cut off time, or holidays may be scheduled for the second workday. We do not schedule appointments for inspections. To prevent wasted trips and subsequent Re-inspection charges please follow the following guidelines:

- 1. Do not request an inspection unless all required work is complete.
- 2. Do not request an inspection unless all required prior approvals are complete.

We normally perform all requested inspections within three workdays unless there is a problem with the request. If our personnel have not completed your requested inspection within two working days please contact our office @ 704-878-3113 to determine why the inspection has not been made. If you have an emergency or extenuating circumstances please contact our office.

PLEASE REMEMBER

- By State Law permits are void if work is not started within six months of the issuance of a permit, or if work is discontinued for a period of twelve months or more after work commences.
- Wasted trips due to work not being ready, buildings locked, etc. are subject to a Re-inspection fee.
- It is the contractor's responsibility to request the required inspections at the proper times and to make sure that they are approved before proceeding to the next phase of the project.
- Work concealed without the proper approvals from our department will be exposed to the extent necessary for the proper inspections to be made, at the contractor's expense.
- Job cards must be displayed conspicuously on the job site. Inspections <u>will not</u> be performed if the job cards are not properly posted. The job cards are the only way our personnel can be sure they are at the right location.
 - Footings, which meet the requirements of Vol. VII of the NC State Building Codes, are required for underpinning on mobile homes when the wall exceeds 40". These footings must be inspected prior to pouring.
 - Post your street address numbers before requesting the final building/CO inspection. The address numbers must be present for a CO to be issued.
 - Masonry underpinning and foundation footings are required on all multi-section Manufactured (mobile) Homes. These footings must be inspected prior to pouring. In addition the piers must be laid with mortar or be covered with a structural bonding product such as sure wall.
 - Residential piers require plans sealed by an Engineer registered in NC.

With our Selectron Interactive Voice Permit System (IVR) 704-878-3124 You can:

Schedule Inspections

Obtain Results

Just follow the prompts, put in the project/permit number and the code for the inspection type needed. Please see the list of inspection codes below.

IVR INSPECTION REQUEST CODES

BUILDING	ELECTRICAL	PLUMBING	MECHANICAL			
102 Footing	202 Saw Service	302 Slab	402 Slab			
103 Slab	203 Slab	303 Rough	403 Rough			
104 Foundation	204 Underground	304 Sewer	404 Refrigeration			
105 Framing	205 Rough	305 Water Supply	405 Ventilation			
106 Insulation	206 Service Change	306 Gas Piping Rough	406 Fireplace			
107 Final Building	207 Final Electrical	307 Gas Piping Final	407 Final Mechanical			
108 Certificate of	208 Temporary Power	308 Final Plumbing	408 Mechanical Above			
Occupancy			Ceiling			
109 Sign Footing	209 Electrical Low	309 Plumbing Above				
	Voltage	Ceiling				
110 Sign Final	210 Electrical Above					
	Ceiling					
111 Swimming Pool						
Foundation						
112 Swimming Pool						
Final						
113 Sheathing/Flashing						
114 Building						
Location/Setback						
115 Garage/Porch Slab						
116 Marriage Wall						
117 Energy Envelope						
The following are only available for obtaining results, cannot schedule through IVR.						
City Sewer 502 Health Department Septic Tank Inspection 503						

IREDELL COUNTY BUILDING STANDARDS FEE SCHEDULE

Permit fees for all projects that include a Building Permit will be based on the latest edition of the International Code Council's 'Building Valuation Data' adjusted by a regional modifier to provide the 'average' construction cost per square foot for our area of the country. The Permit Fees are established using the modified Building Valuation Data Table A and a Permit Fee Multiplier. The current Permit Fee Multiplier is 0.0068 of the estimated Building Value from Table A. The Permit Fee for these Building Projects will cover the issuance of the initial permit for each permit type and all inspections except for 'Temporary Power' and 'Temporary Certificate of Occupancy'.

The construction costs for 'Upfit', 'Renovation' and 'Shell/Dry-In' type projects are reduced to 50% of the 'average' construction cost from the Building Valuation Data Table A. The Permit Fee Multiplier for these projects is 0.0068.

Most other permit fees can be found in the following lists of Individual Permits / Inspections. Permit Fees for items not listed will be calculated at a rate of \$7.00 per Thousand Dollars of Project Construction Cost. All Permit Categories have a Minimum Permit Fee of \$75.00.

Building

Recovery Fee (Homeowners Recovery Fund - NC GS 87-15.6)	\$10.00
Mobile Home – Single Wide (Includes Electrical, Plumbing and Mechanical)	\$375.00
Mobile Home – Double Wide(Includes Electrical, Plumbing and Mechanical)	\$475.00
Mobile Home – Triple Wide (Includes Electrical, Plumbing and Mechanical)	\$600.00
Modular Classroom – Single Wide/Double Wide (Includes Electrical, Plumbing and Mechanical)	\$500.00
Modular Classroom – Quad/Mega Unit (Includes Electrical, Plumbing and Mechanical)	\$750.00
Day Care	\$150.00
Change of Use (Includes New Certificate of Occupancy)	\$200.00
Temporary Certificate of Occupancy (Good for 30 Days)	\$150.00
Demolition (Good for 60 Days)	\$200.00
Swimming Pool (Includes Electrical)	\$250.00
Construction Trailer (Includes Electrical)	\$200.00
Cell Tower – New (Includes Electrical)	\$1500.00
Cell Tower – Co-locate (Includes Electrical)	\$1000.00
Sign - Wall mounted or Free Standing (Includes Electrical)	\$200.00 ea.
Commercial Re-Roofing (No Structural Work)	\$250.00
Retaining Wall (Per Wall)	\$200.00 ea.
Fencing (When Required by the Commercial Code)	\$75.00

Electrical

Residential Service Change/New Service	\$125.00
Commercial Service Change/New Service	\$150.00
Construction Saw Pole	\$75.00 ea.
Temporary Power (Good for 30 Days)	\$150.00
Temporary Power Renewal (Good for 30 Days)	\$150.00
Fire Alarm/Security Systems	\$200.00
Low Voltage (Data / Phone)	\$150.00
Install Electrical Equipment	\$100.00
Plumbing Gas Piping System	\$100.00 ea.
Residential Fire Sprinkler System	\$200.00
Combo Appliance Replacement (Includes Electrical and/or Gas)	\$100.00 ea.
Install Plumbing Equipment	\$100.00
Mechanical Refrigeration System	\$300.00 ea.
Ventilation System	\$300.00 ea.
Combo Appliance Replacement (Includes Electrical and/or Gas)	\$100.00 ea.
Install Mechanical Equipment	\$100.00
Plan Review Project Review (Includes 1 re-review)	\$.06 Sq. Ft.
Project Re-Review (Beyond 2 nd Review)	\$200.00 ea.
Revisions to Approved Plans (Re-Pay Initial Plan Review Fee)	\$.06 Sq. Ft.
Re-Stamp Copies of Approved Plans (Lost Plans)	\$10.00 / Sheet
Miscellaneous Re-Inspection – 1 st Wasted Trip	\$100.00
Re-Inspection – 2 nd Wasted Trip	\$125.00
Re-Inspection – 3 rd and Subsequent Wasted Trips	\$150.00
Re-Instatement of Expired Permits	\$75.00
Change of Contractor / Owner on Permit	\$75.00
Safety / ABC Inspection (Includes Electrical if Needed)	\$75.00
Permits / Certificate of Inspections for Other Agencies	\$75.00
Work Started Without Permits (1st Violation) Permit Fees will be Doubled	

Work Started Without Permits (2nd and Subsequent Violations) Permit Fees will be Tripled

Re-Inspection Fees and other Fees or Penalties will result in the suspension of inspections on the project until all fees are paid. Misrepresentations on a permit application shall result in the revocation of a permit. No refunds will be made for revoked permits.

A Non-Refundable \$77.25 Application Fee is included in the charge for all permits. Refunds may only be made on permits that have not had any inspections performed. All Refunds are subject to subtraction of the Application Fee.

There is a 3% Technology / Administrative Fee added to all permits or inspections.

Projects on which the permits expire will be treated as new applications for permitting purposes. Contractors who do not request the required inspections and obtain the required approvals which result in their permits expiring may be subject to refusal of issuance of new permits until the expired projects are re-permitted and approved.

There may be other permit fees for other departments or governmental units which are collected by these entities. These fees are not reflected on this fee schedule.

Following are links to the web pages for some of these other departments:

Iredell County Planning www.co.iredell.nc.us/236/Planning-Division

Iredell County Environmental Health www.co.iredell.nc.us/853/Onsite-Water-Protection

Iredell County Fire Marshal www.co.iredell.nc.us/219/Fire-Marshals-Office

Iredell County Central Permitting www.co.iredell.nc.us/235/Central-Permitting-Division

Each building or structure requires a separate permit.

Approved 12/2/2014

TABLE A IREDELL COUNTY BUILDING VALUATION DATA											
Occupancy Classification				Average C	ost per So	uare Foot	with Regi	onal	l Modifiers	i	
			Non-C	Combustib	le Constru	iction			Combus	tible Cons	truction
Construction Type	Regional	IA	IB	IIA	IIB	IIIA	IIIB		IV	VA	VB
Cost per Sq. Ft.	Modifier	LOCAL	LOCAL	LOCAL	LOCAL	LOCAL	LOCAL		LOCAL	LOCAL	LOCAL
A-1 Assembly, theaters, with stage	→	181.41	175.45	171.17	164.01	154.20	149.76		158.50	140.95	135.61
A-1 Assembly, theaters, without stage		166.23	160.28	155.99	148.83	139.11	134.66		143.32	125.86	120.52
A-2 Assembly, nightclubs		140.90	136.91	133.13	127.92	120.38	117.06		123.41	109.06	105.34
A-2 Assembly, restaurants, bars, banquet halls	0.80	140.10	136.11	131.53	127.12	118.78	116.26		122.61	107.46	104.54
A-3 Assembly, churches		167.87	161.92	157.63	150.47	140.94	136.50		144.96	127.69	122.36
A-3 Assembly, general, community halls, libraries,	museums	140.10	134.14	129.06	122.70	112.25	108.61		117.18	99.00	94.46
A-4 Assembly, arenas		165.43	159.48	154.39	148.03	137.51	133.86		142.52	124.26	119.72
B Business	0.80	144.87	139.55	134.91	128.23	116.87	112.48		123.17	102.57	98.03
E Educational	0.80	155.18	149.84	145.44	138.86	129.32	122.48		134.07	113.01	109.34
F-1 Factory and industrial, moderate hazard		86.32	82.37	77.48	74.59	66.82	63.81		71.41	55.04	51.84
F-2 Factory and industrial, low hazard	0.80	85.52	81.57	77.48	73.79	66.82	63.01		70.61	55.04	51.04
H-1 High Hazard, explosives		80.81	76.86	72.77	69.08	62.27	58.46		65.90	50.49	N/P
H234 High Hazard	0.80	80.81	76.86	72.77	69.08	62.27	58.46		65.90	50.49	46.48
H-5 HPM		144.87	139.55	134.91	128.23	116.87	112.48		123.17	102.57	98.03
I-1 Institutional, supervised environment		143.58	138.53	134.50	128.79	118.18	115.06		128.54	106.04	102.35
I-2 Institutional, hospitals		244.38	239.06	234.42	227.74	215.58	0.00		222.67	201.27	N/P
I-2 Institutional, nursing homes	0.80	169.18	163.86	159.22	152.54	141.98	0.00		147.47	127.67	N/P
I-3 Institutional, restrained		165.06	159.74	155.10	148.42	138.26	133.06		143.35	123.95	117.82
I-4 Institutional, day care facilities		143.58	138.53	134.50	128.79	118.18	115.06		128.54	106.04	102.35
M Mercantile	0.80	105.04	101.04	96.46	92.05	84.23	81.70		87.54	72.90	69.99
R-1 Residential, hotels		144.71	139.66	135.63	129.92	119.51	116.40		129.67	107.38	103.68
R-2 Residential, multiple family	0.80	121.36	116.31	112.28	106.57	96.74	93.62		106.31	84.60	80.91
R-4 Residential, care/assisted living facilities		143.58	138.53	134.50	128.79	118.18	115.06		128.54	106.04	102.35
S-1 Storage, moderate hazard		80.01	76.06	71.17	68.28	60.67	57.66		65.10	48.89	45.68
S-2 Storage, low hazard	0.80	79.21	75.26	71.17	67.48	60.67	56.86		64.30	48.89	44.88
U Utility, miscellaneous		61.08	57.55	53.96	51.20	46.05	43.00		48.81	36.04	34.32
R-3 Residential, one- and two-family	0.85	121.70	118.35	115.40	112.43	108.03	105.32		110.10	101.02	94.66