

LAND SCHEDULES

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LAND TYPES AND DESCRIPTIONS

Land Type	LAND DESCRIPTIONS
B) Improved	Residential Building Site - value includes cost of normal site preparation, landscaping, and well and septic tank service.
B1) Improved with Public Water	Residential Building Site - same as above with public water available to site, with public sewer system available in some cases
S) Secondary	Secondary Building Site - value includes cost of minimal site preparation, landscaping, and well and septic tank service. Example the site of a single wide home located behind the main house on a particular parcel
S1) Secondary with Public Water	Secondary Building Site - same as above with public water available to site, with public sewer system available in some cases.
U) Undeveloped	Land that is either being actively developed, being prepared for development, or is suitable for and likely to be developed in the near future. Typically located in suburban areas with many active subdivisions and concentrated population centers. Public water is normally available and in some cases public sewer services exists.
R) Residual	Land with nominal value, typically land which only has value relative to its contribution to the overall parcel value. Example: an improved parcel which consists of 1 .25 acres, one acre will be classified as an Improved Site with the remaining .25 acres priced as residual land
ZV) Zero Value	Land segment used for descriptive purposes to identify quantities of land for reference Example can be used to identify the number of Agricultural Land Use acres in a given land segment.
FP) Flood Plain	Land located within the boundaries of designated 100 year flood plains. Value for Flood Plain Land takes into account the topographic features peculiar to this type of property.

CA) Common Area	Allocation of value to individual properties located in townhouse or condominium developments. Value includes interest in all common areas, e.g. parking areas, pools, tennis courts, etc.
W) Wasteland	Land which is unsuitable for any practical use. Example: land located under the waters of the South Fork River.
AP) Apartment Improved	Apartment Building Site - includes cost typical site preparation, landscaping and water and sewer access.
CB) Commercial Improved	Commercial Building Site-includes cost of typical site preparation. landscaping and water and sewer system access.
CS) Commercial Secondary	Commercial Building Site - includes cost of minimal site preparation, landscaping, and water and sewer service.
CR) Commercial Residual	Commercial land which has nominal value, typically land which only has value relative to its contribution to the overall parcel value.
CU) Commercial Undeveloped	Vacant Commercial Land which is suitable in size, zoning and location for commercial development.
IB) Industrial Improved	Industrial Building Site - includes cost of typical site preparation, landscaping and water and sewer system access.
IS) Industrial Secondary	Industrial Secondary Site - includes cost of minimal site preparation, landscaping, and water and sewer service.
IU) Industrial Undeveloped	Vacant Industrial Land which is suitable in size, zoning and location for industrial development.
IR) Industrial Residual	Industrial land which has nominal value, typically land which only has value relative to its contribution to the overall parcel value.
EB) Exempt Improved	Exempt Building Site - value includes cost of normal site preparation, landscaping and water and sewer service.

ES) Exempt Secondary	Exempt Building Site - value includes cost of minimal site preparation, landscaping, and water and sewer service.
EU) Exempt Undeveloped	Vacant Exempt Land which is suitable in size, zoning and location for exempt or governmental development.
ER) Exempt Residual	Exempt land which has nominal value, typically land which only has value relative to its contribution to the overall parcel value.

VALUATION GUIDELINES

- 1) Rural - Remote or sparsely developed areas of the county where much of the land is being actively farmed or lying idle. Turnover is infrequent and development is generally limited to major highway intersections and rural hamlet communities. Public water may or may not be available. The majority of homes and businesses in rural areas are served by individual wells and septic systems.
- 2) Suburban - Areas in the county in which development is occurring or has reached equilibrium stage. Includes typical subdivisions, concentrated communities, surrounding cities, and towns. Pockets of commercial and industrial properties are prevalent. Public water is normally available and in some cases sanitary sewer services exist.
- 3) Urban - Areas within or immediately surrounding cities or towns with a high density of housing, commercial and industrial properties. Land is almost always bought and sold with the intent to develop. Turnover is frequent and development is rapid. Public water and sewer are readily available.
- 4) Triangle Suburban - Areas in the county in which rapid development is occurring or has reached equilibrium stage. Includes typical subdivisions, concentrated communities, bordering or in close proximity to Orange, Durham and Wake counties. Pockets of commercial and industrial properties are prevalent. Public water is normally available and in some cases sanitary sewer services exist.

LAND PRICING GUIDELINES

Acreage Method

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Land Type	Rural	Suburban	Urban	Triangle Suburban
AC B	\$12000 - \$40000	\$15000 - \$60000	\$20000 - \$150000	\$40000 - \$1000000
AC BI	\$14500 - \$42500	\$17500 - \$62500	\$22500 - \$152500	\$42500 - \$1000000
AC AP	\$12000 - \$25000	\$15000 - \$50000	\$20000 - \$100000	\$50000 - \$150000
AC S	\$ 9000 - \$30000	\$11250 - \$45000	\$15000 - \$125000	\$30000 - \$750000
AC SI	\$11500 - \$32500	\$13750 - \$47500	\$17500 - \$127500	\$32500 - \$750000
AC U	\$ 4800 - \$16000	\$ 6000 - \$24000	\$ 8000 - \$60000	\$16000 - \$400000
AC R	\$ 3000 - \$ 10000	\$ 3750 - \$15000	\$ 5000 - \$37500	\$10000 - \$250000
AC W	\$ 600 - \$ 1250	\$ 750 - \$ 2000	\$ 1000 - \$ 5000	\$ 500 - \$ 25000
AC CB	\$15000 - \$50000	\$20000 - \$120000	\$40000 - \$500000	\$100000 - \$1000000
AC CU	\$ 6000 - \$20000	\$ 8000 - \$48000	\$16000 - \$200000	\$ 40000 - \$400000
AC CR	\$ 3500 - \$12500	\$ 5000 - \$30000	\$10000 - \$125000	\$ 25000 - \$250000
AC CS	\$11000 - \$37500	\$15000 - \$90000	\$30000 - \$375000	\$ 75000 - \$750000
AC IB	\$10000 - \$40000	\$15000 - \$60000	\$20000 - \$ 100000	\$ 25000 - \$150000
AC IU	\$ 4000 - \$ 16000	\$ 6000 - \$24000	\$ 8000 - \$ 40000	\$ 10000 - \$ 60000
AC IS	\$ 7500 - \$30000	\$12000 - \$45000	\$15000 - \$ 75000	\$ 18750 - \$ 125000
AC IR	\$ 2500 - \$ 10000	\$ 3800 - \$15000	\$ 5000 - \$ 25000	\$ 6250 - \$ 40000
AC FP	\$ 1200 - \$ 2000	\$ 1200 - \$ 2000	\$ 1200 - \$ 2000	\$ 1200 - \$ 2000
AC EB	\$12000 - \$25000	\$15000 - \$40000	\$20000 - \$100000	\$ 40000 - \$500000
AC EU	\$ 4800 - \$10000	\$ 6000 - \$16000	\$ 8000 - \$ 40000	\$ 16000 - \$200000
AC ES	\$ 9000 - \$20000	\$12000 - \$30000	\$15000 - \$ 75000	\$ 30000 - \$375000
AC ER	\$ 3000 - \$ 6000	\$ 3800 - \$10000	\$ 5000 - \$ 25000	\$ 16000 - \$125000

DRAFT**Lot Method**

Land Type	Rural	Suburban	Urban	Triangle Suburban
LT B	\$9000 - \$30000	\$11250 - \$50000	\$15000 - \$150000	\$30000 - \$750000
LT B1	\$10875 - \$32500	\$13125 - \$52500	\$ 6875 - \$150000	\$31875 - \$750000
LT U	\$ 3600 - \$ 10000	\$ 4500 - \$20000	\$ 6000 - \$60000	\$12000 - \$300000
LT R	\$ 2250 - \$ 6500	\$ 2800 - \$ 12500	\$ 3750 - \$40000	\$ 7500 - \$225000

Square Foot Method

Land Type	Rural	Suburban	Urban	Triangle Suburban
SS CB	\$ 0.35 - \$ 1.50	\$ 0.50 - \$ 5.00	\$ 1.00 - \$ 20.00	\$2.50 - \$25.00
SSCS	\$ 0.25 - \$ 1.25	\$ 0.40 - \$ 4.00	\$ 0.75 - \$ 15.00	\$1.90 - \$ 20.00
SSCU	\$ 0.15 - \$ 0.60	\$ 0.20 - \$ 2.00	\$ 0.40 - \$ 8.00	\$1.00 - \$ 10.00
SSCR	\$ 0.05 - \$ 0.40	\$ 0.10 - \$ 1.25	\$ 0.25 - \$ 4.00	\$0.65 - \$ 6.50
SS IB	N/A	\$ 0.35 - \$ 1.50	\$ 0.50 - \$ 2.50	\$0.65 - \$ 5.00
SS IS	N/A	\$ 0.25 - \$ 1.25	\$ 0.35 - \$ 2.00	\$ 0.50 - \$ 4.00
SS IU	N/A	\$ 0.15 - \$ 0.60	\$ 0.20 - \$ 1.00	\$ 0.26 - \$ 2.00
SS IR	N/A	\$ 0.05 - \$ 0.40	\$ 0.10 - \$ 0.65	\$ 0.20 - \$ 1.25

LAND INFLUENCE FACTORS**GENERAL:**

The technique of land pricing, as described in other sections of this manual, provides for the development of unit land rates for all classes of real property within a given area or neighborhood. These land rates are developed from verified, recent sales and are expected to reflect market value for various prevalent land types as of the effective valuation date for each given area.

Land rates will be developed for parcels in the following Categories:

Lot
Square Foot
Acreage

It is significant to point out that assigned land rates are based on typical or normal conditions for that class of property and land type within a specific neighborhood or area. It is likely that some number of specific parcels, within a neighborhood, will have unique factors affecting the value of that land parcel. These "Land Influence Factors" may affect the value of a specific parcel beneficially or detrimentally. I.E., plus or minus compared to the norm for the neighborhood.

Proper appraisal practice indicates that a land rate adjustment or "Land Influence Factor" should be applied by the review appraiser to properly reflect the unique considerations for a parcel with significant physical or economic characteristics, deviating from the normal conditions reflected by the neighborhood land rates.

The primary goal of a Revaluation Program is equalization; it is strongly recommended that users of this manual exercise proper judgment and caution in the application of land influence factors.

Land Influence Factor Guidelines**Undeveloped Site**

By definition, each selected site type rate such as primary lot, home site, primary site, secondary site, etc., includes provisions for normal site improvements to the land as site preparation, typical utility service (Water, sewer or septic disposal, electricity) and typical landscaping, driveways and walks. Therefore, it is necessary to apply an un-improved land influence factor to lots, home sites, primary or secondary sites.

Undeveloped Factor Guide

Area	Factors
Rural	-20% - 25%
Suburban	-10% - 25%
Urban	-10% - 25%

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Topography

This category allows the reviewer's judgment of the degree of difficulty due to poor topography in erecting a suitable improvement on the subject parcel.

Normally if a suitable improvement is present on the subject lot, the topography problem has been corrected. Therefore, an improved lot normally should have no allowance for topography. However, a topography influence may need to be applied in significant cases of un-improved lots or tracts where poor topography represents an actual detriment to the presumed utilization of the parcel.

Topography factors include; irregular land contour, poor drainage, potential subsidence, sub-surface rock ledge, potential erosion, and flood plain areas.

The following is presented as topography factor guide:

TOPOGRAPHY INFLUENCE FACTOR GUIDE

	CONDITION	FACTOR
Normal	Problem corrected or not significant.	00%
Slight	Problem is a moderate handicap to full utilization of the lot but is correctable. The lot is buildable but less desirable than typical lots in the area due to topography problem.	10% - 25%
Severe	Problem is significant but correctable in that it prevents the development of the lot until the topography problem is corrected.	25% - 75%

Restrictions

A negative land influence adjustment for restrictions is applicable for cases where the property is subject to a legal or physical restriction to its utilization. Typical examples would include:

Utility easements, as power lines and sewer lines. Zoning or deed restrictions to the property, limiting the utilization to a less than normal use for typical lots in the neighborhood.

Physical barriers to the property as bridges, highway medians, fences or abutments.

The following is presented as a land influence factor guide for restrictions:

	CONDITION	FACTOR
Normal	No significant restriction to the property exists.	NONE
Minor	A restriction of moderate significance, legal or physical, exists which causes the property to be less desirable than similar lots in the area which are not subject to this restriction but does not prevent utilization of the property for the presumed use.	10% - 25%
Major	A restriction of major significance, legal or physical, exists which causes the property to be restricted to a less than full utilization compared to similar lots in the area, which are not subject to this restriction. An example would be power lines bisecting the lot which prevent the building of a dwelling but would be suitable for a garage or secondary structure.	25% - 75%
Un- Buildable	A restriction of very severe impact, legal or physical, exists which causes the property to be rendered virtually un-buildable or unusable for any significant utilization compared to similar lots in the area which	

are not subject to this restriction.

75% - 90%

An example would be a lot rendered non-accessible by a highway right-of-way.

Economic Mis-Improvement

This category is reserved as a reviewer's judgment of the comparative loss of value land (either under-improvement or over-improvement). In essence, this judgment is expressing the appraiser's opinion that the existing structure represents an encumbrance to the full utilization of the land.

The application of a mis-improvement factor for Residential/Agricultural property is possible but very rare. Most instances occur in commercial or industrial situations where market evidence indicates a different economic utilization of the land than the current utilization. It is important to recognize in the application of economic mis-improvement factors that the land is presumed to be valued on the bases of typical "highest and best" utilization and the existing structure is non-contributory to this most economical utilization. Obviously, vacant tracts are not encumbered by any structure; therefore, vacant tracts are not subject to economic mis-improvement factors. Further, the appraiser should recognize that the economic mis-improvement condition is "curable": i.e., if the structure is removed, the previously applied economic mis-improvement factor is normally no longer applicable.

Typical examples include:

Dwellings in areas converting to commercial development, or gross under-improvement, as an old warehouse located in an area where market evidence indicates modern office complex development.

Following is an Economic Mis-Improvement Factor Guide:

	CONDITION	FACTOR
Normal	The property is unimproved (No major structures present) or the existing structure is consistent with the economical utilization of the land.	NONE
Minor	The land is encumbered with a structure that represents an economic mis-improvement and the structure has an assigned value of 25% to 50% of the land value at highest and best use.	25% - 50%
Major	The land is encumbered with a structure that represents an economic mis-improvement and the structure has an assigned value of 50% or more of the land value at the highest and best use.	50% - 75%

Corner and/or Alley Influence

This category is reserved for the recognition of the enhancement in land value attributable to the potential utilization of a corner lot, over and above the value of an otherwise comparable inside lot. The enhancement due to the presence of a rear or side alley is normally common to all lots in a given area or block. Therefore, recommended procedure for enhancement due to alley influence, if any, is to consider this factor in the land rate itself.

The amount of enhancement, if any, to a corner lot must be based on the individual merits of each corner location.

Normally, corner influence is not applicable to Residential/Agricultural property. Corner influence factors should be applied to only those cases of commercial or industrial property where the corner is an actual enhancement to the land.

Following is presented as a guide for Corner Influence Factors:

	CONDITION	FACTOR
Normal	The presence of a corner or alley has no significant enhancement effect to the property. Example: The side street has restricted access as a dead-end street.	NONE
Minor	The lot value is moderately enhanced by the presence of corner or alley exposure. Example: Intersection of two secondary streets or a major arterial street and a secondary street.	+10% - +25%
Major	The lot value is significantly enhanced by the presence of corner or alley exposure. Example: The intersection of two major arterial streets.	+25% - +100%

View Influence

This factor is normally a positive adjustment for lots or parcels where the land value is significantly enhanced by the presence of a scenic or waterfront view when compared to similar lots in the area where no significant view is present. This factor also applies to golf course lots.

It is highly recommended that the appraiser exercise due caution in the application of view influence. It is useful to remember that while the subject may have an appealing view, if this condition is common the most parcels in the area, then comparatively there is probably no real view enhancement. The appraiser should also consider the permanency of the view, i.e., the probability of potential obstruction.

The following is a View Influence Factor Guide:

	CONDITION	FACTOR
Normal	The view is considered common to the area, and market evidence indicates no actual value enhancement exists.	NONE
Minor	The subject property has a moderate enhancement due to an appealing view, and market evidence: Indicates value enhancement exists.	+10% - +25%
Major	The subject property has a significant enhancement due to an appealing view. Further, the view enhancement is not common to similar lots in the area and there is little or no potential for obstruction of the view by other structures.	+25% -+100%
Negative	For properties with less than normal or typical views, the appraiser should apply negative factors to the affected properties as indicated by market analysis and evidence.	-10% - -75%

BASE RATE LAND VALUATION TECHNIQUE

The Base Rate Land Valuation Technique allows the appraiser to establish land rates using either a price per acre, price per square foot or price per lot for each parcel located within an individual neighborhood unit. This method also allows the appraiser to develop base land sizes for each land segment type within the neighborhood.

Incremental/Decremental Rates are developed as a percentage of the Base Land Rates to allow for size adjustments for those parcels which are either smaller or larger than the indicated base sizes established for the neighborhood.

EXAMPLE 1:

Neighborhood 1555 NORTHMOUNT

Land Type	Base Size (Acreage)	Base Rate (Per Acre)	Decrement Rate	Increment Rate
AC B	1.00	10000	5000	10000
AC U	20.00	4000	4000	2500
AC FP	20.00	1000	1000	600

Subject parcel consists of 50 acres, including: and improved one (1) acre building site, nine (9) acres of flood plain and forty (40) acres of undeveloped land. The base rate valuation technique will value the parcel in the following manner:

1 acre Building Site @ \$10000 per acre	\$ 10000
9 acres Flood Plain @ \$1000 per acre	\$ 9000
40 acres Rural Land @ \$3250 per acre (average) (20 acres @ \$4000 per acre - 20 acres @ \$2500 per acre)	\$130000
TOTAL APPRAISED VALUE OF LAND	\$149000

EXAMPLE 2:

Neighborhood 1777 WESTRIDGE PLANTATION

Land Type	Base Size (Acreage)	Base Rate (Per Acre)	Decrement Rate	Increment Rate
AC B 1	1.00	200000	20000	200000
AC R	3.00	20000	20000	12000

Subject parcel consists of an improved lot containing .65 acres located within a prominent neighborhood. The base rate valuation technique will value the parcel in the following manner:

$$\begin{array}{rcl} \text{Base Size (-) Subject Size} & = & \text{Residual Size} \\ (1.00 \text{ acre}) & & (.65 \text{ acres}) \end{array} \quad \begin{array}{rcl} & & (.35 \text{ acres}) \end{array}$$

$$\begin{array}{rcl} \text{Residual Size x Decrement} & = & \text{Residual Value} \\ (.35 \text{ acres}) & & (\$20000/\text{acre}) \end{array} \quad \begin{array}{rcl} & & (\$7000) \end{array}$$

$$\begin{array}{rcl} \text{Base Rate (-) Residual Value} & = & \text{Appraised Value} \\ (\$200000/\text{acre}) & & (\$7000) \end{array} \quad \begin{array}{rcl} & & (\$193000) \end{array}$$

$$\begin{array}{rcl} \text{Appraised Value/Subject Size} & = & \text{Effective Rate/Acre} \\ (\$193000) & & (.65 \text{ acres}) \end{array} \quad \begin{array}{rcl} & & (\$296923) \end{array}$$

$$\begin{array}{rcl} \text{Subject Site x Effective Rate/Acre} & = & \text{Appraised Value} \\ (.65 \text{ acres}) & & (\$296923) \end{array} \quad \begin{array}{rcl} & & (\$193000) \end{array}$$

TOTAL APPRAISED VALUE OF LAND

\$193000

LAND USE SCHEDULES
2009 REAPPRAISAL
CHATHAM COUNTY NORTH CAROLINA

In order to comply with the procedures of North Carolina General Statutes 105-317 (c) "1" and "2" and 105-277.6 (c), Chatham County is required to develop and adopt a land use schedule of values for agriculture, horticulture and forest lands. The purpose of this schedule is to provide a uniform method of valuation based on the present value in use for qualifying lands.

After careful consideration of the available pertinent production statistics for Chatham County, North Carolina and the Use Value Manual for Agricultural, Horticultural and Forest Land prepared by the North Carolina Use Advisory Board. The following schedule of values is recommended as the standard for present use taxation for the 2009 Chatham County, North Carolina Reappraisal.

LAND USE VALUATION SCHEDULE

CLASSIFICATION	RATE
Agriculture	\$500
Horticulture	\$735
Forestry	\$340

Rates shown are price per acre.

In lieu of detailed soil maps, the rate per class will be applied countywide.

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