

ORDINANCE NO. 3568-X

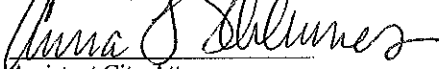
AN ORDINANCE ORDERING THE DEMOLITION AND REMOVAL OF THE DWELLING AT 209 SOUTH GARDNER AVENUE PURSUANT TO THE HOUSING CODE OF THE CITY OF CHARLOTTE AND ARTICLE 19, PART 6, CHAPTER 160A OF THE GENERAL STATUTES OF NORTH CAROLINA, SAID BUILDING BEING THE PROPERTY OF STEVEN M. DOUGLASS AND LISA M. DOUGLASS 4161 MORAGA AVENUE, SAN DIEGO, CA 92117

WHEREAS, the dwelling located at 209 South Gardner Avenue in the City of Charlotte has been found by the Code Enforcement Official of the City of Charlotte to be in violation of the Housing Code of the City of Charlotte and the owners thereof have been ordered to demolish and remove said dwelling; and

WHEREAS, said owner(s) have failed to comply in a timely fashion.

NOW, THEREFORE, BE IT ORDAINED by the City Council of the City of Charlotte, North Carolina, that the Code Enforcement Official of the City of Charlotte is hereby ordered to cause the demolition and removal of the dwelling located at 209 South Gardner Avenue in the City of Charlotte in accordance with the Housing Code of the City of Charlotte. This Ordinance shall become effective upon its adoption.


APPROVED AS TO FORM:


Assistant City Attorney

CERTIFICATION

I, Brenda R. Freeze, City Clerk of the City of Charlotte, North Carolina, DO HEREBY CERTIFY that the foregoing is a true and exact copy of an Ordinance adopted by the City Council of the City of Charlotte, North Carolina, in regular session convened on the 23rd day of April, 2007, the reference having been made in Minute Book 125, and recorded in full in Ordinance Book 54, Page 858.

WITNESS my hand and the corporate seal of the City of Charlotte, North Carolina, this the 25th day of April, 2007.


Brenda R. Freeze, CMC, City Clerk

ORDINANCE NO. 3569-X

AN ORDINANCE ORDERING THE DEMOLITION AND REMOVAL OF THE DWELLING AT 4820 LABORDE AVE PURSUANT TO THE HOUSING CODE OF THE CITY OF CHARLOTTE AND ARTICLE 19, PART 6, CHAPTER 160A OF THE GENERAL STATUTES OF NORTH CAROLINA, SAID BUILDING BEING THE PROPERTY OF ETHEL HASTINGS 7901 OLD STATESVILLE ROAD, CHARLOTTE, N.C. 28269

WHEREAS, the dwelling located at 4820 Laborde Avenue in the City of Charlotte has been found by the Code Enforcement Official of the City of Charlotte to be in violation of the Housing Code of the City of Charlotte and the owners thereof have been ordered to demolish and remove said dwelling; and

WHEREAS, said owner(s) have failed to comply in a timely fashion.

NOW, THEREFORE, BE IT ORDAINED by the City Council of the City of Charlotte, North Carolina, that the Code Enforcement Official of the City of Charlotte is hereby ordered to cause the demolition and removal of the dwelling located at 4820 Laborde Avenue in the City of Charlotte in accordance with the Housing Code of the City of Charlotte. This Ordinance shall become effective upon its adoption.

APPROVED AS TO FORM:


Assistant City Attorney

CERTIFICATION

I, Brenda R. Freeze, City Clerk of the City of Charlotte, North Carolina, DO HEREBY CERTIFY that the foregoing is a true and exact copy of an Ordinance adopted by the City Council of the City of Charlotte, North Carolina, in regular session convened on the 23rd day of April, 2007, the reference having been made in Minute Book 125, and recorded in full in Ordinance Book 54, Page 859.

WITNESS my hand and the corporate seal of the City of Charlotte, North Carolina, this the 25th day of April, 2007.


Brenda R. Freeze, CMC, City Clerk

ORDINANCE NO. 3570-X


AN ORDINANCE ORDERING THE DEMOLITION AND REMOVAL OF THE DWELLING AT 1008 1,2 VANIZER STREET PURSUANT TO THE HOUSING CODE OF THE CITY OF CHARLOTTE AND ARTICLE 19, PART 6, CHAPTER 160A OF THE GENERAL STATUTES OF NORTH CAROLINA, SAID BUILDING BEING THE PROPERTY OF C&A WATTS LLC 4023 CALDWELL RIDGE PARKWAY CHARLOTTE, NC 28213

WHEREAS, the dwelling located at 1008 1,2 Vanizer Street in the City of Charlotte has been found by the Code Enforcement Official of the City of Charlotte to be in violation of the Housing Code of the City of Charlotte and the owners thereof have been ordered to demolish and remove said dwelling; and

WHEREAS, said owner(s) have failed to comply in a timely fashion.

NOW, THEREFORE, BE IT ORDAINED by the City Council of the City of Charlotte, North Carolina, that the Code Enforcement Official of the City of Charlotte is hereby ordered to cause the demolition and removal of the dwelling located at 1008 1,2 Vanizer Street in the City of Charlotte in accordance with the Housing Code of the City of Charlotte. This Ordinance shall become effective upon its adoption.

APPROVED AS TO FORM:


Assistant City Attorney

CERTIFICATION

I, Brenda R. Freeze, City Clerk of the City of Charlotte, North Carolina, DO HEREBY CERTIFY that the foregoing is a true and exact copy of an Ordinance adopted by the City Council of the City of Charlotte, North Carolina, in regular session convened on the 23rd day of April, 2007, the reference having been made in Minute Book 125, and recorded in full in Ordinance Book 54, Page 860.

WITNESS my hand and the corporate seal of the City of Charlotte, North Carolina, this the 25th day of April, 2007.


Brenda R. Freeze, CMC, City Clerk

ORDINANCE NO. 3571-X

AN ORDINANCE ORDERING THE DEMOLITION AND REMOVAL OF THE DWELLING AT 7918 BRIARDALE DRIVE PURSUANT TO THE HOUSING CODE OF THE CITY OF CHARLOTTE AND ARTICLE 19, PART 6, CHAPTER 160A OF THE GENERAL STATUTES OF NORTH CAROLINA, SAID BUILDING BEING THE PROPERTY OF BILLY R. MARCHANT 7918 BRIARDALE DRIVE, CHARLOTTE N.C. 28212

WHEREAS, the dwelling located at 7918 Briardale Drive the City of Charlotte has been found by the Code Enforcement Official of the City of Charlotte to be in violation of the Housing Code of the City of Charlotte and the owners thereof have been ordered to demolish and remove said dwelling; and

WHEREAS, said owner(s) have failed to comply in a timely fashion.

NOW, THEREFORE, BE IT ORDAINED by the City Council of the City of Charlotte, North Carolina, that the Code Enforcement Official of the City of Charlotte is hereby ordered to cause the demolition and removal of the dwelling located at 7918 Briardale Drive in the City of Charlotte in accordance with the Housing Code of the City of Charlotte. This Ordinance shall become effective upon its adoption.

APPROVED AS TO FORM:



Assistant City Attorney

CERTIFICATION

I, Brenda R. Freeze, City Clerk of the City of Charlotte, North Carolina, DO HEREBY CERTIFY that the foregoing is a true and exact copy of an Ordinance adopted by the City Council of the City of Charlotte, North Carolina, in regular session convened on the 23rd day of April, 2007, the reference having been made in Minute Book 125, and recorded in full in Ordinance Book 54, Page 861.

WITNESS my hand and the corporate seal of the City of Charlotte, North Carolina, this the 25th day of April, 2007.



Brenda R. Freeze, CMC, City Clerk

ORDINANCE NO. 3572-X


AN ORDINANCE ORDERING THE DEMOLITION AND REMOVAL OF THE DWELLING AT 1548 OAKLAWN AVENUE PURSUANT TO THE HOUSING CODE OF THE CITY OF CHARLOTTE AND ARTICLE 19, PART 6, CHAPTER 160A OF THE GENERAL STATUTES OF NORTH CAROLINA, SAID BUILDING BEING THE PROPERTY OF JUDY SU, LI CARDWELL AS CUSTODIAN OF ANNA CARDWELL 3100 WILKINSON BLVD. CHARLOTTE, NC 28208

WHEREAS, the dwelling located at 1548 Oaklawn Avenue in the City of Charlotte has been found by the Code Enforcement Official of the City of Charlotte to be in violation of the Housing Code of the City of Charlotte and the owners thereof have been ordered to demolish and remove said dwelling; and

WHEREAS, said owner(s) have failed to comply in a timely fashion.

NOW, THEREFORE, BE IT ORDAINED by the City Council of the City of Charlotte, North Carolina, that the Code Enforcement Official of the City of Charlotte is hereby ordered to cause the demolition and removal of the dwelling located at 1548 Oaklawn Avenue in the City of Charlotte in accordance with the Housing Code of the City of Charlotte. This Ordinance shall become effective upon its adoption.

APPROVED AS TO FORM:



Assistant City Attorney

CERTIFICATION

I, Brenda R. Freeze, City Clerk of the City of Charlotte, North Carolina, DO HEREBY CERTIFY that the foregoing is a true and exact copy of an Ordinance adopted by the City Council of the City of Charlotte, North Carolina, in regular session convened on the 23rd day of April, 2007, the reference having been made in Minute Book 125, and recorded in full in Ordinance Book 54, Page 862.

WITNESS my hand and the corporate seal of the City of Charlotte, North Carolina, this the 25th day of April, 2007.



Brenda R. Freeze, CMC, City Clerk

ORDINANCE NO. 3573-X

AN ORDINANCE ORDERING THE DEMOLITION AND REMOVAL OF THE DWELLING AT 1550 OAKLAWN AVENUE PURSUANT TO THE HOUSING CODE OF THE CITY OF CHARLOTTE AND ARTICLE 19, PART 6, CHAPTER 160A OF THE GENERAL STATUTES OF NORTH CAROLINA, SAID BUILDING BEING THE PROPERTY OF JUDY SU, LI CARDWELL AS CUSTODIAN OF ANNA CARDWELL 3100 WILKINSON BLVD. CHARLOTTE, NC 28208

WHEREAS, the dwelling located at 1550 Oaklawn Avenue in the City of Charlotte has been found by the Code Enforcement Official of the City of Charlotte to be in violation of the Housing Code of the City of Charlotte and the owners thereof have been ordered to demolish and remove said dwelling; and

WHEREAS, said owner(s) have failed to comply in a timely fashion.

NOW, THEREFORE, BE IT ORDAINED by the City Council of the City of Charlotte, North Carolina, that the Code Enforcement Official of the City of Charlotte is hereby ordered to cause the demolition and removal of the dwelling located at 1550 Oaklawn Avenue in the City of Charlotte in accordance with the Housing Code of the City of Charlotte. This Ordinance shall become effective upon its adoption.

APPROVED AS TO FORM:


Assistant City Attorney

CERTIFICATION

I, Brenda R. Freeze, City Clerk of the City of Charlotte, North Carolina, DO HEREBY CERTIFY that the foregoing is a true and exact copy of an Ordinance adopted by the City Council of the City of Charlotte, North Carolina, in regular session convened on the 23rd day of April, 2007, the reference having been made in Minute Book 125, and recorded in full in Ordinance Book 54, Page 863.

WITNESS my hand and the corporate seal of the City of Charlotte, North Carolina, this the 25th day of April, 2007.


Brenda R. Freeze, CMC, City Clerk

ORDINANCE NO. 3574-X


AN ORDINANCE ORDERING THE DEMOLITION AND REMOVAL OF THE DWELLING AT 4613 OLNEY STREET PURSUANT TO THE HOUSING CODE OF THE CITY OF CHARLOTTE AND ARTICLE 19, PART 6, CHAPTER 160A OF THE GENERAL STATUTES OF NORTH CAROLINA, SAID BUILDING BEING THE PROPERTY OF M. MOORE & ASSOCIATES 6701 PAWNEE DRIVE CHARLOTTE, NC 28214

WHEREAS, the dwelling located at 4613 Olney Street in the City of Charlotte has been found by the Code Enforcement Official of the City of Charlotte to be in violation of the Housing Code of the City of Charlotte and the owners thereof have been ordered to demolish and remove said dwelling; and

WHEREAS, said owner(s) have failed to comply in a timely fashion.

NOW, THEREFORE, BE IT ORDAINED by the City Council of the City of Charlotte, North Carolina, that the Code Enforcement Official of the City of Charlotte is hereby ordered to cause the demolition and removal of the dwelling located at 4613 Olney Street in the City of Charlotte in accordance with the Housing Code of the City of Charlotte. This Ordinance shall become effective upon its adoption.

APPROVED AS TO FORM:



Assistant City Attorney

CERTIFICATION

I, Brenda R. Freeze, City Clerk of the City of Charlotte, North Carolina, DO HEREBY CERTIFY that the foregoing is a true and exact copy of an Ordinance adopted by the City Council of the City of Charlotte, North Carolina, in regular session convened on the 23rd day of April, 2007, the reference having been made in Minute Book 125, and recorded in full in Ordinance Book 54, Page 864.

WITNESS my hand and the corporate seal of the City of Charlotte, North Carolina, this the 25th day of April, 2007.



Brenda R. Freeze, CMC, City Clerk

ORDINANCE NO. 3575-X

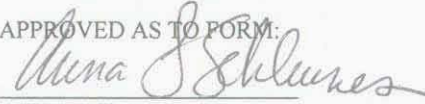
AN ORDINANCE ORDERING THE DEMOLITION AND REMOVAL OF THE DWELLING AT 921 ROWAN STREET PURSUANT TO THE HOUSING CODE OF THE CITY OF CHARLOTTE AND ARTICLE 19, PART 6, CHAPTER 160A OF THE GENERAL STATUTES OF NORTH CAROLINA, SAID BUILDING BEING THE PROPERTY OF JUAN STEFANO AND WIFE LESLIE STEFANO 3000 S.W 128TH AVE MIAMI, FL 33175

WHEREAS, the dwelling located at 921 Rowan Street in the City of Charlotte has been found by the Code Enforcement Official of the City of Charlotte to be in violation of the Housing Code of the City of Charlotte and the owners thereof have been ordered to demolish and remove said dwelling; and

WHEREAS, said owner(s) have failed to comply in a timely fashion.

NOW, THEREFORE, BE IT ORDAINED by the City Council of the City of Charlotte, North Carolina, that the Code Enforcement Official of the City of Charlotte is hereby ordered to cause the demolition and removal of the dwelling located at 921 Rowan Street in the City of Charlotte in accordance with the Housing Code of the City of Charlotte. This Ordinance shall become effective upon its adoption.

APPROVED AS TO FORM:


Assistant City Attorney

CERTIFICATION

I, Brenda R. Freeze, City Clerk of the City of Charlotte, North Carolina, DO HEREBY CERTIFY that the foregoing is a true and exact copy of an Ordinance adopted by the City Council of the City of Charlotte, North Carolina, in regular session convened on the 23rd day of April, 2007, the reference having been made in Minute Book 125, and recorded in full in Ordinance Book 54, Page 865.

WITNESS my hand and the corporate seal of the City of Charlotte, North Carolina, this the 25th day of April, 2007.


Brenda R. Freeze, CMC, City Clerk

ORDINANCE NO. 3576-X

0-82

AN ORDINANCE TO AMEND ORDINANCE NUMBER 3303-X, THE 2006-2007 BUDGET ORDINANCE, PROVIDING AN APPROPRIATION FROM WATER AND SEWER REVENUE BONDS FOR MANHOLE AND/OR WATER VALVE ADJUSTMENTS DUE TO STREET RESURFACING

BE IT ORDAINED, by the City Council of the City of Charlotte;

- Section 1. That the sum of \$400,000 is hereby estimated to be available from the Water and Sewer Revenue Bonds.
- Section 2. That the sum of \$400,000 is hereby appropriated to Projects Fund 2071 – Water and Sewer Capital Improvement Funds; 63324 – Sewer in Streets to be Widened; 35260 – Water Main - Construction.
- Section 3. All ordinances in conflict with this ordinance are hereby repealed.
- Section 4. This ordinance shall be effective upon adoption.

Approved as to form:


Sr. Asst. City Attorney

CERTIFICATION

I, Brenda R. Freeze, City Clerk of the City of Charlotte, North Carolina, DO HEREBY CERTIFY that the foregoing is a true and exact copy of an Ordinance adopted by the City Council of the City of Charlotte, North Carolina, in regular session convened on the 23rd day of April, 2007, the reference having been made in Minute Book 125, and recorded in full in Ordinance Book 54, Page 866.

WITNESS my hand and the corporate seal of the City of Charlotte, North Carolina, this the 25th day of April, 2007.


Brenda R. Freeze, CMC, City Clerk

ORDINANCE NO. 3577-X

O-83

AN ORDINANCE TO AMEND ORDINANCE NUMBER 3303-X , THE 2006-2007 BUDGET ORDINANCE, APPROPRIATING \$3,065,484 IN DISCRETIONARY FUNDS FOR THE DESIGN OF A 4,000-SPACE PARKING DECK

BE IT ORDAINED, by the City Council of the City of Charlotte;

Section 1. That the sum of \$3,065,484 is available from discretionary fund balance to be repaid from future Airport General Revenue bonds.

Section 2. That the sum of \$3,065,484 is hereby appropriated to the Airport Capital Projects Fund: 2090 - 540.17

Section 3. That the existence of the project may extend beyond the end of the fiscal year. Therefore, this ordinance will remain in effect for the duration of the program and funds are to be carried forward to subsequent fiscal years until all funds are expended.

Section 4. All ordinances in conflict with this ordinance are hereby repealed.

Section 5. This ordinance shall be effective upon adoption.

Approved as to form:



J. De City Attorney

CERTIFICATION

I, Brenda R. Freeze, City Clerk of the City of Charlotte, North Carolina, DO HEREBY CERTIFY that the foregoing is a true and exact copy of an Ordinance adopted by the City Council of the City of Charlotte, North Carolina, in regular session convened on the 23rd day of April, 2007, the reference having been made in Minute Book 125, and recorded in full in Ordinance Book 54, Page 867.

WITNESS my hand and the corporate seal of the City of Charlotte, North Carolina, this the 25th day of April, 2007.



Brenda R. Freeze, CMC, City Clerk

ORDINANCE NO. 3578

ORDINANCE AMENDING CHAPTER 9

AN ORDINANCE AMENDING CHAPTER 9, (FLOODWAY REGULATIONS) OF THE CODE OF THE CITY OF CHARLOTTE:

Chapter 9 FLOODPLAIN REGULATIONS

ARTICLE I. STATUTORY AUTHORIZATION, FINDINGS, PURPOSE AND OBJECTIVES

Section. 9-1. Short title.

The regulations set out in this ordinance (sometimes herein referred to as "this regulation" or "this ordinance") shall be known and may be cited as the "Floodplain Regulations of Charlotte, North Carolina."

Section. 9-2. Statutory authorization.

The legislature of the State of North Carolina has in the general statutes of North Carolina, authorized cities to adopt regulations designed to promote the public health, safety and general welfare of its citizenry by regulating the placement of obstructions in flood hazard areas.

Section. 9-3. Findings of fact.

(a)The flood hazard areas of Charlotte and Charlotte's Land Use jurisdiction are subject to periodic inundation which results in loss of life, increased health and safety hazards, destruction of property, and disruption of commerce and governmental services. Inundation from flood waters results in public expenditures for flood protection, flood disaster relief, and impairment of the tax base, all of which adversely affect the public health, safety, and general welfare.

(b)These flood losses are created by the cumulative effect of obstructions in Floodplains, causing increases in flood heights and velocities and by the occupancy in flood hazard areas by uses vulnerable to floods or hazards to other lands which are inadequately elevated, floodproofed or otherwise unprotected from flood damages.

Section. 9-4. Statement of purpose.

It is the purpose of this ordinance to promote public health, safety, and general welfare and to minimize public and private losses due to flood conditions in specific areas by provisions designed to:

1. Restrict or prohibit uses which are dangerous to health, safety and property due to water or erosion hazards or which result in damaging increases in erosion or in flood heights or velocities;
2. Require that uses vulnerable to floods, including facilities which serve such uses, be protected against flood damage at the time of initial construction;
3. Control the alteration of natural Floodplains, stream channels and natural protective barriers which are involved in the accommodation of flood waters;

4. Control filling, grading, dredging and other Development which may increase erosion or flood damage; and
5. Prevent or regulate the construction of flood barriers which will unnaturally divert flood waters or which may increase flood hazards to other lands.

Section. 9-5. Objectives.

(a) The regulations of the Special Flood Hazard Areas herein set forth are intended to protect areas of designated Floodplains subject to and necessary for regulating flood waters and to permit and encourage the retention of open-land uses which will be so located and designed as to constitute a harmonious and appropriate part of the physical development of the City as provided in the comprehensive plans as such are adopted and amended from time to time.

(b) The specific intent in establishing Special Flood Hazard Areas composed of floodways and flood fringe areas includes the following:

1. To control uses such as fill dumping, storage of materials, structures, buildings and any other works which, acting alone or in combination with other existing or future uses, would cause damaging flood heights and velocities by obstructing flows and reducing floodplain storage;
 2. To protect human life and health;
 3. To minimize the expenditure of public money for costly flood-control projects;
 4. To minimize the need for rescue and relief efforts associated with flooding and generally undertaken at the expense of the general public;
 5. To permit certain uses which can be appropriately located in flood hazard areas and to assure such permitted uses will not impede the flow of flood waters or otherwise cause danger to life and property at or above or below their locations along the floodways;
 6. To minimize prolonged business interruptions;
 7. To protect existing drainage courses that carry abnormal flows of stormwater in periods of heavy precipitations;
 8. To minimize damage to public facilities and utilities, such as water and gas mains, electric, telephone and sewer lines and streets and bridges located in Floodplains;
 9. To meet the needs of the streams to carry flood waters and protect the creek channels and Floodplains from Encroachment so that flood heights and flood damage will not be increased;
 10. To inform existing and potential property owners that property is in a Special Flood Hazard Area as well as the associated flood risks and development restrictions; and
 11. To minimize future flood losses by depicting Community Flood Fringe Areas on the Flood Insurance Rate Maps.
- (c). This ordinance is intended to permit only that Development within the Floodplain which is appropriate in light of the probability of flood damage and presents a reasonable social and economic use of land in relation to the hazards involved. The regulations hereinafter set forth shall apply to all property located within the Special Flood Hazard Area as shown on the Flood Insurance Rate Maps (FIRM) including FEMA and/or locally approved revisions to data shown on the FIRMs. It is the intent that these regulations combine with and coordinate with the zoning ordinance regulations for the zoning district in which such property is located. Any use not permitted by the zoning regulations shall not be permitted in the Special Flood Hazard Area, and any use permitted by the zoning regulations shall be permitted in these districts only upon meeting conditions and requirements as prescribed in this ordinance.

Section 9-6 – 9-20. Reserved.

ARTICLE II. DEFINITIONS

Section 9-21. Definitions.

Unless specifically defined in this section, words or phrases used in this ordinance shall be interpreted so as to give them the meaning they have in common usage and to give this ordinance its most reasonable application. The following words, terms and phrases, when used in this ordinance, shall have the meanings ascribed to them in this section, except where the context clearly indicates a different meaning.

Accessory Structure means a structure which is located on the same parcel of property as the principal structure and the use of which is incidental to the use of the principal structure. Garages, carports and storage sheds are common urban accessory structures. Pole barns, hay sheds and the like qualify as accessory structures on farms, and may or may not be located on the same parcel as the farm dwelling or shop building.

Addition (to an existing building) means any walled and roofed expansion to the perimeter of a building in which the addition is connected by a common load-bearing wall other than a firewall. Any walled and roofed addition which is connected by a firewall or is separated by independent perimeter load-bearing walls is "New Construction."

Appeal means a request for a review of the Floodplain Administrator's interpretation of any provision of this ordinance.

Backwater Area is a length of stream where the water surface slope differs from the channel bed slope due to downstream obstructions (culverts, bridges, other stream, etc.). The slopes are depicted on the stream profile plots included in the Mecklenburg County and City of Charlotte Flood Insurance Studies.

Basement means the lowest level or story of a building which has its floor subgrade on all sides.

Building means any structure built for support, shelter or enclosure for any occupancy or storage.

Community Base Flood means the flood determined using future land use conditions having a one percent chance of being equaled or exceeded in any given year.

Community Base Flood Elevation means the elevation shown on the Flood Insurance Rate Map Flood Hazard Data Table, having a one percent chance of being equaled or exceeded, determined using future land use conditions.

Community Conditional Letter of Map Revisions (CoCLOMR) means a letter from the Floodplain Administrator that provides conditional approval of a study that proposes to change the location of the Community Encroachment Lines, and/or the location of the Community Flood Fringe Line, and/or Community Base Flood Elevations.

Community Encroachment Area means the channel of a stream or other watercourse and the adjacent land areas that must be reserved in order to discharge the FEMA Base Flood without cumulatively increasing the water surface elevation more than 0.1 feet. (see attachments).

Community Encroachment Lines are lateral limits of the Community Encroachment Area, within which, in the direction of the stream or other body of water, no structure or fill may be added, unless specifically permitted by this ordinance. (see attachments).

Community Flood Fringe Area: The land area located between the Community Encroachment Line and the Community Flood Fringe Line as defined herein. (see attachments).

Community Flood Fringe Line is the line that depicts the outer limits of the Community Flood Fringe Area (outer limits of the Community Special Flood Hazard Area).

Community Letter of Map Revision (CoLOMR) means a letter from the Floodplain Administrator that provides final approval of a study, based on as-built conditions, that changes the location of the Community Encroachment Lines and/or the Community Flood Fringe Lines.

Community Special Flood Hazard Area is the land subject to a one - percent or greater chance of flooding in any given year from a Community Base Flood. It includes the FEMA Floodway, Community Encroachment Area, FEMA Flood Fringe Area, and the Community Flood Fringe Area. (see attachments).

Conditional Letter of Map Revision (CLOMR) means FEMA's comments on whether a project, if built as

proposed, would meet the minimum NFIP standards.

Critical Facility means a building used to house a function that is vulnerable or essential to the community. Uses include but are not limited to: child and adult daycare facilities, nursing homes, schools, hospitals, fire, police and medical facilities and other uses as deemed by the Floodplain Administrator.

Development means any manmade change to improved and unimproved real estate, including, but not limited to, buildings or other structures, mining, dredging, filling, grading, paving, excavating or drilling operations.

Dry Public Street means a public street at the intersection of a proposed driveway where the surface of the pavement is at an elevation above the Community Base Flood Elevation.

Dryland Access means a gravel, paved or concrete access route, at least 12' wide, which is above the Community Base Flood Elevation and connects an Habitable Building to a Dry Public Street.

Elevated Building means a non-basement building built to have the lowest floor elevated above the ground level by means of fill, solid foundation perimeter walls, pilings, columns (posts and piers), or shear walls.

Encroachment means the advance or infringement of uses, fill, excavation, buildings, permanent structures or development into a floodplain, which may impede or alter the flow capacity of a floodplain. Building renovations contained within the existing building footprint area are not considered an Encroachment.

Existing Manufactured Home Park or Manufactured Home Subdivision means a parcel (or contiguous parcels) of land divided into two (2) or more manufactured home lots for rent or sale for which the construction of facilities for servicing the lot on which the manufactured home is to be affixed (including, at a minimum, the installation of utilities, either final site grading or the pouring of concrete pads and the construction of streets) was completed before August 15, 1978.

Expansion to an Existing Manufactured Home Park or Subdivision means the preparation of the additional sites by the construction of facilities for servicing the lots on which the manufactured homes are to be affixed (including the installation of utilities, the construction of streets, and with final site grading or the pouring of concrete slabs).

FEMA is the Federal Emergency Management Agency.

FEMA Base Flood means the flood determined using land use conditions as of July 1999 having a one percent chance of being equaled or exceeded in any given year.

FEMA Base Flood Elevation (BFE) means the elevation shown on the Flood Insurance Rate Map that indicates the water surface elevation resulting from a FEMA Base Flood that has a one percent chance of equaling or exceeding that level in any given year.

FEMA Flood Fringe Area is the land area located between the FEMA Floodway Lines and the line depicting the maximum elevation subject to inundation by the FEMA Base Flood as defined herein (see attachments).

FEMA Flood Fringe Line is the line on a map that depicts the outer limits of the *FEMA Flood Fringe Area*.

FEMA Floodway means the channel of a river or other watercourse and the adjacent land areas that must be reserved in order to discharge the FEMA Base Flood, without cumulatively increasing the water surface elevation more than 0.5 feet. On the Catawba River, and the portions of Six Mile Creek and Rocky River which run along the county boundary line, the FEMA Floodway means the channel of a stream or other watercourse and the adjacent land areas that must be reserved in order to discharge the FEMA Base Flood, without cumulatively increasing the water surface elevation more than 1.0 feet.

FEMA Floodway Lines are the lateral limits of the FEMA Floodway. (see attachments).

FEMA Special Flood Hazard Area is the land subject to a one percent or greater chance of flooding in any given year from a FEMA Base Flood. It includes the FEMA Floodway, Community Encroachment Area, and the FEMA Flood Fringe Area. (see attachments)

Flood or Flooding means a general and temporary condition of partial or complete inundation of normally dry land areas from:

1. The overflow of inland or tidal waters; and/or
2. The unusual and rapid accumulation of run-off of surface waters from any source.

Flood Insurance Rate Map (FIRM) means an official map of a community, in both digital and printed format, on which the Federal Emergency Management Agency has delineated the Special Flood Hazard Area and the risk premium zones applicable to the community. The date of Charlotte's original FIRM is August 15, 1978 and this date should be used to determine whether a structure is pre-FIRM or post-FIRM.

Flood Insurance Study is an examination, evaluation, and determination of Special Flood Hazard Areas, corresponding water surface elevations, flood insurance risk zones, and other flood data in a community. The study includes a Flood Insurance Study report, and/or Flood Insurance Rate Map (FIRMs).

Floodplain means the land subject to inundation by the Community Base Flood and is encompassed by the Community Special Flood Hazard Area.

Floodplain Administrator (or Administrator) means the person, agent, or his or her designees, appointed to administer, implement and enforce the provisions of this ordinance.

Floodplain Development Permit means either an Individual Floodplain Development Permit or a General Floodplain Development Permit issued for development in the Floodplain per the requirements of Section 9-62 of this ordinance.

Floodproofing means any combination of structural and nonstructural additions, changes, or adjustments to structures, which reduce or eliminate risk of flood damage to real estate or improved real property, water and sanitation facilities, or structures with their contents.

Flood Protection Elevation means the elevation to which all structures located within the Community Special Flood Hazard Area must be elevated (or floodproofed if non-residential). Within areas where Base Flood Elevations (BFEs) have been determined, this elevation shall be the Community Base Flood Elevation plus one (1) foot of freeboard (except along the Catawba River where it is the FEMA Base Flood Elevation plus two (2) feet of freeboard). In areas where no BFE has been established, all structures and other Development must be elevated (or floodproofed if non-residential), to two (2) feet above the highest adjacent grade.

Floodwall means a wall built along a shore or bank to protect an area from flooding.

Floodway means the either the FEMA Floodway or the Community Encroachment Area.

Floor (see *Lowest Floor*)

Functionally Dependent Facility means a facility that cannot be used for its intended purpose, unless it is located or carried out in close proximity to water, such as a docking or port facility necessary for the loading and unloading of cargo or passengers, shipbuilding, ship repair or seafood processing facilities. The term does not include long-term storage, manufacture, sales or service facilities.

General Floodplain Development Permit is a permit issued for certain types of Development in the

Floodplain per Section 9-62 of this ordinance.

Habitable Building means a structure designed primarily for, or used for human habitation. This includes, but is not limited to, houses, condominiums, townhomes, restaurants, retail establishments, manufacturing buildings, commercial buildings, office buildings, manufactured homes, and similar uses. It does not include Accessory Structures. (see definition above).

Hazardous Waste Management Facility means a facility for the collection, storage, processing, treatment, recycling, recovery, or disposal of hazardous waste as defined in NCGS Article 9 of Chapter 130A.

Highest Adjacent Grade means the highest natural elevation of the ground surface, prior to construction, next to the proposed walls of the structure.

Historic Structure means any structure that is:

1. listed individually in the National Register of Historic Places (a listing maintained by the US Department of Interior) or preliminarily determined by the Secretary of Interior as meeting the requirements for individual listing on the National Register;
2. certified or preliminarily determined by the Secretary of Interior as contributing to the historical significance of a registered historic district or a district preliminarily determined by the Secretary to qualify as a registered historic district;
3. individually listed on a State inventory of historic places;
4. individually listed on a local inventory of historic places in communities with historic preservation programs that have been certified
 - a. by an approved state program as determined by the Secretary of Interior, or
 - b. directly by the Secretary of Interior in states without approved programs.

Individual Floodplain Development Permit means a permit for Development in the Floodplain that involves activities not listed in Section 9-62 (1) and may not qualify for a General Floodplain Development Permit.

Letter of Map Revision (LOMR) means an official amendment to the currently effective FEMA FIRM based on as-built conditions. It is issued by FEMA and may change FEMA Base Flood Elevations, the location of the FEMA Floodway Lines and/or the location of the FEMA Flood Fringe line.

Letter of Map Amendment (LOMA) means a letter from FEMA that officially removes a property or building from the FEMA Special Flood Hazard Area (SFHA) that was inadvertently shown in the SFHA on the FIRM.

Letter of Map Revision based on Fill (LOMR-F) means a letter from FEMA that officially removes a property from the FEMA Special Flood Hazard Area (SFHA) as a result of placing fill on the property.

Levee means a manmade structure, usually an earthen embankment, Floodwall or a combination of both that is designed and constructed to contain, control or divert the flow of water so as to provide protection from temporary flooding.

Levee System means a flood protection system which consists of Levee(s) and/or Floodwall(s) and associated structures, such as closure and drainage devices.

Lowest Floor means the lowest floor of the lowest enclosed area (including the basement and/or attached garage). An unfinished or flood-resistant enclosure, usable solely for parking of vehicles, building access or storage in an area other than a basement area, is not considered a building's Lowest Floor provided that such enclosure is not built so as to render the structure in violation of the applicable non-elevation design requirements of this ordinance.

Manufactured Home means a structure, transportable in one (1) or more sections, which is built on a permanent chassis and designed to be used with or without permanent foundation when connected to the required utilities. The term "manufactured home" does not include a "recreational vehicle."

Manufactured Home Park or Subdivision means a parcel (or contiguous parcels) of land divided into two (2) or more manufactured home lots for rent or sale.

Market Value means the value of a building, excluding land value, that is determined by an appraiser

certified in North Carolina. The tax value of the building may be used for screening purposes.

Mean Sea Level means the average height of the sea for all stages of the tide. It is used as a reference for establishing various elevations within the floodplain. For purposes of this ordinance, the term is synonymous with the "North American Vertical Datum of 1988 (NAVD 88)."

New Construction means construction of a replacement structure commenced after total demolition, or renovation/rehabilitation of an existing structure that results in the partial or complete removal of 2 external walls and has a total cost equal to or exceeding 50 percent of the market value of the structure before the "start of construction" of the improvement. For flood insurance purposes, New Construction also means structures for which the start of construction commenced on or after August 15, 1978, and

includes subsequent improvements to such structures (see definition of Flood Insurance Rate Map).

New Manufactured Home Park or Subdivision means a manufactured home park or subdivision for which the construction of facilities for servicing the lots on which the manufactured homes are to be affixed (including at a minimum, the installation of utilities, the construction of streets, and either final site grading or the pouring of concrete slabs) is completed on or after August 15, 1978.

Nonconforming Building or Use means any legally existing building or use which fails to comply with the provisions of this ordinance.

Non-solid Fence means a fence with at least 75% open area.

North American Vertical Datum (NAVD) as corrected in 1988 is a vertical control used as a reference for establishing varying elevations within the floodplain. If a datum other than NAVD 88 is used then use the datum listed as the reference datum on the applicable FIRM panel for use on Elevation Certificate completion. See Flood Insurance Administration (FIA)-20 part 1, 8.

Open House Forum is a public meeting held by the owner of the proposed Levee and the Director of Mecklenburg County Storm Water Services, or his designee. The purpose of the Open House Forum is to provide an opportunity for discussion between the owner that has submitted an application for the construction of a Levee, nearby property owners, and other interested parties.

Recreational Vehicle means a vehicle which is: (1) built on a single chassis; (2) 400 square feet or less when measured at the largest horizontal projection; (3) designed to be self-propelled or permanently towable by a car or light duty truck; and (4) designed primarily not for use as a permanent dwelling, but as temporarily living quarters for recreational, camping, travel or seasonable use.

Reference Level is the portion of a structure or other Development that must be compared to the flood protection elevation to determine regulatory compliance of such building. Within Special Flood Hazard Areas designated as zones A1-A30, AE, A, A99, AO, or AH, the reference level is the top of the lowest floor.

Remedy a Violation means to bring the structure or other Development into compliance with this ordinance or, if this is not possible, to reduce the impacts of its noncompliance. Ways that impact may be reduced include protecting the structure or other affected Development from flood damages, implementing the enforcement provisions of this ordinance or otherwise deterring future similar violations, or reducing federal financial exposure with regard to the structure or other Development.

Repetitive Loss means flood-related damages sustained by a structure on two (2) separate occasions during any 10-year period for which the cost of repairs at the time of each such flood event, on the average, equals or exceeds twenty-five percent (25%) of the Market Value of the structure before the damage occurred.

Solid Waste Disposal Facility means any facility involved in the storage or disposal of non-liquid, non-soluble materials ranging from municipal garbage to industrial wastes that contain complex and sometimes hazardous substances. Solid waste also includes sewage sludge, agricultural refuse, demolition wastes, mining wastes, and liquids and gases stored in containers as defined in NCGS 130A-290(a)(35).

Special Flood Hazard Area means either the Community Special Flood Hazard Area or the FEMA Special Flood Hazard Area. See definitions above.

Start of Construction means the date the building permit was issued, provided the actual start of construction, repair, reconstruction, rehabilitation, addition, or improvement was within 180 days of the permit date. The actual start means the first placement of permanent construction of a structure (including a manufactured home) on a site, such as pouring a slab or footing, installation of piles, construction of columns, or any work beyond the state of excavation or the placement of a manufactured home on a foundation. Permanent construction does not include the installation of streets and/or walkways; nor does it include excavation for a basement, footings, piers, or foundations, or the erection of temporary forms; nor does it include the installation on the property of accessory buildings, such as garages or sheds not occupied as dwelling units or not parts of the main structure. For Substantial Improvement, the actual start of construction means the first alteration of any wall, ceiling, floor, or other structural part of the building, whether or not that alteration affects the external dimensions of the building.

Structure means for floodplain management purposes, a walled and roofed building, a manufactured home, a gas or liquid storage tank, or other man-made facilities or infrastructures that are principally

above ground.

Substantial Damage means damage of any origin sustained by a structure whereby the cost of restoring the structure to the condition before damage occurred would equal or exceed 50 percent of the market value of the structure before the damages occurred. *Substantial Damage* also means flood-related damages sustained by a structure on two separate occasions during a 10 year period beginning after October 11, 1999, for which the cost of repairs at the time of each such flood event, on average, equals or exceeds 25 percent of the market value of the structure before the damage occurred. See definition of "Substantial Improvement."

Substantial Improvement means any repairs, reconstruction, rehabilitation, addition, or other improvement of a structure, or combination thereof, where the total cost equals or exceeds 50 percent of the market value of the structure before the "start of construction" of the improvement. This term includes structures which have incurred "substantial damage", regardless of the actual repair work performed. The term does not, however, include either:

- any correction of existing violations of State or Community health, sanitary, or safety code specifications which have been identified by the community code enforcement official and which are the minimum necessary to assure safe living conditions; or,
- any alteration of a historic structure, provided that the alteration will not preclude the structure's continued designation as a historic structure.

Substantial Improvement also means any repair, reconstruction, or improvement to a structure on two separate occasions during a 10 year period beginning after October 11, 1999, for which the total cost of repairs, reconstruction or improvement at the time of each alteration, equals or exceeds 25 percent of the market value of the structure before the damage occurred or the Substantial Improvement began. The Floodplain Administrator may determine if separate actions constitute a single project (Section 9-101 (13)). For the purposes of this definition, "*Substantial Improvement*" is considered to occur when the first alteration of any wall, ceiling, floor or other structural part of the building commences, whether or not that alteration affects the external dimensions of the structure.

Substantially Improved Existing Manufactured Home Park or Subdivision means where the repair, reconstruction, rehabilitation, or improvement of the streets, utilities, and pads equals or exceeds 50 percent of the value of the streets, utilities, and pads before the repair, reconstruction, or improvement commenced.

Technically Measurable means an activity and/or condition that can be modeled within the stated or commonly known accuracy of the FEMA approved hydraulic models or other engineering computations, and may have an impact on Base Flood Elevations. The Floodplain Administrator will determine if a proposed activity and/or condition meets the Technically Measurable definition.

Variance is a grant of relief to a person from the requirements of this ordinance.

Violation means the failure of a structure or other Development to be fully compliant with this ordinance. A structure or other Development without the elevation certificate, other certifications or other evidence of compliance required in Articles IV and V is presumed to be in violation, until such time as the documentation is provided.

Watercourse means a lake, river, creek, stream, channel or other topographic feature within a Special Flood Hazard Area on or over which waters flow at least periodically. Watercourse includes specifically designated areas in which substantial flood damage may occur.

Section 9-22 – 9-35. Reserved.

ARTICLE III. GENERAL PROVISIONS

Section. 9-36. Lands to which this ordinance applies.

This ordinance shall apply to all lands in the land use jurisdiction of the City of Charlotte within the area shown on the Flood Insurance Rate Maps (FIRM) or any FEMA and/or locally approved revisions to data shown on the FIRMs, as being located within the Special Flood Hazard Areas or land adjacent to the Special Flood Hazard Areas if it is effected by the work that is taking place.

Section. 9-37. Basis for establishing the Special Flood Hazard Areas

The Flood Insurance Rate Maps (FIRM), FEMA and/or locally approved revisions to data shown on the FIRMs, Flood Insurance Study and other supporting data, for Mecklenburg County including the City of Charlotte, dated February 4 2004, are adopted by reference and declared to be a part of this ordinance.

Section. 9-38. Floodplain Development Permit required.

A Floodplain Development Permit shall be required in conformance with the provisions of this ordinance prior to the commencement of any Development activities. The *Floodplain Ordinance Guidance Document* may be used for illustrative purposes to assist in determining the applicable type of Floodplain Development Permit required.

Section. 9-39. Compliance.

No structure or land shall hereafter be located, extended, converted or structurally altered without full compliance with the terms of this ordinance and other applicable regulations.

Section. 9-40. Abrogation and greater restrictions.

It is not intended by this ordinance to repeal, abrogate, annul or in any way impair or interfere with any existing provisions of laws or ordinances or any rules, regulations or permits previously adopted or issued, or which shall be adopted or issued, in conformity with law, relating to the use of buildings or premises; nor is it intended by this ordinance to interfere with or abrogate or annul any easements, covenants or other agreements between parties; provided, however, that, where this ordinance imposes a greater restriction upon the use of buildings or premises or requires larger yards, courts or other open spaces than are imposed or required by such existing provisions of laws or ordinances, or by such rules, regulations or permits or by such easements, covenants or agreements, the provisions of this ordinance shall control.

Section. 9-41. Interpretation.

In the interpretation and applications of this ordinance, all provisions shall be:

1. Considered as minimum requirements;
2. Liberally construed to meet the purposes and objectives of this regulation as stated in Sections 9-4 and 9-5 ; and
3. Deemed neither to limit nor repeal any other powers granted under state statutes.

Section. 9-42. Warning and disclaimer of liability.

The degree of flood protection required by this ordinance is considered reasonable for regulatory purposes and is based on scientific and engineering consideration. Larger floods can and will occur on rare occasions. Flood heights may be increased by manmade or natural causes. This ordinance does not imply that land outside the Special Flood Hazard Areas or uses permitted within such areas will be free from flooding or flood damages. This ordinance shall not create liability on the part of the City of Charlotte, Mecklenburg County, or on any agent, officer or employee thereof for any flood damages that result from reliance on this ordinance or by any administrative decision lawfully made hereunder.

Section. 9-43. Penalties for violation.

Violation of the provisions of this ordinance or failure to comply with any of its requirements including violation of conditions and safeguards established in connection with grants of Floodplain Development Permits, Variances or special exceptions, shall constitute a misdemeanor. Any person who violates this

ordinance or fails to comply with any of its requirements shall, upon conviction thereof, be fined not more than five hundred dollars (\$500.00) or imprisoned for not more than thirty (30) days. Each day such violation continues shall be considered a separate offense. Nothing herein contained shall prevent the City of Charlotte or the Floodplain Administrator from taking such other lawful action as is necessary to prevent or remedy any violation, including but not limited to seeking injunctive relief, orders of abatement, or other similar equitable relief.

Sections 9-44 – 9-60. Reserved.

ARTICLE IV. ADMINISTRATION AND ENFORCEMENT

Section. 9-61. Designation of Floodplain Administrator.

The City Manager designates the County Floodplain Administrator, and his or her designees, as the persons with the authority to administer, implement and enforce the provisions of this ordinance.

Section. 9-62. Floodplain Development Permits and certification requirements.

(a) A Floodplain Development Permit is required for any Development within the Community Special Flood Hazard Area (CSFHA) and is subject to the conditions below. The Floodplain Administrator is authorized to create, and amend from time to time as necessary, a Technical Guidance Document to help explain the application of the provisions of this ordinance, specifically the Floodplain Development Permit provisions, through the use of charts and related written materials. The Technical Guidance Document shall not be a part of this ordinance, and shall be solely for illustrative and educational purposes. If there is any discrepancy between the Technical Guidance Document and this ordinance, the provisions of this ordinance shall control.

(b) Floodplain Development Permits fall into one of two types: General Floodplain Development Permits (GFDP) and Individual Floodplain Development Permits (IFDP). If the proposed development activities meet the requirements of the General Floodplain Development Permit, an Individual Floodplain Development Permit is not required.

1. **General Floodplain Development Permit** – The intent of the General Floodplain Development Permit (GFDP) is to allow uses or activities in the Community Special Flood Hazard Area (including the FEMA Floodway and Community Encroachment Area) which inherently will not increase FEMA and/or Community Base Flood Elevations. The following uses and activities are permitted under a GFDP, without the need for an Individual Floodplain Development Permit, flood study or variance, as long as they result in no Technically Measurable increases in FEMA and/or Community Base Flood Elevations.

- a. General farming, pasture, horticulture, forestry, wildlife sanctuaries, gardens, lawns, landscaping and other similar activities;
- b. Utility infrastructure (poles, sewer manholes, vent pipes, underground utilities, etc.), sign poles, non-solid fences, and other similar activities.
- c. On-grade driveways, trails, sidewalks, boardwalks, roads and road maintenance; storm drainage system construction, repairs and maintenance (Major & Minor system), and other similar activities. The Floodplain Administrator must be notified in writing, including a project description and sketch plan, prior to commencement of these activities.
- d. Interior renovations with a value of less than \$10,000, to a structure with its Lowest Floor not meeting the requirements of Section 9-102 (1),(2).
- e. Interior renovations of any value, to a structure with its Lowest Floor meeting the requirements of Section 9-102 (1),(2).

2. **Individual Floodplain Development Permits.** Individual Floodplain Development Permits are required for all other projects that do not meet the requirements of a General Floodplain Development Permit. Application for an Individual Floodplain Development Permit (IFDP) shall be made to the Floodplain Administrator on forms furnished by him or her prior to any Development activities proposed to be located within the Community Special Flood Hazard Area. Requirements for submittal

are available from the Floodplain Administrator.

3. Certification Requirements.

- a. A Final As-Built Elevation Certificate (*FEMA Form 81-31*) (for either residential or non-residential buildings) or Floodproofing Certificate (*FEMA Form 81-65*) is required after construction is completed and prior to the issuance of a Certificate of Occupancy or a Temporary Certificate of Occupancy. It shall be the duty of the permit holder to submit to the Floodplain Administrator a certification of final as-built construction of the elevation or floodproofed elevation of the reference level and all attendant utilities. Said certification shall be prepared by or under the direct supervision of a registered land surveyor or professional engineer and certified by same. When floodproofing is utilized, said certification shall be prepared by or under the direct supervision of a professional engineer or architect and certified by same. The Floodplain Administrator shall review the certificate data submitted. Deficiencies detected by such review shall be corrected by the permit holder immediately and prior to the issuance of a Certificate of Occupancy or Temporary Certificate of Occupancy. In some instances, another certification may be required to certify corrected as-built construction. Failure to submit the certification or failure to make said corrections required shall be cause to withhold the issuance of a Certificate of Occupancy or Temporary Certificate of Occupancy.
- b. For proposed Development to be located outside of the Community Encroachment Area and the FEMA Floodway, a certification from a registered land surveyor or professional engineer that states that no fill material was placed within the FEMA Floodway or Community Encroachment Area of any watercourse, will be required prior to issuance of a Certificate of Occupancy or Temporary Certificate of Occupancy.
- c. For proposed Development within the Community Encroachment Area or the FEMA Floodway, an as-built topographic map prepared by a registered land surveyor or professional engineer will be required prior to issuance of a Certificate of Occupancy or Temporary Certificate of Occupancy.
- d. If a manufactured home is placed within the Floodplain and the elevation of the chassis is 36 inches or higher above adjacent grade, an engineered foundation certification is required.
- e. Certification Exemptions. The following structures, if located within the Floodplain, are exempt from the elevation/floodproofing certification requirements specified in items (a) and (b) above:
 - i. *Recreational Vehicles meeting requirements of Section 9-102 (a)(9);*
 - ii. *Temporary Structures meeting requirements of Section 9-102 (a) 10); and*
 - iii. *Accessory Structures less than 150 square feet meeting requirements of Section 9-102 (a)(11).*

Section. 9-63. Duties and responsibilities of the Floodplain Administrator.

The Floodplain Administrator is authorized to and shall perform, but not be limited to, the following duties:

1. Reviewing, approving, and issuing all Floodplain Development Permits in a timely manner to assure that the permit requirements of this ordinance have been satisfied.
2. Reviewing, approving and issuing all documents applicable to Letters of Map Change.
3. Advising the permittee that additional federal or state permits may be required; and if specific federal or state permits are known, requiring that copies of such permits be provided and maintained on file with the Floodplain Development Permit.

4. Notifying adjacent communities and the North Carolina Department of Crime Control and Public Safety, Division of Emergency Management, State Coordinator for the National Flood Insurance Program prior to any alteration or relocation of a watercourse and submitting evidence of such notification to the Federal Emergency Management Agency.
5. Assuring that within available resources, maintenance is provided within the altered or relocated portion of any altered Watercourse so that the flood-carrying capacity is not diminished.
6. Not issuing a Floodplain Development Permit for Encroachments within the Community Encroachment Area and/or the FEMA Floodway unless the certification and flood hazard reduction provisions of Article V are met.
7. Reviewing and recording the actual elevation (in relation to mean sea level) of the Lowest Floor (including basement) of all new or substantially improved structures, in accordance with Section 9-62 (3).
8. Reviewing and recording the actual elevation (in relation to mean sea level) to which the new or substantially improved non-residential structures have been floodproofed, in accordance with Section 9-62 (3).
9. Obtaining certifications from a registered professional engineer or architect in accordance with Section 9-102 (a)(2) when floodproofing is utilized for a particular non-residential structure.
10. Making the interpretation of the exact location of boundaries within the FEMA Special Flood Hazard Area or the Community Special Flood Hazard Area when, for example, there appears to be conflict between a mapped boundary and actual field conditions. The person contesting the location of the boundary shall be given a reasonable opportunity to appeal the interpretation as provided in this ordinance. Procedures for changing flood hazard area boundaries and lines depicted on the Flood Insurance Rate Maps are identified in the National Flood Insurance Program regulations (44 CFR Parts 59-78).
11. Maintaining all records pertaining to the provisions of this ordinance and making them available for public inspection.
12. Making on-site inspections of projects.
13. Serving notices of violation, issuing stop work orders, revoking permits and taking corrective actions.
14. Maintaining a copy of the Letter of Map Amendment issued from FEMA in the Floodplain Development Permit file when a property owner has received a Letter of Map Amendment (LOMA). (A LOMA is typically applied for and approved when the exact location of boundaries of the FEMA Special Flood Hazard Area conflicts with the current, natural topography information at the site.)
15. Determining the required information to be submitted with an application for approval of an Individual Floodplain Development Permit.
16. Reviewing information provided by a property owner or his designated agent for the purpose of making a determination of the total cost of repairs as it relates to a Substantial Improvement, including a determination of whether a series of repairs, reconstructions or improvements constitute one single alteration such that the total cost of the repairs, reconstructions or improvements will be the cumulative cost from the first alteration.
17. Reviewing information provided by a property owner or his designated agent for the purpose of making a determination of whether the proposed construction activities constitute New

Construction for purposes of this ordinance.

18. Reviewing and approving FEMA Conditional Letters of Map Revision and FEMA Final Letters of Map Revision if Authorized by FEMA to do so.
19. Making on-site inspections of work in progress. As the work pursuant to a Floodplain Development Permit progresses, the Floodplain Administrator shall make as many inspections of the work as may be necessary to ensure that the work is being done according to the provisions of the local ordinance and the terms of the permit.
20. Issuing stop-work orders. Whenever a building or part thereof is being constructed, reconstructed, altered or repaired in violation of this ordinance, the Floodplain Administrator may order the work to be immediately stopped. The stop order shall be in writing and directed to the person doing the work. The stop order shall state the specific work to be stopped, the specific reasons for the stoppage and the conditions under which the work may be resumed. Violation of a stop work order constitutes a misdemeanor.
21. Revoking Floodplain Development Permits. The Floodplain Administrator may revoke and require the return of the Floodplain Development Permit by notifying the permit holder in writing stating the reason for the revocation. Permits shall be revoked for any substantial departure from the approved application, plans or specifications; for refusal or failure to comply with the requirements of state or local laws; or for false statements or misrepresentation made in securing the permit. Any permit mistakenly issued in violation of an applicable state or local law may also be revoked. Revoked permits may be resubmitted for approval using the requirements of the ordinance in effect at the time of the original submittal unless they were revoked because of the intentional submission of incorrect information by the permittee or his agent, or under other circumstances where allowing resubmittal using the requirement of the ordinance in effect at the time of the original submittal would not be equitable or consistent with public policy. However, base flood elevations that govern the elevation to which the structure is built must comply with the regulations and flood elevations in effect at the time of application for the building permit.
22. Making periodic inspections. The Floodplain Administrator and each member of his inspections department shall have a right, upon presentation of proper credentials, to enter on any premises within the territorial jurisdiction of the department at any reasonable hour for the purposes of inspection or other enforcement action.
23. Providing owners of structures in the Floodplain with information concerning their flood risk, and (for structures with the Lowest Floor below the Flood Protection Elevation) inform potential buyers of Substantial Improvement restrictions through the recordation of a notice in the property chain of title or other similar notice.

Section. 9-64. Corrective Procedures.

1. Violations to be corrected. When the Floodplain Administrator finds violations of applicable state and local laws and notifies the property owner or building occupant of the violation, the owner or occupant shall immediately remedy each violation of law cited in the notice.
2. Actions in event of failure to take corrective action. If the owner or occupant of a building or property shall fail to take prompt corrective action, the Floodplain Administrator shall give written notice, by certified or registered mail to the last known address or by personal service that:

The building or property is in violation of the Floodplain Regulations;

A hearing will be held before the Floodplain Administrator at a designated place and time, not later than twenty (20) calendar days after the date of the notice; at which time the owner or occupant shall be entitled to be heard in person or by counsel and to present arguments and evidence pertaining to the matter; and

Following the hearing, the Floodplain Administrator may issue such order to alter, vacate or demolish the building, or to remove fill or other unauthorized Encroachment, as appears appropriate.

3. Order to take corrective action. If, upon a hearing held pursuant to the notice prescribed above, the Floodplain Administrator shall find that the building or Development is in violation of the Floodplain Regulations, he shall issue an order in writing to the owner or occupant, requiring the owner or occupant to remedy the violation within such period, not less than sixty (60) days, as the Floodplain Administrator may prescribe; provided that, where the Floodplain Administrator finds that there is imminent danger to life or other property, he may order that corrective action be taken in such lesser period as may be feasible.
4. Appeal. Any owner or occupant who has received an order to take corrective action may appeal the order to the Charlotte Zoning Board of Adjustment (hereinafter referred to as the "Board of Adjustment" or "Board") as provided in Article VI, Section 9-82. In the absence of an appeal, the order of the Floodplain Administrator shall be final. The Board of Adjustment shall hear an appeal within a reasonable time and may affirm, modify and affirm or revoke the order.
5. Failure to comply with order. If the owner or occupant of a building or property fails to comply with an order to take corrective action from which no appeal has been taken, or fails to comply with an order of the Board of Adjustment following an appeal, he/she shall be guilty of a misdemeanor and shall be punished in the discretion of the court. In addition, the owner or occupant shall be subject to civil enforcement as described in Article III, Section 9-43.

Sections 9-65 – 9-80. Reserved.

ARTICLE VI. APPEALS AND VARIANCES

Section 9-81. Authority of Board of Adjustment.

- (a) The Board of Adjustment shall hear and decide appeals from any order, decision, determination or interpretation made by the Floodplain Administrator pursuant to or regarding these regulations.
- (b) The Board of Adjustment shall hear and decide petitions for Variances from the requirements of this ordinance.

Section 9-82. Initiation and Filing of Appeal.

- (a) An appeal of an order, decision, determination or interpretation made by the Floodplain Administrator may be initiated by any person aggrieved by any officer, department, board or bureau of the city.
- (b) A notice of appeal in the form prescribed by the Board of Adjustment must be filed with the Board's Clerk, with a copy to the Floodplain Administrator, within twenty (20) days of the order, decision, determination or interpretation and must be accompanied by a nonrefundable filing fee as established by the city council. Failure to timely file such notice and fee will constitute a waiver of any rights to appeal under this section and the Board of Adjustment shall have no jurisdiction to hear the appeal.

Section 9-83. Standards and Hearing Procedure.

- (a) The Board of Adjustment will conduct the hearing on an appeal of an order, decision, determination or interpretation of these regulations in accordance with its normal hearing procedures as set out in the City of Charlotte Zoning Code.
- (b) At the conclusion of the hearing, the Board of Adjustment may reverse or modify the order, decision, determination or interpretation under appeal upon finding an error in the application of these regulations on the part of the Floodplain Administrator who rendered the decision, determination or interpretation. In modifying the decision, determination or interpretation, the Board will have all the powers of the officer from whom the appeal is taken.

Section 9-84. Initiation and Filing of Variance Petition.

- (a) A petition for Variance may be initiated only by the owner of the affected property, or an agent authorized in writing to act on the owner's behalf.
- (b) A petition for a Variance from these regulations in the form prescribed by the Board of Adjustment must be filed with the Board's Clerk, with a copy to the Floodplain Administrator, and be accompanied by

a nonrefundable filing fee as established by the city council.

Section 9-85. Factors for Consideration and Determination of Completeness

(a) In passing upon Variances, the Board of Adjustment shall consider all technical evaluations, all relevant factors, all standards specified in other sections of this ordinance, and the:

- a. Danger that materials allowed to be placed in the floodway as a result of the Variance may be swept onto other lands to the injury of others during a Community Base Flood;
- b. Danger to life and property due to flooding or erosion damage from a Community Base Flood;
- c. Susceptibility of the proposed facility and its contents to flood damage and the effect of such damage during the Community Base Flood;
- d. Importance of the services provided by the proposed facility to the community;
- e. Necessity to the facility of a waterfront location, where applicable;
- f. Availability of alternative locations, not subject to flooding or erosion damage during a Community Base Flood, for the proposed use;
- g. Compatibility of the proposed use with existing and anticipated Development;
- h. Relationship of the proposed use to the Mecklenburg County Floodplain Management Guidance Document, Mecklenburg County Flood Hazard Mitigation Plans, the Mecklenburg County Greenway Plan, and any other adopted land use plans for that area;
- i. Safety of access to the property in times of a Community Base Flood for ordinary and emergency vehicles.
- j. Expected heights, velocity, duration, rate of rise and sediment transport of the floodwaters during a Community Base Flood expected at the site; and
- k. Costs of providing governmental services during and after flood events, including maintenance and repair of public utilities and facilities, such as sewer, gas, electrical and water systems and streets and bridges.

(b) A written report addressing each of the above factors shall be submitted with the application for a Variance.

(c) Upon consideration of the factors listed above and the purposes of this ordinance, the Board of Adjustment may attach such conditions to the granting of Variances as it deems necessary to further the purposes of this ordinance.

(d) Variances may be issued for the repair or rehabilitation of Historic Structures upon the determination that the proposed repair or rehabilitation will not preclude the structure's continued designation as a Historic Structure and the Variance is the minimum necessary to preserve the historic character and design of the structure.

Section 9-86. Conditions for Variances.

(a) Variances shall not be issued when the Variance will make the structure in violation of other Federal, State, or local laws, regulations, or ordinances.

(b) Variances shall not be issued within any designated Floodway if the Variance would result in any increase in flood levels during the Community and/or FEMA Base Flood discharge unless the requirements of 9-102 (a) (6) are met.

(c) Variances shall only be issued upon a determination that the Variance is the minimum necessary, considering the flood hazard, to afford relief.

(d) Variances shall only be issued prior to approval of a Floodplain Development Permit.

Section 9-87. Standards for Granting Variance.

(a) Variances shall only be issued upon:

- (i) a showing of good and sufficient cause;
- (ii) a determination that failure to grant the Variance would result in exceptional hardship; and

(iii) a determination that the granting of a Variance will not result in increased flood heights (unless the requirements of Section 9-102 (a)(6) are met), additional threats to public safety, extraordinary public expense, create nuisance, cause fraud on or victimization of the public, or conflict with other existing local laws or ordinances.

(b) The fact that the property could be utilized more profitably or conveniently with the Variance than without the Variance shall not be considered as grounds for granting the Variance.

Section 9-88. Miscellaneous Conditions.

(a) In addition to consideration of the items in 9- 85(a), if Dryland Access cannot be obtained, a Variance to the requirement for Dryland Access may be granted by the Board of Adjustment upon consideration of the following conditions:

- a. a determination that all possible alternatives have been investigated in an attempt to provide the safest access from a proposed Habitable Building to a dry public street.
- b. the existence of a site plan prepared by a Licensed Land Surveyor or Professional Engineers indicating that the proposed access to Habitable Buildings on the property poses the least risk from flooding.

(b) In addition to consideration of the items in 9-85(a), a Variance may be issued by the Board of Adjustment for solid waste disposal facilities, hazardous waste management facilities, salvage yards, and chemical storage facilities that are located in Special Flood Hazard Areas provided that all of the following criteria are met:

- a. The use serves a critical need in the community.
- b. No feasible location exists for the use outside the Special Flood Hazard Areas.
- c. The Lowest Floor of any structure is elevated above the Community Base Flood Elevation or is designed and sealed by a Professional Engineer or a Registered Architect to be watertight with walls substantially impermeable to the passage of water and with structural components capable of resisting hydrostatic and hydrodynamic loads and the effects of buoyancy.
- d. There will be no storage of materials or tanks which could flood within the Special Flood Hazard Area unless they are contained in a structure as defined in c) above.
- e. The use complies with all other applicable laws and regulations.
- f. The City has notified the Secretary of the North Carolina Department of Crime Control and Public Safety of its intention to grant a variance at least thirty (30) calendar days prior to granting the Variance.

Section 9-89. Notification and Recordkeeping.

(a) Any applicant to whom a Variance from the FEMA Base Flood Elevation is granted shall be given written notice specifying the difference between the FEMA Base Flood Elevation and the elevation to which the structure is to be built and a written statement that the cost of flood insurance will be commensurate with the increased risk resulting from the reduced Lowest Floor elevation. Such notification shall be maintained with a record of all Variance actions.

(b) The Floodplain Administrator shall maintain the records of all appeal actions and report any variances regarding FEMA minimum standards to the Federal Emergency Management Agency and the State of North Carolina upon request.

Section 9-90. Appeal from Board of Adjustment.

(a) Any person aggrieved by the final decision of the Board of Adjustment to grant or deny a Floodplain Development Permit shall have 30 days to file an appeal to Mecklenburg County Superior Court, as provided in N.C.G.S. 143-215.57 (e).

(b) Any party aggrieved by the decision of the Board of Adjustment related to any other order, decision, determination or interpretation of these regulations, including the granting or denial of a Variance, shall have 30 days from the receipt of the Board's decision to file a petition for review in the nature of *certiorari* in Mecklenburg County Superior Court.

ARTICLE V. PROVISIONS FOR FLOOD HAZARD REDUCTION

Section. 9-101. General standards.

(a) In all Special Flood Hazard Areas, the following provisions are required:

1. All New Construction and Substantial Improvements shall be anchored to prevent flotation, collapse or lateral movement of the structure;
2. Manufactured Homes shall be anchored to prevent flotation, collapse or lateral movement. Methods of anchoring may include, but are not limited to, the use of over-the-top or frame ties to ground anchors. This standard shall be in addition to and consistent with applicable state requirements for resisting wind forces;
3. All New Construction and Substantial Improvements shall be constructed with materials and utility equipment resistant to flood damage;
4. All New Construction or Substantial Improvements shall be constructed by methods and practices that minimize flood damage;
5. **Electrical, heating, ventilation, plumbing, air-conditioning equipment and other service facilities shall be designed, constructed or installed at least one foot (two (2) feet along the Catawba River including Lake Wylie, Mountain Island Lake, and Lake Norman) above the Community Base Flood Elevation. These include but are not limited to HVAC equipment, water softener units, bath/kitchen fixtures, electric meter panels/boxes, utility/cable boxes, appliances (i.e., washers, dryers, refrigerator, etc.), hot water heaters, electric wiring, and outlets/switches;**
6. All new and replacement water supply systems shall be designed to minimize or eliminate the infiltration of floodwaters into the system;
7. New and replacement sanitary sewage systems shall be designed to minimize or eliminate the infiltration of floodwaters into the system and discharges from the systems into floodwaters;
8. On-site waste disposal systems shall be located and constructed to avoid impairment to them or contamination from them during flooding;
9. Any alteration, repair, reconstruction or improvements to a structure which is in compliance with the provisions of this ordinance, shall meet the requirements of "New Construction" as contained in this ordinance;
10. Construction of new solid waste disposal facilities, hazardous waste management facilities, salvage yards, and chemical storage facilities shall not be permitted in Special Flood Hazard Area. A structure or tank for chemical or fuel storage incidental to an allowed use or to the operation of a water treatment plant or wastewater treatment facility may be located in a Special Flood Hazard Area only if the structure or tank is either elevated above the Community Base Flood Elevation or designed to be watertight with walls substantially impermeable to the passage of water and with structural components capable of resisting hydrostatic and hydrodynamic loads and the effects of buoyancy;
11. Any new critical facility must be located outside of the 500-year (0.2%) flood fringe area and elevated at least one foot above the 500-year (0.2%) flood elevation or the Community Base Flood

Elevation whichever is greater. The determination of this flood fringe area and elevation will be provided by the Floodplain Administrator;

12. Subdivisions. All Development proposals submitted for review and approval in accordance with the City of Charlotte Subdivision Ordinance shall also comply with the following provisions:
 - a. locate and construct public utilities and facilities, such as sewer, gas, electrical and water systems, to minimize flood damage;
 - b. construct all new streets located in a Community Special Flood Hazard Area in accordance with the applicable provisions of the Subdivision Ordinance;
 - c. design and construct adequate drainage to reduce exposure to flood hazards; and
 - d. take such other appropriate measures needed to minimize flood damage.

13. For the purpose of determining Substantial Improvement, the Floodplain Administrator shall make a determination of the total cost of repairs as it relates to a Substantial Improvement, including a determination of whether a series of repairs, reconstructions or improvements constitute one single alteration such that the total cost of the repairs, reconstructions or improvements will be the cumulative cost from the first alteration.

Section. 9-102. Specific standards.

(a) In all Community and FEMA Special Flood Hazard Areas where Community and FEMA Base Flood Elevation data have been provided, as set forth in Section 9-37, the following provisions are required:

1. Residential construction.

New Construction or Substantial Improvement of any residential structure shall have the Lowest Floor, elevated at least one foot above the Community Base Flood Elevation. Along the Catawba River, including Lake Wylie and Mountain Island Lake, New Construction or Substantial Improvement of any residential structure shall have the Lowest Floor, including basement, and attached garages, elevated at least two feet above the FEMA Base Flood Elevation. Where a lot is impacted by FEMA and/or Community Base Flood Elevations from both the Catawba River and a stream flowing into the Catawba River, the higher of the FEMA and/or Community Base Flood Elevations will apply.

a. Substantial Improvement - Community Base Flood Elevation Exemption.

Existing buildings having the Lowest Floor located at least one foot above the FEMA Base Flood Elevation, but less than one foot above the Community Base Flood Elevation that are proposing a Substantial Improvement, are exempt from elevating the Lowest Floor above the Flood Protection Elevation. However, the property owner must record an Affidavit of Floodplain Construction below Community Base Flood Elevation ("Affidavit") with the Mecklenburg County Register of Deeds Office prior to the issuance of a building permit. The Affidavit (provided in the Technical Guidance Document) will acknowledge that the property owner elected to proceed with the renovations/rehabilitations, and was made aware of the Community Base Flood Elevations and that in the future there will be:

- i. potential for flood losses,
- ii. potential for mandatory purchase of flood insurance,
- iii. potential for FEMA substantial improvement rules to apply, and
- iv. no local funds available for flood mitigation assistance (buyouts, elevations, etc).

b. Non-substantial Improvements Notice

Renovations/rehabilitations costing between 25% and 50% of the Market Value of the existing building and said building having the Lowest Floor below the Flood Protection Elevation, will require the property owner to record a Notice of Floodplain Improvements (provided in the Technical Guidance Document) with the Mecklenburg County Register of Deeds Office prior to the issuance of a Building Permit.

2. Nonresidential construction.

New Construction or Substantial Improvement of any commercial, industrial or nonresidential structure shall meet the requirements for residential construction in Section 9-102 (a), 1 above, or the structure may

be floodproofed in lieu of elevation, provided that all areas of the structure below the required elevation are watertight with walls substantially impermeable to the passage of water, using structural components having the capability of resisting hydrostatic and hydrodynamic loads and the effects of buoyancy. A registered professional engineer or architect shall certify that the standards of this subsection are satisfied. Such certification shall be provided to the official as set forth in Section 9-62 (3).

3. New Buildings Removed From the FEMA Special Flood Hazard area by Fill.

When new buildings have been constructed on land that has been removed from the FEMA Special Flood Hazard Area by the placement of fill, they must have the Lowest Floor (including basement) elevated at least one foot (two feet on the Catawba River) above the Community Base Flood Elevation.

4. Elevated buildings.

New Construction or Substantial Improvement of elevated buildings, that include fully enclosed areas formed by foundation and other exterior walls below the Community Base Flood Elevation shall meet the requirements of Section 9-102 (a), and shall be designed to preclude finished living space and designed to allow for the entry and exit of floodwaters to automatically equalize hydrostatic flood forces on exterior walls.

- a. Designs for complying with this requirement must either be certified by a professional engineer or architect or meet the following minimum criteria:
 - i. Provide a minimum of two (2) openings, having a total net area of not less than one (1) square inch for every square foot of enclosed area subject to flooding;
 - ii. The bottom of all openings shall be no higher than one (1) foot above adjacent grade at the opening ;
 - iii. Openings may be equipped with screens, louvers, valves or other coverings or devices, provided they permit the automatic flow of floodwaters in both directions;
 - iv. Openings must be on different sides of the enclosed area if possible; and
 - v. If the building has more than one enclosed area, each must have openings.
- b. Foundation enclosures:
 - i. *Vinyl or sheet metal skirting is not considered an enclosure for regulatory and flood insurance rating purposes. Therefore such skirting does not require hydrostatic openings as outlined above.*
 - ii. *Masonry or wood underpinning, regardless of structural status, is considered an enclosure and requires hydrostatic openings as outlined above to comply with this ordinance.*
- c. Access to the enclosed area shall be the minimum necessary to allow for parking of vehicles (garage door) or limited storage of maintenance equipment used in connection with the premises (standard exterior door) or enter to the living area (stairway or elevator).
- d. The interior portion of such enclosed area shall not be partitioned or finished into separate rooms, except to enclose storage areas.

5. Dryland Access. Access to Habitable Buildings during a flood event is extremely hazardous.

Dryland Access must be provided to new or Substantially Improved Habitable Buildings according to the following criteria:

Dryland Access is required if any portion of either the Habitable Building or vehicular access route, connecting the Habitable Building to a public street, is within the Floodplain. If Dryland Access cannot be obtained, a Variance to the requirement for Dryland Access may be granted by the Board of Adjustment. Plans and details for the Dryland Access must be

submitted by a registered professional engineer or surveyor and approved by the Floodplain Administrator.

The following are exempt from the Dryland Access requirement.

- a. Substantial Improvement to an existing Habitable Building where the property does not have any access to a Dry Public Street.
- b. Construction of a new Habitable Building where both the Habitable Building and the access route connecting it to a public street, are located entirely outside the Community Encroachment Area and where the property does not have any access to a Dry Public Street. Under this exemption, access from the Habitable Building to the public street must:
 - i. Connect to the highest point of the public street adjacent to the property;
 - ii. Be constructed of gravel, pavement or concrete and be at least 12' wide; and
 - iii. Be constructed entirely at or above the elevation of highest point of the public street adjacent to the property.

6. FEMA Floodway and Community Encroachment Area. The FEMA Floodway and the Community Encroachment Area are very hazardous areas due to the velocity of floodwaters which carry debris and potential projectiles and have erosion potential. The following provisions shall apply within each of these designated areas:

- a. Community Encroachment Area. No Encroachments, requiring an Individual Floodplain Development Permit (Section 9-62), including fill, New Construction, Substantial Improvements and other Development shall be permitted within the Community Encroachment Area unless it has been demonstrated through hydrologic and hydraulic analysis performed in accordance with standard engineering practice that such Encroachment would not result in increased flood heights of greater than 0.10' during the occurrence of a Community Base Flood. Such certification and associated technical data by a registered engineer shall be approved by the Floodplain Administrator. Any change which would cause a rise of more than 0.10' in the Community Base Flood Elevation will require notification of impacted property owners, and a Community Conditional Letter Of Map Revision (CoCLOMR) from the Floodplain Administrator. If approved and constructed, as-built plans must be submitted and approved by the Floodplain Administrator and a Community Letter of Map Revision (CoLOMR) issued. A Certificate of Occupancy will not be issued without the above stated Community Letter of Map Revision.

Projects impacting existing Habitable Buildings that increase the Community Base Flood Elevation more than 0.00' will not be allowed without a Variance.

- b. FEMA Floodway. No Encroachments requiring an Individual Floodplain Development Permit (Section 9-62), including fill, New Construction, Substantial Improvements and other Development shall be permitted within the FEMA Floodway unless it has been demonstrated through hydrologic and hydraulic analysis performed in accordance with standard engineering practice that such Encroachment would not result in any (0.00') increase in the FEMA Base Flood Elevations during the occurrence of a FEMA Base Flood and no increase in the Community Base Flood Elevations during the occurrence of the Community Base Flood. Such analysis performed by a registered professional engineer shall be approved by the Floodplain Administrator. Any change which would cause a rise in the FEMA Base Flood Elevation or an increase in the FEMA Floodway width during the occurrence of the FEMA Base Flood will require notification of impacted property owners, and a Conditional Letter Of Map Revision from FEMA. If approved and constructed, as-built plans must be submitted by the property owner and approved by FEMA and a Letter Of Map Revision issued. A Certificate of Occupancy will not be

issued without the above stated Conditional Letter of Map Revision.

Any change which would cause a rise in the Community Base Flood Elevation or an increase in the width of the Community Encroachment Area during the occurrence of the Community Base Flood will require notification of impacted property owners, and a Community Conditional Letter Of Map Revision (CoCLOMR).

Projects which cause a rise of greater than 0.00' in the FEMA Base Flood Elevation and impact an existing Habitable Building, will not be allowed.

- c. No manufactured homes shall be permitted, except in an existing manufactured home park or subdivision. A replacement manufactured home may be placed on a lot in an existing manufactured home park or subdivision provided the anchoring and the elevation standards of Section 9-102 (a)(8) are met.

7. Additions/Improvements.

- a. Additions and/or improvements to pre-FIRM structures whereas the addition and/or improvements in combination with any interior modifications to the existing structure
 - i. *are not a Substantial Improvement, the addition and/or improvements must be designed to minimize flood damages and must not be any more non-conforming than the existing structure.*
 - ii. *are a Substantial Improvement, both the existing structure and the addition and/or improvements must comply with the standards of Section 9-102, (a), 1.*
- b. Additions to post-FIRM structures with no modifications to the existing structure shall require only the addition to comply with the standards of Section 9-102, (a), 1
- c. Additions and/or improvements to post-FIRM structures whereas the addition and/or improvements in combination with any interior modifications to the existing structure
 - i. *are not a Substantial Improvement, the addition and/or improvements only must comply with the standards for New Construction.*
 - ii. *are a Substantial Improvement, both the existing structure and the addition and/or improvements must comply with the standards of Section 9-102, (a), 1.*
- d. Where a fire wall or independent perimeter load-bearing wall is provided between the addition and the existing building, the addition(s) shall be considered a separate building and only the addition must comply with the standards for New Construction.

8. Manufactured Homes:

New, replaced, or substantially improved Manufactured homes located: outside a manufactured home park or subdivision; in a new manufactured home park or subdivision; in an expansion to an existing manufactured home park or subdivision; or in an existing manufactured home park or subdivision, must be elevated on a permanent foundation such that the Lowest Floor of the manufactured home is elevated at least one (1) foot above the Community Base Flood Elevation and be securely anchored to an adequately anchored foundation system to resist flotation, collapse, and lateral movement.

- a. Manufactured homes shall be anchored to prevent flotation, collapse, or lateral movement. For the purpose of this requirement, manufactured homes must be anchored to resist flotation, collapse, or lateral movement in accordance with the Regulations for Mobile Homes and Modular Housing adopted by the Commissioner of Insurance pursuant to NCGS 143-143.15. Additionally, when the elevation would be met by raising the chassis at least 36 inches or less above the grade at the

site, the chassis shall be supported by reinforced piers or other foundation elements of at least equivalent strength. When the elevation of the chassis is above 36 inches in height an engineering certification is required.

- b. An evacuation plan must be developed for evacuation of all residents of all new, substantially improved or substantially damaged manufactured home parks or subdivision located within the Special Flood Hazard Area. This plan shall be filed with and approved by the Floodplain Administrator and the local Emergency Management Coordinator.

9. Recreational Vehicles shall either:

- a. be on site for fewer than 180 consecutive days and be fully licensed and ready for highway use (a recreational vehicle is ready for highway use if it is on its wheels or jacking system, is attached to the site only by quick disconnect type utilities, and has no permanently attached additions); or
- b. meet all the requirements for New Construction.

10. Temporary Structures. Prior to issuance of a Floodplain Development Permit for a temporary structure the following requirements must be met:

- a. All applicants must submit to the Floodplain Administrator a plan for removal of such structure(s) in the event of a hurricane or flash flood notification. The plan must include the following information:
 - i. a specified time period for which the temporary use will be permitted. The time specified may not exceed three months, and is renewable up to one year;
 - ii. the name, address, and phone number of the individual responsible for the removal of the structure;
 - iii. the time frame prior to the event at which a structure will be removed;
 - iv. a copy of the contract or other suitable instrument with a trucking company to ensure the availability of removal equipment when needed; and
 - v. designation, accompanied by documentation, of a location outside the floodplain to which the temporary structure will be removed.
- b. The above information shall be submitted in writing to the Floodplain Administrator for review and written approval.

11. Accessory Structure. When accessory structures (sheds, detached garages, etc.), are to be placed in the Floodplain the following criteria shall be met:

- a. Accessory structures shall not be used for human habitation (including working, sleeping, living, cooking or restroom areas);
- b. Accessory structures shall be designed to have a low flood damage potential;
- c. Accessory structures shall be firmly anchored in accordance with Section 9-101(a)(1); and
- d. Service facilities such as electrical and heating equipment shall be elevated in accordance with Section 9-101 (a)(5).
- e. Accessory structures shall have hydrostatic openings per Section 9-102 (a)(4).
- f. Accessory structures under 150 square feet do not require an elevation or floodproofing certificate.
- g. Accessory structures shall not be temperature-controlled

12. All parking areas for new or substantially improved non-single family Habitable buildings must be at

an elevation such that water depths would be less than 6" deep in any parking space during the occurrence of a Community Base Flood.

13. Levees. In all Community and FEMA Special Flood Hazard Areas where Community and FEMA Base Flood Elevation data have been provided, the following provisions for Levees are required as set forth in Section 9-37.

General Levee Requirements

1. Levees will be treated as Development in the Floodplain and are subject to all applicable sections of this Ordinance.
2. The primary purpose of a Levee must be to protect Habitable Buildings from flooding above the Lowest Floor from a Community Base Flood event. However, the protection of buildings that are not Habitable Buildings or Habitable Buildings that flood in less than the Community Base Flood event are permissible incidental results of the location of the Levee.
3. With the exception of a Levee that protects a building or feature that must be located in the vicinity of a stream to be functional such as a stream monitor, water/sewer facility or other uses approved by the Floodplain Administrator, Levees require the approval of the Director of Mecklenburg County Storm Water Services, or his designee, regardless of their location within the Community Special Flood Hazard Area (entire Floodplain).
4. With the exception of a Levee that protects a building or feature that must be located in the vicinity of a stream to be functional such as a stream monitor, water/sewer facility or other uses approved by the Floodplain Administrator, the owner of the Levee and the Director of Mecklenburg County Storm Water Services, or his designee, shall conduct an Open House Forum prior to consideration of approval. The Open House Forum initiates a 30-day comment period for the Director or his designee to receive comments from the public.
5. Owners of land adjacent to a proposed Levee shall be notified of the Open House Forum and be provided an opportunity to submit written comments during the 30-day comment period. Notification is to occur through regular mail, as well as a sign being placed at a conspicuous place at the creek and along the public and private road(s) of the properties that would be protected by the proposed Levee.
6. After the end of the 30-day comment period, but no more than 60 days from the end of the comment period, the Director shall approve or disapprove the application or request more information from the owner of the Levee. If the Director determines that the additional information is sufficiently significant, the Director may offer an additional 30-day comment period to all parties involved. Consistent with Article VI, the Director's decision may be appealed to the Zoning Board of Adjustment
7. Regardless of whether the proposed Levee would meet FEMA certification requirements, floodplain lines and flood elevations will not be modified based on the location, performance or any other aspects of the Levee.

Levee Permitting Requirements

Prior to the issuance of a Floodplain Development Permit for construction of a proposed Levee, the applicant must submit the following information in writing to the Floodplain Administrator for review and written approval:

- a. Plans and/or specifications showing the location of the proposed Levee is as far away from the adjacent creek as reasonably possible;
- b. A copy of the written approval for the Levee received from the Director of Mecklenburg County Storm Water Services;
- c. Verification of notification to owners of land adjacent to the proposed Levee (those within 500 feet of

the property lines of the parcel on which the proposed Levee is to be located or within a distance equal to the length of the proposed Levee, whichever is greater), Notification is also to include properties that are in the Community Special Flood Hazard Area and within the hydraulic modeling limits as described below;

- d. Copies of all written comments received from property owners referenced above;
- e. Hydrologic and hydraulic flood models showing the proposed-conditions if the Levee is proposed to be located within the Community Encroachment Area and that accounts for the future construction of other Levees;
- f. A copy of the contract with the entity responsible for construction of the proposed Levee;
- g. A copy of the maintenance plan for the Levee which has been certified by a NC Professional Engineer, which shall include a description of the process by which the Levee will be inspected annually and provide for updated plans to be provided annually to property owners and residents intended to benefit from the Levee.

Section. 9-103. Standards for streams with drainage areas of one square mile or greater not having established Community or FEMA Base Flood Elevations and Community Encroachment Areas and FEMA Floodways.

All streams in Mecklenburg County with drainage areas of one square mile or greater, have established Community and FEMA Base Flood Elevations and Community Encroachment Areas and FEMA Floodways.

Article VII. LEGAL STATUS PROVISIONS

Section 9-104. Legal Status Provisions

1. Effect on rights and liabilities under the existing Floodway Regulations.

This ordinance in part comes forward by re-enactment of some of the provisions of the Floodway Regulations enacted _____ (original adoption date of this ordinance) as amended, and it is not the intention to repeal but rather to re-enact and continue to enforce without interruption such existing provisions, so that all rights and liabilities that have accrued thereunder are reserved and may be enforced.

The enactment of this ordinance shall not affect any action, suit or proceeding instituted or pending. All provisions of the Floodway Regulations of Charlotte enacted on _____ (original adoption date of this ordinance), as amended, which are not reenacted herein, are repealed.

2 Effect upon outstanding Floodplain Development Permits.

Nothing herein contained shall require any change in the plans, construction, size or designated use of any Development or any part thereof for which a **Floodplain Development Permit** has been granted by the Floodplain Administrator before the time of passage of this Floodplain Regulation ordinance; provided, however, that when construction is not begun under such outstanding permit within a period of two (2) years subsequent to passage of this ordinance or any revision thereto, such permit shall become void and construction or use shall be in conformity with the provisions of this ordinance.

Any application(s) for a Floodplain Development Permit received prior to the effective date of these Floodplain Regulations shall be reviewed under the regulations in effect at the time of the initial application. Any incomplete application(s) for a Floodplain Development Permit will be valid only for ninety (90) days after the Floodplain Administrator has requested additional information from the applicant or his agent. If ninety (90) days after the owner or his agent has received the request for

additional information the applicant has failed to submit reasonably complete information that demonstrates a good faith effort to provide all the additional information requested, as determined by the Floodplain Administrator, the application will become void. Any subsequent submittals will be considered as new applications and reviewed under the regulations in effect on the date the subsequent submittal is received by the Floodplain Administrator.

3. Expiration of Floodplain Development Permits issued after Floodplain Regulation adoption.

Individual Floodplain Development Permits issued pursuant to this ordinance expire two years after the date of issuance unless (i) the work has commenced within two (2) years after the date of issuance, or (ii) the issuance of the permit is legally challenged in which case the permit is valid for two (2) years after the challenge has been resolved.

Any incomplete application(s) for an Individual Floodplain Development Permit will be valid only for ninety (90) days after the Floodplain Administrator has requested additional information from the applicant or his agent. If ninety (90) days after the owner or his agent has received the request for additional information the applicant has failed to submit reasonably complete information that demonstrates a good faith effort to provide all the additional information requested, as determined by

the Floodplain Administrator, the application will become void. Any subsequent submittals will be considered as new applications and reviewed under the regulations in effect on the date the subsequent submittal is received by the Floodplain Administrator.

EFFECTIVE DATE.

This ordinance shall become effective July 1, 2007.

ADOPTION CERTIFICATION

I, Brenda R. Freeze, City Clerk of the City of Charlotte, North Carolina, DO HEREBY CERTIFY that the foregoing is a true and exact copy of an Ordinance adopted by the City Council of the City of Charlotte, North Carolina, in regular session convened on the 23rd day of April, 2007, the reference having been made in Minute Book 125, and recorded in full in Ordinance Book 54, Pages (869-896).

WITNESS my hand and the corporate seal of the City of Charlotte, North Carolina, this the 25th day of April, 2007.



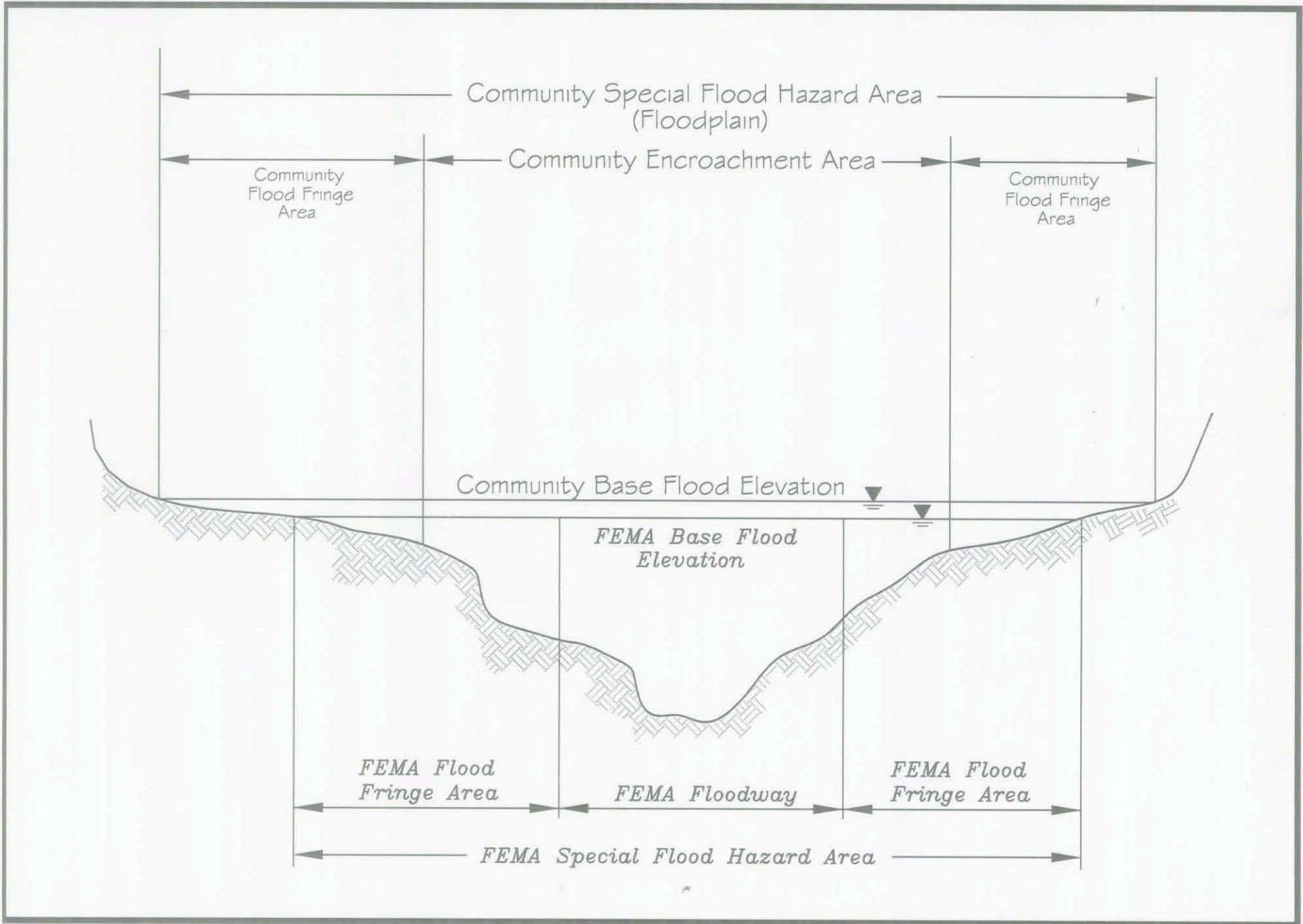
Brenda R. Freeze, CMC, City Clerk

Approved as to form:



Justin A. Barrett
City Attorney

Attachment A



Attachment B

