

# INVENTORY

*of the*

PROPERTIES, EQUIPMENT, TOOLS AND SUPPLIES

*of the*

CITY OF RALEIGH, WATER DEPARTMENT

JUNE 1, 1930

BY

E. B. HAIN, Superintendent

*PROV  
43-101*

Rolls of paper, maps of ...	1 to 20
...	21
...	22
...	23
...	24
...	25
...	26
...	27
...	28
...	29
...	30
...	31
...	32
...	33
...	34
...	35
...	36
...	37
...	38
...	39
...	40
...	41
...	42
...	43
...	44
...	45
...	46
...	47
...	48
...	49
...	50
...	51
...	52
...	53
...	54
...	55
...	56
...	57
...	58
...	59
...	60
...	61
...	62
...	63
...	64
...	65
...	66
...	67
...	68
...	69
...	70
...	71
...	72
...	73
...	74
...	75
...	76
...	77
...	78
...	79
...	80
...	81
...	82
...	83
...	84
...	85
...	86
...	87
...	88
...	89
...	90
...	91
...	92
...	93
...	94
...	95
...	96
...	97
...	98
...	99
...	100
...	101
...	102
...	103
...	104
...	105
...	106
...	107
...	108
...	109
...	110
...	111
...	112
...	113
...	114
...	115
...	116
...	117

**INVENTORY**

**OF THE  
PROPERTIES, EQUIPMENT, TOOLS & SUPPLIES**

**OF THE**

**CITY OF RALEIGH-WATER DEPARTMENT**

**JUNE 1ST, 1930.**

*Inventory Book No. 131*

**BY**

**E. B. BAIN, SUPERINTENDENT.**

*W. H. Howell*



-CONTENTS-

Inventory of Property

	Page
Real Estate, Rights of Way, Contracts, Easements and Agreements-----	1 to 20
Walnut Creek - Water Supply & Shed-----	21
Impounding Reservoirs-----	22 - 23
Intake-----	23 - 24
Conduit Pipe Line-----	24
Coagulating Basin-----	25
Filter Plant-----	25 - 26
Laboratory & Chlorinating Room-----	27
Chemical Feed & Storage House-----	27
Wash Water Tank-----	28
Clear Water Reservoirs & Aerating System-----	28 to 31
Pumping Station-----	31 - 32
Pumping Equipment - Steam-----	32 - 33
Miscellaneous Equipment (Station)-----	34
Boilers-----	35
Electrical Pumps-----	35 to 37
Repair Shop, Store House & Cottage-----	37
Auxiliary Supply - Swift Creek-----	37 - 38
Pumping Station - Swift Creek-----	38
Pumps - Swift Creek-----	39 - 40
Electrical Transmission Line - Swift Creek-----	40
Pipe Line & Valves - Swift Creek-----	40 to 42
Telephone Line - Swift Creek-----	42
Office Building-----	43
Tower & Tank-----	43 - 44
Maps & Profiles-----	45 to 48
Distribution System:	
Water Main - City-----	49 to 60
Water Mains - Institutions, Schools & Mfg. Plants-----	61 - 62
Water Mains - Private-----	63 to 65
Gate Valves - City-----	66 to 85
Gate Valves - Miscellaneous-----	86 to 88
Fire Hydrants - City-----	89 to 102
Fire Hydrants - Private-----	103
Sprinklers & Stand Pipes - Private-----	104 - 105
General Recapitulation-----	106
Services - Meters & Flat Rates-----	107
Miscellaneous Equipment: Tools & Supplies-----	108 to 113
Valves, Hydrants, Pipe & Specials in Stock-----	114 to 116
Office Mixtures-----	117

Reservoirs etc. described in book from these lines and refer  
to the Report Water Company, dated January, 1907, and refer-  
ence is made to page 230.

1

Inventory of Property

City of Raleigh-Water Department

June 1st, 1930.

In General: Deed of Conveyance to the City of Raleigh by W.B. Grimes, Fred G. Boyce, Jr., and John A. Mills, Receivers of the Wake Water Company, of all the property, assets and effects of said Wake Water Company of whatsoever nature and wheresoever the same may be.

Registered in the office of the Register of Deeds for Wake County, June 23rd, 1913, in Book 276 of Deeds, on page 282.

Real Estate, Rights of Way, Easements etc., conveyed to the City of Raleigh in above Deed:

First: Lot of land on the south side of West Morgan St., between Salisbury and McDowell Sts., 36-foot front and running back south 110½ feet (upon which is located the Office Building, Old Water Tower, Shop and Garage.) Described in deed from B.P. Williamson and Wife to The Raleigh Water Company, dated March 17th, 1887, and registered in Book 96 at page 301.

Second: Tract of 30 acres of land on both sides of Walnut Creek, in Raleigh Township, Wake County, on which is located the Pumping Plant, Filter Plant, Settling Basin, Clear Water Reservoirs etc. Described in deed from Jesse Jones and Wife to The Raleigh Water Company, dated January, 1887, and registered in Book 94 at page 436.



Third: Tract of 5.21 acres of land on both sides of Walnut Creek in Raleigh Township, Wake County, southeast of the Rhamkatte Road, adjoining the property of the Caraleigh Phosphate Works. Described in deed from Elizabeth Grimes to The Raleigh Water Company, dated March 23rd, 1899, and registered in Book 153 at page 180.

Fourth: All the rights, privileges and easements to lay and maintain pipes and to construct and maintain a dam and to do other things on and through the W.G. Upchurch land, in Wake County, known as the Maywood Farm, as set out in deed from W.G. Upchurch and Wife to The Raleigh Water Company, dated April 30th, 1887, and registered in Book 95 at page 498.

Fifth: All the rights, privileges and easements to lay and maintain pipes and to build and maintain a dam and to do other things on the Elizabeth Grimes land, in Wake County, (now State Hospital property) as described in deed from Elizabeth Grimes to The Raleigh Water Company, dated November 30th, 1891, and registered in Book 120 at page 130.

Sixth: All the rights, privileges and easements to pond the water and do other things on the Green land in Wake County, as set out in deed from Martha L. Green and Emma E. Green to The Raleigh Water Company, dated January 1st, 1894, and registered in Book 131 at page 425.

Seventh: All the rights, privileges and easements granted to the Wake Water Company to build and maintain a dam to impound water; to build pipe lines, and the right of access on the lands

of the State Hospital, in Wake County, under their agreement with the Board of Directors of said Hospital dated February 13th, 1913.

Copies of all the above deeds etc. on file in office of Superintendent of Water Department.

to improve water, to build pipe lines and the right of access at all times across the said Hospital's land for the use of Real Estate, Rights of Way, Easements, of constructing, maintaining, and operating said pipe lines and Contracts and Agreements made to and by the City

of Raleigh since taking over the Plant of the Wake Water Company - June 23rd, 1913: and bond, to furnish said Hospital with such water as it may

1. All the rights, privileges and easements to put down and perpetually maintain a pipe line across the Green land in Wake County, situated on Walnut Creek, together with full rights of ingress and egress and the right to keep said pipe line in repair, as set out in indenture made, June 26th, 1913, between B.W. Green and others and the City of Raleigh, and registered in Book 279, page 168.

2. All the rights, privileges and easements to put down and perpetually maintain a pipe line across the Green land in Wake County, situated on Walnut Creek, and also the right to perpetually use and maintain, two sand pits now on the land, together with full rights of ingress and egress and the right to keep said pipe line, and sand pits in repair, as set out in indenture made, June 26th, 1913, between Miss J.E.E. Green and

to a point in the Hillsboro Road due north of the terminals



the City of Raleigh, and registered in Book 279, page 169.

3. Agreement by and between the State Hospital at Raleigh and the City of Raleigh. Said State Hospital grants to the City the right and privileges to erect a dam across Walnut Creek on State Hospital's land, at or near the Old Hunter Dam, to impound water; to build pipe lines and the right of access at all times across the said Hospital's lands for the purpose of constructing, maintaining, and operating said dam, pond and pipe lines.

The City, so long as it shall maintain and use said dam and pond, to furnish said Hospital with such water as it may need for its own use, not exceeding Fifty Million (50,000,000) gallons per year, free, and any excess over said amount at six cents (.06¢) per thousand gallons.

Date of Agreement - December 17th, 1913.

Terms of Agreement - Thirty (30) years from Feb. 13, 1913.

Reference is made to a similar agreement made with the Wake Water Company,

Registered in Book No. 285, page 27.

4. Deed, made July 19th, 1915, by Wake Construction Company to the City of Raleigh. Said Construction Company does, bargain, sell, grant and convey unto the City of Raleigh, all its line of water main of eight (8") pipe extending from a point on Hillsboro Street, due south from the center of Saunders Street, westwardly along Hillsboro Street and Road to a point in the Hillsboro Road due north of the terminus

and submit to the City a detailed statement of the cost of the North Carolina College of Agriculture and Mechanic Arts. Upon completion of said work, a desire to be connected to the Arts' present water main, which terminus is about twenty feet and sufficient east to said water system upon the five feet eastwardly from the N.E. corner of its Textile Building, and also all its lines of water pipe extending connected in the actual construction, and further agrees to laterally from said eight-inch main.

accept the note of the City payable on Jan. 1st, 1921, in Reference is made to a contract dated July 6th, 1908, payment of said system.

between Wake Construction Company, the Wake Water Company, Fourth. To convey in fee to the City, without charge, the and the North Carolina College of Agriculture and Mechanic entire sewer system being laid in connection with the several Arts, in regard to the same. Also all the interest of said

Wake Construction Company in and under said contract.

Fifth. The City agrees to extend the 6-inch main at present Registered in Book No. 301, page 125.

terminating upon the property of the Methodist Parsonage, to Note: The Corporation - Wake Construction Company was the line of the Fairview property, at its expense, from which dissolved in July 1915.

point the Company agrees to extend said main and connect the 5. Agreement by and between the Fairview Company and the same with the 6-inch main leading from the line of J.H. Pou. City of Raleigh. Said Fairview Company is engaged in the

Sixth. The City further agrees, upon the completion of said business of developing for the purpose of sale a large tract water system, to give its note due Jan. 1st, 1921, with interest of land just north of the City, containing 168 acres, more or less, and agrees as follows:

the Fairview Company. First. To make a connection, free of charge, to the City recorded in the office of City Clerk - Book - May 6, 1919 with the 6-inch main belonging to James H. Pou, leading to to May 1, 1921, page 145.

the Bloomsbury development, and to build a water system through the Fairview property in accordance with detailed plans and specifications approved by Superintendent of the

The City purchased the system Jan. 25th, 1921, at a cost Water System of the City.

of \$24,724.03. Second. To pay for the materials and laying of the same 6. May 11th, 1920, Commissioner Gray transferred to the



and submit to the City a detailed statement of the costs.

Third. Upon completion of said work to deliver to the City a good and sufficient deed to said Water System upon the payment to it by said City of three-fourths of the amount expended in the actual construction. And further agrees to accept the note of the City payable on Jan. 1st, 1921, in payment of said system.

Fourth. To convey in fee to the City, without charge, the entire sewer system being laid in connection with the development of said property.

Fifth. The City agrees to extend the 6-inch main at present terminating upon the property of the Methodist Orphanage, to the line of the Fairview property, at its expense, from which point the Company agrees to extend said main and connect the same with the 6-inch main leading from the line of J.H. Pou.

Sixth. The City further agrees, upon the completion of said water system, to give its note due Jan. 1st, 1921, with interest at 6% per annum payable from maturity of said note, to the Fairview Company.

Recorded in the office of City Clerk - Book - May 6, 1919 to May 3, 1921, page 145.

Note: The property above referred to is now known as "Hayes-Barton".

The City purchased the system Jan. 28th, 1921, at a cost of \$28,724.03.

6. May 11th, 1920, Commissioner Bray presented to the

Page 75, the City of Raleigh, North Carolina, Board a communication from Mr. D.F. Fort, Jr. relative to deeding to the City all water pipes heretofore installed by him in a suburb development to the east of the City, known as College Park; in consideration of the City furnishing said Fort with approximately 2,500 feet of two-inch (2") water pipe which he proposed to install in said College Park and include same in the deed to the City.

The Commissioner of Public Works recommended the acceptance of the proposition and upon motion of Commissioner Mooneyham the recommendation was unanimously adopted.

Recorded in the office of City Clerk - Book - May 6, 1919 to May 3, 1921, page 193.

Note: The 2,500 feet of pipe above referred to was delivered to Mr. Fort, on the property, and laid at his expense.

There is no deed for this transaction on file.

7. Deed made November 1st, 1919, by North Carolina Trust Company, Southern Real Estate Company, and Parker-Hunter Realty Company to the City of Raleigh. Said Companies in consideration of the sum of \$9,073.28 to them paid by the City bargain, sell and convey to the said City all and every part of the Cameron Park Water System, together with all the rights, privileges and appurtenances belonging thereto in connection with said Water System; said system having been constructed under a contract with the Wake Water Company, dated March 30th, 1911, and recorded in the Registry of Wake County in Book 252,

Raleigh Land Company under a contract with the Wake Water



Page 75, the City of Raleigh having succeeded to the rights of the Wake Water Company under said contract.

Recorded in the office of City Clerk - Book - May 6, 1919 to May 3, 1921, Page 89.

8. Deed made November 1st, 1919, by Jas. H. Pou and Wife to the City of Raleigh. Said Jas. H. Pou and Wife in consideration of \$3,994.88 to them paid by the City bargain, sell

and convey to said City all and every part of the Glenwood Water System, heretofore laid and constructed by the Glenwood Land Company, predecessors in title of Jas. H. Pou, together with all the rights, privileges and appurtenances belonging thereto; said system having been constructed by the Glenwood Land Company under contract with the Wake Water Company, dated November 9th, 1905, and recorded in the Registry of Wake County, in Book 235 at page 598, the City having succeeded to the rights of the Wake Water Company

Recorded in the office of City Clerk - Book - May 6, 1919 to May 3, 1921, Page 87.

9. Deed, made November 20th, 1919, by the Raleigh Real Estate and Trust Company to the City of Raleigh.

Said Company in consideration of \$4,545.53 to it paid by the City does bargain, sell and convey to said City all and every part of the Boylan Heights Water System, heretofore laid and constructed by the Greater Raleigh Land Company, together with all rights, privileges and appurtenances belonging thereto; said system having been constructed by the Greater Raleigh Land Company under a contract with the Wake Water



Company dated February 13, 1909, and recorded in the Registry of Wake County, in Book 236, Page 15, the City having succeeded to the rights of the Wake Water Company. For claim of title see Book 290, Page 530 and Book 346, Page 246 office of Register of Deeds.

Recorded in office of City Clerk - Book - May 6, 1919 to May 3, 1921 - Page 86.

10. Deed, made February 5th, 1921, by John A. Mills and wife, Bart M. Gatling and wife and Daniel Allen to the City of Raleigh. Said John A. Mills and others in consideration of \$1,803.31, to them paid by the City does bargain, sell and convey to said City all and every part of a certain Water and Sewer System laid and constructed on a tract of land known as "Battery Heights" together with all the rights, privileges and appurtenances belonging thereto, a map of which is recorded in the office of Register of Deeds for Wake County, Book of Maps 1911, at page 23.

Recorded in office of City Clerk - Book - May 6, 1919 to May 3, 1921 - Page 304.

11. Deed, made March 11th, 1921, by Dortch Real Estate Company to the City of Raleigh.

Said Company in consideration of \$556.32 to it paid by the City does bargain, sell and convey to said City, all and every part of the Harris Chamberlain Water System laid and constructed by Daniel Allen, through the Harris Chamberlain sub-division in the western part of the City. See Book of



Maps 1915, Page 50 Registry of Wake County, together with all the rights, privileges and appurtenances belonging thereto; said system having been constructed by Daniel Allen and others under a contract with said City, dated November 15th, 1916, and recorded in the Registry of Wake County in Book at page , the Dortch Real Estate Company having succeeded to the rights of Daniel Allen and others.

Registered in office of City Clerk - Book - May 6, 1919 to May 3, 1921 - Page 324.

12. Deeds of Conveyance from sundry parties for certain tracts or parcels of land sold by them to the City of Raleigh-Lake Johnson Site; described and counied as follows:

Date	Name of the street	Acres
Jan. 12th, 1922	T. E. Mimms & Wife	51.0
" 24th, 1922	D. L. Farnior & Wife	20.17
" 25th, 1922	Nicholas DeBoy & Wife	43.4
Feb. 11th, 1922	J. J. Champion & Wife	10.2
" 13th, 1922	G. B. Park & Wife	20.5
" 18th, 1922	W. G. Allen & Wife	74.2
June 23rd, 1922	H. K. McIntyre & Wife	25.6
" "	" "	21.8
" "	M. E. Eherwin & Wife	19.8
Feb. 1st, 1923	Nicholas DeBoy & Wife	3.45

Total Acreage - 289.52  
 Total cost to City including registration \$33,023.67.

All of the above deeds, each descriptive of its particular

tract or parcel of land, are recorded in the office of the City Clerk of Raleigh in Book - May 3, 1921 to May 8, 1923 - Pages 353 to 361 both inclusive.

13. Condemnation of Tower and Tank Site:

Property belonging to Southern Real Estate Company, Southern Insurance and Realty Company, and North Carolina Trust Company described as follows:

Being lots Nos. 15, 16, 17 and 18 of Block or Section of the Cameron Park property made by Riddick & Mann, which map is recorded in Book of Maps 1911, Page 9, in the office of the Register of Deeds of Wake County, the said lots being more particularly described and bounded as follows: Beginning at a stake on the northern side of the street designated as College Place, said stake or beginning point being 130 feet west of the intersection of said College Place and St. Mary's Street; runs thence from said beginning point in a northerly direction 150 feet to a stake; thence in a westerly direction 240 feet to a stake at the northeast corner of lot No. 19; thence along the eastern side of said Lot 19, 150 feet to the line of said College Place; thence along the northern boundary line of said College Place 240 feet to the point of beginning.

The appraisers appointed were Mess. Daniel Allen, Cary J. Hunter and Frank Ellington and the award was for \$13,350.00. The City does herein, well and lawfully take the City all those water systems belonging to them and known by

separately as follows:

The Ordinance of Condemnation was passed by the City of Raleigh, N.C. The Weldon Water System Division of the City of Raleigh Commissioners April 21st, 1922.

The proceedings are registered in the office of Register of Deeds for Wake County in Book 398, Page 473, Sept. 5, 1922.

14. Deed, made January 9th, 1922, by Daniel Allen and C.E. Hornaday to the City of Raleigh. Said Allen and Hornaday in consideration of \$2,865.00 to them paid by the City

does bargain, sell and convey to said City all and every part of the Liberty Heights water system beginning at a point opposite the entrance to the (old) Fair Grounds and

running thence west along Hillsboro Road, a distance of 2,490 feet to a point opposite the Dixie Trail or Highlands

Farm Road, said line on Hillsboro Road being a six inch cast iron pipe line; running thence under Hillsboro Road and extending around the Dixie Drive and connecting with aforesaid

six inch pipe at a point opposite the eastern intersection of Hillsboro Road and Dixie Drive, together with all rights,

privileges and appurtenances belonging to them.

Recorded in office of City Clerk - Book - May 3, 1921

to May 8, 1923 - Page 128.

15. Deed, made October 2nd, 1922, by and between James H. Pou and Wife and the City of Raleigh. Said James H. Pou and Wife for the consideration of the sum of \$10,467.78 to

them paid by the City does bargain, sell and convey unto the City all those Water Systems belonging to them and known



separately as follows:

The Bloomsbury Water System beginning at the northern end of what was known as the Glenwood Water System, at or about Jefferson Street and extending along Glenwood Avenue through what is now known as part of Hayes-Barton, and out to the northern limits of Bloomsbury, to lands formerly belonging to the Raleigh Country Club, together with all laterals, additions and lines connecting therewith, which are known as follows:

The water line running up and along Whitaker Mill Road and down Fairview Street in which is known as the Barnes-Pou Sub-division.

The water line running through Georgetown.  
 The water line constructed by Raleigh Real Estate & Trust Company and Allen through what is known as White Oak Forest, and running out to and somewhat beyond the City Limits.

Together with all the rights, privileges and agreements in any wise appertaining with the said Water Systems.

Recorded in office of City Clerk - Book - May 3, 1921 to May 8, 1923 - Page 248.

16. Agreement by and between the Dixie Trail Water Line Company and the City of Raleigh. Said ~~Line~~ Company to lay, at its expense, a line of 6-inch water pipe from the Hillsboro Road along the Dixie Trail for a distance of 1725 feet subject to the approval of the Superintendent of the City Water Department.

All connections to be made with said pipe line shall be in accordance with the laws, rules and regulations of the Water

Dept., that the use of water shall be in accordance with said laws, rules and regulations; that the City shall have complete control of pipe line, taps and connections, and that the water rents charged consumers shall be the same as those charged to others residing outside the corporate limits of the City; that the City shall collect all water rents and retain and have the same as its own.

The City reserves the right to cut off the water whenever it shall appear that to continue to furnish the same would render the City unable to properly furnish its consumers living within the corporate limits of the City; that the City does not agree to furnish any stated or particular pressure of water, nor does it agree to furnish fire protection.

Said pipe lines to remain the property of the Company until such time as the City limits may be extended, bringing said pipe lines within the City limits, at which time said lines shall become the property of the City.

Dixie Trail

(For other provisions see Agreement.)

Recorded in office of City Clerk - Book - May 8, 1923 to May 5, 1925 - Page 106.

17. Deed of Conveyance, made and executed October 20th, 1927, by the Raleigh Real Estate & Trust Company and J.W. Bunn and Wife to the City of Raleigh. Said Trust Company and Bunn were the owners of a tract of land lying north of the Norfolk-Southern Railroad and just east of what is known as Hayes-Barton, and which property said parties developed and

named Roanoke Park, a complete map of same being recorded in the Register's office of Wake County in Book of Maps 1920 at page 132. Said parties put in water and sewer mains, at their expense, under a contract and agreement with the City of Raleigh, dated April 20th, 1923, which contract is recorded in the Register's office of Wake County in Book 415, page 538. Said Company and Bunn, for and in consideration of the sum of \$9,778.35 paid to them by the City, does bargain, sell, pass, convey and deliver to the said City all their rights, privileges, titles and interest in and to all water mains and pipes, including any extensions and laterals and connections; also all sewer lines, mains, pipes, laterals and connections in what is known as Roanoke Park. Registered in the office of the Register of Deeds for Wake County in Book 526, Page 576, Nov. 29, 1927.

18. Deed, made and entered into June 20th, 1927, by and between Parker Rand and Wife and the City of Raleigh. Said Rand and Wife, in consideration of the sum of \$60,000.00 paid to them by the City, does bargain, sell and convey unto said City a certain tract or parcel of land in St. Mary's Township, Wake County; situated on Swift Creek and known as the Rand's Mill site, and more particularly described in said deed. Registered in office of Register of Deeds for Wake County, in Book 527, page 61, July 27, 1927.

19. Rights of Way granted to the City of Raleigh by sundry parties, beginning at the City Water Works Pumping Station



and terminating at the Rand's Mill site on Swift Creek, on which is located the 24" and 20" cast iron conduit pipe line, and telephone line:

Property Owner	Linear Feet	Consideration	Registered
Dr. L.E. Freeman & Wife	465 Feet	\$150.00	B535-P307
Dr. J.R. Rogers & Others	1475 "	250.00	B535-P298
Earl Buffalo	3725 "	500.00	B535-P313
E.H. & M.R. Wilson	1525 "	300.00	B535-P292
Jerry Mangum & Wife	710 "	113.60	
A.B. Andrews	430 "	100.00	B535-P316
George Allen & Wife	1340 "	215.00	B535-P317
Eliza Blalock et al	480 "	76.80	
J.S. Bryant & Wife	1700 "	280.00	B535-P311
John F. Broughton & Wife	2380 "	425.00	B535-P309
J.H. Glenn & O.B. & T. Co.	1185 "	209.60	B535-P306
Mack Whitaker & Wife	165 "	42.00	B535-P295
Jenedious King	1110 "	180.00	B535-P305
W.S. Stone & Wife	516 "	112.56	B535-P296
D.H. Buffalo & Wife	305 "	48.80	B535-P314
J. Marvin Broughton	1200 "	175.00	B535-P310
C.C. Williams & Wife	2766 "	475.00	B535-P294
P.V. Mitchener & Wife	2475 "	396.00	B535-P302
S.J. Mitchener & Wife	1525 "	244.00	B535-P299
S.T. Mitchener & Wife	1060 "	169.60	B535-P301
J.T. Mitchener	1025 "	164.00	B535-P303
T.B. Parker & Wife	2335 "	373.60	B588-P377

Property Owner	Linear Feet	Consideration	Registered
T.W. Johnson & Wife	1155	235.10	B588-P385
Parker Rand & Wife	1550	Included in Original Deed	
	32,602	\$5,235.66	

Property lines are fully described in each separate Deed and designated by stations on Map. "Registered" refers to Book and Page in office of Register of Deeds for Wake County.

20. Agreement, made January 4th, 1928, by and between Carolina Power & Light Company and the City of Raleigh.

Said Company to secure right of way and build power service line to supply electric energy to City's pumping plant located on Swift Creek; and to furnish with itemized statement of total actual cost of the work. City to pay to the Company the total actual cost of the work plus ten per cent.

Title to service line vested in the Company, irrespective of payment made by City.

In the event City should elect to enter into a power contract providing for year-around power service instead of temporary service Company agrees to reimburse City for the original cost less depreciation at the rate of four per cent per annum.

In the event City should, at the termination of its present contract, elect to discontinue the use of electric service Company shall salvage the service line and refund to City the salvage value thereof less the cost of dismantling same.

Amount paid to Company by City - \$9,875.29.

21. Deed, made August 31st, 1929, by B.B. Buffalo and Wife to City of Raleigh.

Said Buffalo and Wife in consideration of \$79.50 to them paid by the City bargain, sell and convey to said City a certain tract or parcel of land on Swift Creek, in Wake County, containing 1.59 Acres. Registered in office of Register of Deeds - Book 579 on page 216, Sept. 30th, 1929.

22. Deed, made August 31st, 1929 by Dr. J.S. Buffalo and Wife to City of Raleigh.

Said Dr. Buffalo and Wife in consideration of \$392.50 to them paid by the City bargain, sell and convey to said City a certain tract or parcel of land on Swift Creek in Wake County, containing 7.85 Acres. Registered in office of Register of Deeds - Book 579 on page 217, Sept. 30th, 1929.

Complete copies of all instruments abstracted above are on file in Office of Superintendent of Water Department.

Verbal Agreements:

Verbal agreement, made in 1924, by and between Allen Brothers and the City of Raleigh.

City to furnish pipe and other material for extending the water system in Hayes-Barton Subdivision. Allen Brothers to lay pipe at their expense and to reimburse the City for one-half of the cost of pipe etc.

Total cost of all materials -	\$2,698.62
One-half - City's part -	<u>1,349.31</u>
" " due by Allen Brothers -	\$1,349.31



In 1924 the Water Department furnished to Allen Brothers, for "Wilmont" water system, pipe amounting to - \$12,561.62.

Credits deducted:

Pipe taken over by City -	\$1,881.92	
" transferred to Meredith Col.	<u>2,039.88</u>	<u>3,921.80</u>
Balance due -		\$ 8,639.82

The above accounts have been settled in the following manner:

City Record Book - 1/2 Hayes-Barton  
 May 3, 1927 to May 7, 1930.  
 Page 205.

Upon motion of Mayor Culbreth, check in the sum of \$244.71 is issued to Allen Bros. Inc., completing settlement between the City of Raleigh and Allen Bros. Inc., on account of water and sewer lines in Wilmont and Hayes-Barton, as evidenced by the following statement:

in Hayes-Barton Extension, of Hayes-Barton, dated January 1st, 1928.  
 Allen Brothers.

In account with City of Raleigh.

To Wilmont Pipe -		\$12,543.28
" 1/2 Hayes-Barton Water Pipe -		<u>1,349.51</u>
		\$13,892.79
To C/M City of Raleigh-Wilmont Pipe	\$1,881.92	
" " " " " " "	1,785.38	
" " " " " " "	254.50	
" part Meredith Water main -	3,300.00	

Fwd. - 7,221.80 \$13,892.79

To 1/2 Hayes-Barton 42 in. culvert- 159.40

" Surface Draining - Harvey to Irdell - 756.30

" Extra size sewer line outfall-Wil - 6,000.00  
mont -

14,137.50

13,892.79 \$244.71

From the above it is apparent that the Water Department should be reimbursed as follows:

From Street Dept. 1/2 Hayes-Barton 42" culvert - 159.40

Surface draining- Harvey to Ire- 756.30  
dell-

From Sewer Dept. Sewer line outfall - Wilmont - 6,000.00

Total - \$6,915.70

Verbal agreement, made in 1926, by and between D.F. Fort, Jr. and the City of Raleigh:

City to furnish all materials and labor for water mains in Hayes-Barton Extension, E. of Aycock St. Fort to pay to the City one-half of the total cost of same.

Total cost of construction - 4,978.48

Assumed by City - 2,730.48

Amount due by Fort - \$2,248.00

Note: The City assumed \$482.48 more than Fort due to that part of the pipe line approaching said property, on "Faison Place", from Scales St.

*Mr. Fort's part remains unpaid. This pipeline is included in with the City's list of mains*

Water Supply:Walnut Creek:

Principal Supply, taken from Impounding Reservoirs on Walnut Creek, flows by gravity from intake, on the upstream side of dam in Lake Raleigh, through cast iron conduit pipe lines to settling basin at Pumping Station; thence through filters to clear water reservoirs from which the high duty pumps, from independent suction pipes, discharges directly to distribution system to which is connected an elevated tank acting as equilizer and storage. The raw water can be pumped by low lift pumps from conduit line to settling basin if necessary.

Water Shed:

Walnut Creek has a drainage area above the intake at Lake Raleigh of 12.63 square miles and extends to the town of Cary, about eight miles west of Raleigh. On the north the watershed is approximately bounded by the Hillsboro Road and by the tracks of the Southern and Seaboard Railways. On the south by the old Tryon and Rhamkette Roads. About one-half of the watershed is in large timber and other wooded areas. The remainder is in cultivation, abandoned old fields and sub-division developments. The watershed is becoming quite thickly populated especially in and around the town of Cary. There are three small fish ponds within the area of the shed, on private property and controlled by the owners.



### Impounding Reservoirs:

Lake Johnson:- Located on Walnut Creek, approximately 4 $\frac{1}{2}$  miles from the center of the City, at the site of the old Yates mill dam. Earth filled in dam with reinforced concrete toe wall and slope paving on upstream side. Spillway on south side of dam of reinforced concrete. Gate House and flume of reinforced concrete. Four Chapman water gates with operating stands regulate the flow of water through flume at different elevations. The water from this lake feeds Lake Raleigh by the meandering of the stream.

A reinforced concrete bridge is at the upper reaches of the lake on the crossing of the Avent Ferry Road.

Reservoir completed in March 1923.

Spillway raised two feet in Dec. 1926.

Area of property owned by the City, 286.6 Acres.

Water area of Lake, 136 Acres.

Watershed area above dam 6.83 square miles.

Capacity of lake 500 million gallons.

Complete plans and specifications together with property surveys on file.

Lake Raleigh:- Located on Walnut Creek on land of the State Hospital, at the site of the old Theophilus Hunter dam, about 2 $\frac{1}{2}$  miles below Lake Johnson, and is controlled by the City of Raleigh, under lease from said hospital, for a period of thirty years from Feb. 13th, 1913.

Spillway and wing-walls to dam of concrete on rock foundation 20 feet high and 20 feet at the bottom tapering to 4 feet in width

at the top. Width of spillway 55 feet. Concrete core wall with earth embankment extends 327 feet on the north and 187 feet on the south.

Reservoir completed in 1914.

Area 77 acres.

Approximate capacity when built 160 million gallons.

Spillway raised two feet in 1919.

The lake has silted to such an extent that its present estimated capacity is only 125 million gallons.

On Hospital grounds, on north side of lake, is a frame, shingle roof, 4-room cottage, built by Water Department for use of Watershed Inspector. Also, a small frame stable and shed.

Intake and Draw Offs: - There are three pipes - 1- 24-inch and 2- 16-inch extending through dam. Two of these pipes, the 24-inch on the south side and the 16-inch on the north side, are connected by a Y branch to the 30-inch cast iron gravity conduit pipe line. - Each have independent gates and gated blow-offs.

Intake: - Connected to the end of the 24-inch pipe, on the up stream side of dam, is a 24-inch cast iron base elbow with riser extending to high water elevation - the top 5 foot section of which is screened. This forms the intake for gravity flow from Lake Raleigh to Pumping Station. Only the 24-inch valve is turned on at this writing. The gated 16-inch pipe near center of run of creek is only intended for a blow-off.

Incomplete plans on file.

Emergency Intake:- Situated about 2700 feet down stream from Lake Raleigh, on south side of creek, on property of State Hospital. A small reinforced concrete dam forms a basin in which is a screened intake - this is connected to the gravity conduit pipe line and controlled by 2- 24-inch valves. A blow-off is below the dam controlled by 1- 18" and 1- 12" valve.

Gravity Conduit Pipe Line:- The entire line is of cast iron class "A" pipe and runs from Lake Raleigh to Pumping Station, a total distance of 12,570 feet. From the lake to a point 90 feet west of the Norfolk Southern Railway trestle, at Station 60 + 60 is a single line of 30-inch pipe. From this point to suction well at Pumping Station, at Station 125 + 70, are two lines - one of 24-inch and the other 18-inch, reduced to 14" at Station 75 + 00. entire basin is usually in general use, but each size

- Length of each size: as follows:
- 30-inch - 6060 feet - Laid in 1925.
  - 24-inch - 6510 " " " " 1925.
  - 18-inch - 1440 " " " " 1911.
  - 14- " - 5070 " " " " 1887.

19.080 Filter Plant:

Elevation of spillway at Lake Raleigh - 281.19. added to and re-equipped 24" pipe in Suction Chamber - 229.50  
 with Total head in feet, on wooden sheeting and 51.69. concrete

floors, iron stairs and railings, clear water flux and pipe work  
 Plan and profile on file.  
 very under operating floor. A brick partition wall divides the building into a filter room, 115 x 45 feet, and laboratory and

The laterals are new, having been rebuilt by F.R.A. Forces, and are complete

Coagulating Basin:

Built in 1924 on grounds of Pumping Station, adjacent to Filter Plant. Construction reinforced concrete, 128' 7" x 72' x 12' inside measure, including diffusion chamber and effluent trough; walls and bottom 12" thick. The basin is divided into two compartments by an over and under baffled mixing chamber four feet wide. Each compartment is furnished with four 12-inch blow-off drains and four 8-inch over flow lines with 8-inch 12 foot risers and bell mouths. A 20-inch raw water inlet to mixing chamber is connected with the 24-inch line from Walnut Creek and the 20-inch from Swift Creek; four 14-inch effluent branches connect with a 20-inch settled water line to filters. All connections of whatsoever nature are properly gated.

The entire basin is usually in general use, but each compartment can be used separately at will.

Capacity of basin - 1,850,000 gallons.

Detention period - from 3 to 5 hours.

Complete plans and specifications on file.

12' 10" x 15' 5" 174 " " 506,700

Filter Plant:

12' 5" x 14' 8" 149 " " 542,300

Building: - Located on south end of Settling Basin, added to and re-equipped in 1924, a high one story brick building

12' 5" x 14' 4" 147 " " 538,700

with metal covered roof, on wooden sheathing and trusses, concrete floors, iron stairs and railing; clear water flume and pipe gallery under operating floor. A brick partition wall divides the building into a filter room, 115 x 45 feet, and laboratory and



Metal Troughs have been scraped & painted 26

chlorinating room 15 x 45 feet.

The plant consists of 12- reinforced concrete filter units equipped with wash troughs, water manifold system, combined loss of head and recording gauges, effluent rate controllers and all necessary piping, valves, fittings, etc. Each unit contains 18-inches of filter gravel, in layers, ranging in size from 2 1/2" to 1/4" and 30-inches of clear, hard filter sand.

Type - Mechanical rapid sand filtration.

Filter Capacity:

Number	Dimensions	Area	Maximum Rate
1 -	12' x 15'	180 Sq. ft.	516,500 Gal. Day
2 -	12' x 15'	180 " "	516,500 " "
3 -	12' x 15'	180 " "	516,500 " "
4 -	12'2" x 15'	197 " "	565,300 " "
5 -	14'6" x 15'6"	225 " "	645,700 " "
6 -	14'6" x 15'6"	225 " "	645,700 " "
7 -	12'6" x 15'6"	194 " "	556,700 " "
8 -	12'6" x 15'6"	194 " "	556,700 " "
9 -	13'3" x 14'3"	189 " "	542,400 " "
10 -	13' x 14'	182 " "	522,300 " "
11 -	12'6" x 14'4"	179 " "	513,700 " "
12 -	13'6" x 13'11 1/2"	187 " "	536,900 " "
		<b>Total</b>	<b>2312 " " 6,634,900 " "</b>

Total area in acres .053

1934 The filters have been repaired & replaced with new gravel & sand. This work was done by C.W.A. Brown & Sons, Inc.

is installed and been subject to the wind flow, over the inlet opening. Unit equipped with angle valve to permit full

Laboratory: - Equipped with all the necessary appliances for making chemical analysis and bacteriological examination of the water. Two Venturi Meters are connected with 20-inch meter tubes, one each on the raw water lines from Walnut Creek and Swift Creek, to indicate and record the rate of flow and to register the total flow of water delivered to the Coagulating Basin.

Chlorinating Room: - Equipped with two Wallace & Tiernan Vacuum Type M.S.V. Chlorinators - also, sample table and pumps with all necessary piping, valves, fittings, etc.

Chemical Feed & Storage House: - Built in 1927, just west of and connecting with coagulating basin; three story, concrete and brick, 28'10" x 21'10"; floors of concrete; roof of reinforced concrete with "Barber" asphalt finish; stairways; railing, window frames and sash and roller door on bottom floor of steel.

The first floor is used for chemical storage. On the second is installed 3- Canntt Dry Chemical Feeders with worm gear drive; steel hoppers for feeding powdered chemicals extend above to the third floor. Feeder No. 1, is operated by a "Century" Polyphase 1/4 H.P., 60 Cycle, 220 volt motor. No. 2 & 3 by General Electric 1/2 H.P., 60 Cycle, 220 volt Induction motors.

A 1/4 ton "Crane" electric hoist, for handling chemicals, is installed on I beam support, on the third floor, over the hoist opening. Hoist equipped with ample cable to permit full

*On the Third Floor there is located one Wallace & Tiernan Vacuum Type M.S.V. Chlorinator and pumps with all necessary piping, valves, fittings, etc. The Type R.K.F. 1/4 H.P. 60 Cycle, 220 volt motor for feeding chemicals.*

travel to first floor; controll chains also extend to the first floor for operation from that point.

Wash Water Tank:- Consists of a Steel Water Tower and elliptical bottom, conical roof tank; steel ladders and balcony. A riser pipe of riveted steel incloses a 12-inch inlet pipe; 4-inch wrought iron overflow pipe extends from top of tank down one of the columns to nearest manhole. A 12-inch wash water line runs from the tank riser to and connecting with 12-inch wash water main inside the pipe gallery. The tank is supplied by a 4-inch c.i. pipe line from 14-inch force main, to riser. An altitude valve in this line automatically maintains the tank full to capacity. Also, a 4-inch "Crest" meter measures the flow of water.

Capacity of tank 50,000 gallons - Diameter 25 feet.

Height from ground to bottom 50 feet.

Plans and specifications on file.

*Tank painted 1933*

Clear Water Reservoirs:

Reservoir No. 1:- Located near filter house - part of original plant built in 1887 - elliptical in plan, 172'6" x 146'6" and approximately 16 feet deep, built of rock and cement. Rock wall has been raised 2 feet by a brick wall 16 inches thick plastered with 1-inch cement mortar. On top of this wall, 500 feet around, is a double rail fence of 2 x 1 $\frac{1}{2}$ " galvanized iron pipe with 30" - 1 $\frac{1}{2}$ " mesh galvanized wire netting. In 1928 a concrete bottom was put in this reservoir and the sides "Gunite" lined.

Inlet pipe from filters - 20" with valve.  
 Blow-off on south side of reservoir 12" pipe and valve.  
 Inter-connecting line with No. 2 reservoir - 14" pipe  
 end valve.

Suction pipes to pumps:- 18", 16" & 10"-14", with valves  
 of like size on all but the 16", to steam pumps. One 18 into  
 24-inch end one 24 into 30-inch to electric driven pumps.  
 Capacity of Reservoir - 2,000,000 gallons.

*All piping painted May 1935 with Asphalt*

Reservoir No. 2:- Located 80 feet southwest of No. 1.,  
 completed in 1927 - rectangular in plan, 167' x 110' and  
 16' deep, built of reinforced concrete throughout. A 2-inch  
 galvanized iron double pipe railing with galvanized wire screen  
 guard is around top of wall. Piping:- The 20-inch clear water  
 pipe, leading from filter water flume to No. 1 reservoir, is  
 extended to connect with reservoir near the upper end. A 16  
 foot 12-inch riser pipe forms the overflow and is connected  
 with a 12-inch drain pipe. A 24-inch outlet or suction pipe  
 runs from the lower end of reservoir to a point where the 24-  
 inch suction from No. 1 connects. From this point the line is  
 of 30-inch for a distance of 1216 feet and is there reduced to  
 24 inch extending to electrically driven pumps. Plans on file.

Aerating System:- Connected with this reservoir is an  
 aerating system consisting of 12-inch O.I. pipe supported by  
 concrete brackets around the inside near the top. Connected  
 with this pipe, on 12-foot centers, at a vertical angle of 45°



are 38- 2 $\frac{1}{2}$ " galvanized iron pipes, 5 $\frac{1}{2}$  feet long, with brass spray nozzles attached. The system is supplied with water through a 12-inch connection from the 20-inch clear water pipe at reservoir and a 12-inch discharge pipe from an electrically driven pump situated in basement of Filter House, connecting with the said 20-inch clear water pipe near reservoir No. 1 - Capacity of reservoir 2,200,000 gallons.

All piping to reservoir, of whatsoever nature, have like size gate valves.

Both reservoirs are usually in general use, but each can be used independently at will. When used independently No. 1 can serve both steam and electric pumps. No. 2 only electric pumps. pump raw water to settling basin.

**AERATING SYSTEM, NOT IN USE**  
Aerating Pump:- "Morris", horizontal split case, brass Pumping Station

fitted Centrifugal Pump direct connected to General Electric built in 1887 - located on the north bank of Spring Creek. Induction Motor.

on the old Fayetteville Road, about 1 $\frac{1}{2}$  miles south of City, and

Specifications - Pump:-

is a high one story brick building with 18-inch walls. A 18-inch diameter - Suction and discharge - 12-inches.

inch wall extending through the roof divides the building into

Number of stages - 1.

a boiler room, 30 x 40 feet, and pump room 34 x 44 feet; slate

Speed - 1160 R.P.M.

covered roof on wooden shingles, supported by purlins and

Temperature of water to be pumped - 40 - 140 degrees F.

trusses, 18 over the pump room, a metal roof with steel trusses

Efficiency of pump not less than 73%.

to cover the boiler room. floor in pump room, cement in

Capacity of pump per minute - 2780 gallons.

boiler room. there is a brick stack outside of building, the

Suction head - 15 feet.

metal stacks extending through roof.

Total head - 50 feet.

Specifications - Motor:

Type - K.F.

H.P. - 50.

Full load speed - 1200 R.P.M.

Volts - 2200.

Phase - 3.

Cycles - 60.

Pumping Equipment:

Form - B.

Temperature - full load 40° - 125% load 2 hrs. 55°.

Weight - 2350 lbs.

Dull black marine finish slate switchboard for the control of motor, complete - Size 31" x 24" x 1 1/2".

The above pump and equipment was purchased in 1919 and formerly used to pump raw water to settling basin.

*This pump is not being used and is disconnected by* Pumping Station:

Built in 1887 - Located on the north bank of Walnut Creek, on the old Fayetteville Road, about 1 1/2 miles south of City, and is a high one story brick building with 13-inch walls. A 13-inch wall extending through the roof divides the building into a boiler room, 35 x 40 feet, and pump room 66 x 44 feet; slate covered roof on wooden sheathing, supported by purlins and trusses, is over the pump room, a metal roof with steel trusses is over the boiler room. Wood floor in pump room, cement in boiler room. There is a brick stack outside of building, two metal stacks extending through roof.

*The settling system & pump are no longer needed on account of advanced carbon being used for sand filter.*

Specifications - Pumps:

**Addition to Pumping Station:-** Built in 1925, on the frontside and connecting with original building, and is one story brick with 13-inch walls, 30'9" x 28'4" over all; slate covered roof on wooden sheathing and trusses; cement floor. This addition houses the electrically driven high duty pumps and equipment.

Pumping Equipment:

Steam - High Duty Pumps:- One (1) Worthington Duplex

Horizontal Compound outside center packed plunger pump fitted with surface condenser - Size 16 x 29 x 15 x 18 - Suction 14" discharge 12" - Capacity 2,500,000 gallons per 24 hours. Purchased in 1903.

Purchased in 1907 - One (1) McGowan Duplex Horizontal

Compound outside packed plunger pump fitted with surface condenser. Size 20 and 32 x 15 x 34. Suction 18" - discharge 12". Capacity 3,000,000 gallons per 24 hours.

Purchased in 1914 - One (1) Prescott Horizontal Cross

Compound Condensing Corliss Pumping Engine, fitted with surface condenser. Size 15 and 30 x 9 $\frac{1}{2}$  x 30 - Suction 16" - discharge 2- 12" into 16". Capacity 2,500,000 gallons per 24 hours.

Specifications for pumps on file.

Steam - Low Duty Pumps:- Purchased in 1919. One (1)

Morris Horizontal Split Case Turbine Driven Centrifugal Pump direct connected to Kerr Economy Steam Turbine. One set of Kerr Economy reduction gears complete with force feed oiling system.

Specifications - Pump:-

Diameter of suction and discharge - 12-inches.  
 Number of stages - 1.  
 Speed - 1200 R.P.M.  
 Temperature of water to be pumped - 40-140 degrees F.  
 Efficiency not less than 75%  
 Capacity per minute - 3475 gallons.  
 Suction head - 15 feet.  
 Total head - 50 "

Specifications - Turbine:-

Stage - 8.  
 Ratio speed - 4560/1200 R.P.M.  
 Oil Tank and Cooler capacity - 16 gallons.  
 Cooling surface - 3000 sq. inches.

Turbine designed for operating non-condensing.

Auxiliary - Pump Equipment:-

- One 8-inch Prescott attached suction Air Pump.
- One Knowles direct acting vacuum pump, size 8 x 12 x 12.
- One Worthington direct acting vacuum pump, size 6 x 9 x 10.
- One McGowan boiler feed pump, size 6 x 4 x 6.
- One National Water Heater.
- Three No. 32 - 1-inch "The Strong Steam Traps."
- One Westinghouse air compressor - 8 x 5 x 10.
- One Westinghouse air compressor - 9 1/2 x 8 x 10.





#3 Purchased in 1912 - One (1) Casey-Hedges Improved Internal Furnace Type - 8' in diameter and 16' long over all including combustion chamber. Furnace of the Morison corrugated type 4'2" in diameter, 12'9" long - 80 lap welded steel tubes 3½" diameter, 13' long. H.P. 150 - Steam pressure allowed 150 Lbs.

Boilers equipped with all necessary appurtenances.

Complete specifications on file.

Steam Pipes:

Single line of 8-inch, extra heavy, wrought iron, steam pipe with 6, 4 & 2½-inch lateral pipes to pumps. All necessary, extra heavy valves and fittings. Covered with 1" - 85% magnesia covering.

Light Wiring:

All buildings, coagulating basin, clear water reservoirs and grounds are wired for electric lighting in accordance with rules and regulations in force by the City.

Electrical - High Duty Pumps:

Purchased in 1923 - Two (2) Morris Machine Works Motor driven centrifugal high head, pumping units. Each unit to consist of equipment as specified below:

Two (2) 2500 G.P.M. Morris single stage brass fitted centrifugal pumps, connected in series, complete with common base plate couplings and interconnecting piping.

One (1) 300 H.P. General Electric Type I slip ring Induction Motor, 3 phase, 60 cycle, 2200 volt, 1200 R.P.M., with drum

Speed, R.P.M. 660.

Temperature of water to be pumped - 40-140.

controller and starting resistor for panel mounting.

One (1) Switchboard complete with starting panel, switch panel and instruments as specified.

One (1) Swinging bracket Voltmeter for both motors.

One (1) Oil Circuit Breaker, Type P.K. 20, Amp. 200, volts 2500, cycles 60.

Details for Pumps:

Diameter of suction and discharge 10"

Number of stages - Two single stage pumps in series.

Speed, R.P.M. - 1170.

Temperature of water to be pumped, degrees F. - 40-140.

Efficiency of pumps not less than - 79%

Total head suction plus friction plus static - 350 feet.

Detail specification of pumps, Motors and all appurtenances on file.

Electric Low Duty Pump:

Purchased in 1924 - One (1) Morris Machine Works horizontally split case double suction, motor driven, Centrifugal Pump, brass fitted through-out, complete with base plate and couplings, receiving in direct connection.

One (1) 60 H.P. Type M.T. Frame 346, General Electric variable speed slip ring motor, 3 phase, 60 cycle, 2200 volt, 900 R.P.M. complete with hand starting equipment.

Description of Pump:

Diameter of suction and discharge - 12"

Number of stages - 1.

Speed, R.P.M. 860.

Temperature of water to be pumped - 40-140.

Efficiency of pump not less than 74%

Static head - 29 ft.

Friction head - 6 "

Total head - Suction plus Friction plus static 40 ft.

Detail specifications on file.

~~Power for pumping is furnished by the Carolina Power & Light Company under contract with the city.~~

*This pump is out of service, but can be put in service by wiring the line out side of building.*  
On Grounds at Pumping Station:

Repair Shop and store house, two story brick with metal roof.

→ Cottage, 3-rooms, frame, shingle roof.

The above two buildings built in 1887.

Auxiliary Water Supply:

Taken from Rand's Mill site on Swift Creek, approximately seven miles southeast from main Pumping Station, pumping through 37,520 feet of 24 and 20-inch cast iron pipe line to Coagulating Basin. Other conditions the same as for Walnut Creek

Swift Creek has a drainage area above Rand's Mill of approximately sixty-two square miles. A very large percentage of the watershed, especially along the margin of the main stream and tributaries, is in large timber and other wooded growth. The Town of Garner, situated about three miles north of Rand's Mill, has approximately 350 inhabitants, one-half of which reside on the watershed. The balance of the shed is sparsely settled. Yates Pond, on Steep Hill Creek, a tributary of Swift Creek, is

*This cottage was now had engine & no more only for coverage of chemicals*



controlled by a fishing club of about twenty members. It is approximately six miles northwest from the intake at Rand's Mill.

A concrete dam, at the mill site, forms a storage basin holding approximately twenty million gallons of water.

An old two story, frame, grist-mill is at the northeast end of dam. *Then mill in demand to Wade Tappan for B. S. Co. for power, & for service as*  
Pumping Station: *waterhouse.*

Built in 1927 on City property at Rand's Mill - Concrete and brick construction, 34'5" x 32'8" over all. The foundation, floors, side and partition walls, forming pump and suction chamber, are all of concrete. The super-structure is of hard brick masonry. Operating balcony of reinforced concrete, with 2" iron pipe railings, roof of reinforced concrete with "Barber" asphalt finish. All windows frames and sash, door frames and doors, of steel. Steel ladders lead from the operating balcony to pump floors, in each pump chamber. *complete*  
 with A. Yale & Towne six (6) ton traveling crane and hoist with sufficient chain for a clear lift of thirty (30) feet is provided for handling pumps and motors. *Painted Fall of 1934*

Piping & Valves: *black marine finish gate valved,*  
 Includes the 30" suction line from the creek below the dam to and into the Suction Well; the 24" suction line from the pumps to and through the dam, connected to which is a screened intake; the 24" blow-off pipes to dam; the two 12" A.

Efficiency 84% - H.P. 100, 35 - Speed 1200 R.P.M.

Suction 12" - Discharge 10" - Type Series.

discharge lines from the pumps to the point of connection with the 24" discharge line leading to main Pumping Station; the 6" discharge lines from the relief valves; all small drain piping from the pumps and discharge lines from sump pumps.

All necessary valves for the proper operation of the plant are provided.

Light Wiring:

All light wiring throughout the building is installed according to specifications.

Complete plans and specifications on file.

Pumps:

Purchased in 1927 - Two (2) Worthington motor driven centrifugal, heavy duty, pumping units. Each unit to consist of equipment as specified below:

Two (2) 2500 G.P.M. Worthington horizontal, split case, series type, fully bronze mounted centrifugal pumps complete

with common base plate, couplings and interconnecting piping.

One (1) 250 H.P. Westinghouse Electric slip ring Induction Motor, 3 phase, 60 cycles, 550 volts, 1200 R.P.M.

One (1) 4 panel, black marine finish slate switchboard, with switching and control equipment with all details, accessories etc.

Details for Pumps:

Parallel operation: Head 240 feet - capacity 2500 G.P.M.

Efficiency 84% - H.P. 180.36 - Speed 1200 R.P.M.

Suction 12" - Discharge 10" - Type Series.

Factory H 102912 } H Pump

Single Operation: Head 200 feet - Capacity 3300 G.P.M.  
Efficiency 82 1/2 - H.P. 800.

Complete plans and specifications for above described pumps and motors, together with all necessary appurtenances, on file.

Sump Pump: For handling seepage from pump pits -

Two (2) Rumsey - 30 G.P.M., 1130 R.P.M. Electric Sump Pumps.

Two (2) Schutti-Hoerting 2" Ejectors.

Electric Transmission Line:

Electricity for power for operating pumps, and for lighting, is supplied over a transmission line running from Garner to Sub-station on City's property at Rand's Mill. The line, sub-station and equipment was constructed by the Carolina Power & Light Company and paid for by the City. (See Agreement, Jan. 4th, 1928.)

Pipe Line:

Laid in 1927 - From Coagulating Basin at main Pumping Station to Pumping Station at Rand's Mill - 37,520 feet of 24 & 20-inch cast iron pipe described as follows:

From Coagulating Basin to Station 90 + 00	-20" Class "B"	9320 Ft.
" Station 90 + 00	" " 131 + 00 -20"	" " "A" 4100 "
" " 131 + 00	" " 194 + 22 -24"	" " "A" 6322 "
" " 194 + 22	" " 267 + 72 -24"	" " "B" 7350 "
" " 267 + 72	" Pumps - discharge	" " "C" 10428 "
Total -		37520 "

Station	Kind	Size
8 + 98	Blow-off	6"
28 + 60	Air Relief	3"
43 + 75	Gate	20"
44 + 00	Blow-off	6"
44 + 25	Gate	20"
131 + 00	Air Relief	3"
142 + 08	Blow-off	6"
150 + 60	Air Relief	3"
155 + 00	Blow-off	6"
181 + 00	Air Relief	3"
207 + 60	Gate	24"
207 + 80	Blow-off	6"
208 + 00	Gate	24"
219 + 00	Air Relief	5"
234 + 00	Blow-off	6"
238 + 00	Air Relief	3"
245 + 70	Blow-off	6"
253 + 00	Air Relief	3"
258 + 00	Blow-off	6"
262 + 00	Air Relief	3"
269 + 70	Blow-off	6"
273 + 00	Air Relief	3"
285 + 40	Gate	24"
285 + 60	Blow-off	6"
285 + 80	Gate	24"



Station	Kind	Size
298 + 00	Air Relief	3"
303 + 00	Blow-off	6"
306 + 00	Air Relief	3"
316 + 30	Blow-off	6"
322 + 00	Air Relief	3"
328 + 00	Blow-off	6"
331 + 00	Air Relief	3"
334 + 10	Blow-off	6"
342 + 00	Air Relief	3"
345 + 10	Blow-off	6"
349 + 00	Air Relief	3"
366 + 00	Blow-off	6"
368 + 00	Air Relief	3"
371 + 00	Gate	24"

Total: 2- 20" Gate Valves.

erated steel tank with hemispherical bottom and conical roof supported by structural steel tower on concrete foundations. A six foot in diameter cluster of steel plate and  
 5- 24" " " "  
 16- 6" Blow-off Valves  
 16- 3" Air Relief "

Profile and specifications of pipe line and Valves on file.

Telephone Line: Built along the pipe line right of way with telephone at Filter Plant and Pumping Station at Rend's Mill. arway around the riser from base to balcony: steel ladder on both the outside and inside of tank. The tank is circled by a 20-inch cast iron class "0" pipe from 2-inch wire on "College Place" to and connecting with riser; 4-inch



*Handwritten note in left margin: This is an altered set # 8-10 E. Morgan St. in the building formerly owned & used as garage & office of C.V. York. This building is now the property of the City Sinking Fund to which a per month Rent is paid. There is a verbal agreement with Culp Parks whereby he pays the bill for lights, if the Water Dept. furnishes heat for the adjacent Filling Sta.*

Office Building:

Built in 1987 - Located at 115 West Morgan Street - Two story brick, metal roof building, 27' x 25'5" over all.

Adjoining office building, in the rear, is an octagonal Tower of stone and brick, formerly used as an equilizer on distribution system. The 100,000 gallons tank, formerly on tower, was taken down in 1924 by the State Highway Motor Dept. and erected at their plant on the Hillsboro Road.

Repair shop and store house, built in 1914, in rear of tower, two story brick, 36' x 23' over all. Frame metal covered garage, 18' x 18', adjoining.

*Handwritten note: This building was abandoned by Water Dept. Jan. 1, 1934*

Tower and Tank:

Built in 1922 - Located on Lots Nos. 15 & 16 of Sec. No. 17, of the Cameron Park property, on the north side of street designated as College Place.

Riveted steel tank with hemispherical bottom and conical roof supported by a structural steel tower on concrete foundations. A six foot in diameter riser of steel plate construction extends from foundation to bottom of tank. This riser enclosed a 20-inch cast iron riser pipe and 8-inch overflow pipe. A steel balcony, 30-inches wide with railing 36-inches high is round the tank near top of tower; steel, spiral stairway around the riser from base to balcony; steel ladder on both the outside and inside of tank. The tank is supplied by a 20-inch cast iron class "C" pipe from 20-inch main on "College Place" to and connecting with riser; a 20-inch

hydraulically operated valve controls the line:

Dimensions:

- A1 - Plan of Walnut Creek Waterbed.
- Height from top of foundation to over flow - 129'5"
- A2 - Mid of Survey of Lake Johnson.
- " " " " " " floor of balcony - 103'6".
- A3 - Map of Property Area - Lake Johnson.
- " " " " " " bottom of tank - 90'0".
- A4 - Plan of Dan & Gals house - Lake Johnson.
- " " " " " " bottom of tank to balcony - 13'6".
- A5 - Plan of Bridge - Avenue Perry Road - Lake Johnson.
- " " " " " " overflow - 26'3".
- A6 - Map of Survey - Lake Raleigh - 1913.
- Diameter of tank - 54'0".
- Top of Lake Raleigh Dam with elevations - 1921.
- Capacity of tank - 600,000 Gallons.
- Plan of Dam - Lake Raleigh - 1913.
- A small brick gate house is at base of tower.
- A7 - Plan and Profile of Gravity Conduit Pipe Line from
- A "Cyclone" wire fence encloses the tower lot, 120' x 150'.
- Lake Raleigh to Pumping Station.
- Plans and specifications for Tower & Tank on file.
- A8 - Plan and Profile of Pressure Conduit Pipe Line from
- Elevation of Foundation to Tank - 367.5
- " " overflow " " - 497.0

*Plans for tower and tank with cross section of*  
*Aluminum tower by Peter Steel Co.*  
*August 1921. Price \$170.00*

*Report on tower by James M. ...*  
*Highway Commission*  
*name of all ... survey.*

15.0 *lbs aluminum ... @ 45, showing size*  
*15 gals ... Vehicle @ 80*

1.0 *gals ... from pumping*  
*station to city limits.*

A14 - Plan and Profile of 16-inch force main from Pumping  
 station to City Limits.

A15 - Plan of Water Tower & Tank.

Maps & Profiles:

- A1 - Map of Walnut Creek Watershed.
- A2 - Map of Survey of Lake Johnson.
- A3 - Map of Property Areas - Lake Johnson.
- A4 - Plan of Dam & Gate House - Lake Johnson.
- A5 - Plan of Bridge - Avent Ferry Road - Lake Johnson.
- A6 - Map of Survey - Lake Raleigh - 1913.  
Map of Lake Raleigh Dam with elevations - 1921.  
Plan of Dam - Lake Raleigh - 1913.
- D1 - Plan and Profile of Gravity Conduit Pipe Line from  
Lake Raleigh to Pumping Station.
- D2 - Plan and Profile of Pressure Conduit Pipe Line from  
Swift Creek Pumping Station to Coagulating Basin.
- A7 - General Plan - Main Pumping Station.
- A8 - Plan of Settling Bsin.
- A9 - Plan of Filter Plant.
- A10 - Plan of new Clear Water Reservoir .
- A11 - Rends Mill property survey.
- A12 - Plan of Pumping Station at Rends Mill, showing pipe  
arrangements.
- A13 - Plan and Profile of 14-inch force main from Pumping  
Station to City Limits.
- A14 - Plan and Profile of 16-inch force main from Pumping  
Station to City Limits.
- A15 - Plan of Water Tower & Tank.



- A16 - Map of Distribution System - National Board of Fire Underwriters - 1911 - 1924.
- A17 - Map of Distribution System - Pitometer Co. 1928.  
 General Map of Distribution System:  
 This is a large sectional map of the City consisting of 148 sheets of linen tracing cloth - 36 x 36-inches showing in detail all mains, hydrants and valves.
- Sanborn's Map of Raleigh - Sectional map, 95 pages, 20 x 20-inches, showing property lines and buildings; institutions and industrial plants.
- Sundry Sub-Division Maps - Showing water & sewer lines:
- A18 - Battery Heights.
- A19 - Glenwood.
- A20 - College Park.
- A21 - Bloomsbury - Aug. 1912 - Feb. 1914.
- A22 - Barnes Property - Nov. 1914.
- A23 - White Oak Forest.
- A24 - Cameron Park - Aug. 1915.
- A25 - Harris-Chamberlain.
- A26 - Ridgecrest.
- A27 - Boylen Heights.
- A28 - Roanoke Park.
- A29 - Hayes-Barton.
- A30 - Georgetown.
- A31 - North Raleigh (Pough)
- A32 - College Crest.

- A33 - Mercedes Place.
- A34 - South Park.
- A35 - Dixie Trail.
- A36 - Wilmont.
- A37 - Edgewood - Adjacent to Hayes-Barton.
- A38 - Pullen Park Terrace.
- A39 - Blue Moon Ridge.
- A40 - Hazlewood.
- A41 - Forest Hill.
- A42 - Fair Ground Development.
- A43 - Berry O'Kelly School - Method.
- A44 - Fuller Heights.
- A45 - Budleigh.
- A46 - Wake Hill.
- A47 - Kenmoor.

Maps of State Institutions, Schools and Industrial Plants.

- B1 - State School for the Blind.
- B2 - " Prison.
- B3 - " Hospital.
- B4 - " College.
- B5 - " Soldiers Home.
- B6 - Methodist Orphanage - 1907 - 1915.
- B7 - St. Mary's School.
- B8 - Meredith College.
- B9 - St. Augustine School.

B10 - Buckeye Cotton Oil Co.

B11 - Stallings Davis Tobacco Co.

B12 - Raleigh Cotton Mills.

B13 - Pilot Cotton Mills.

B14 - Rex Hospital.

Sundry other miscellaneous maps of minor importance on file.

10-inch - Class "D":

From Pumping Station through city

10-inch - Class "D":

North on Mount St. to Davis St. 1.00  
1.00

10-inch - Class "E":

Pumping Station - Jones area between "City" and "Rural"  
From Pumping Station along "Rural" to "City" on  
N. side of Rocky Branch

10-inch - Class "D":

Mount St. - Davis to Carroll 1.00  
1.00

12-inch - Class "D":

Waynesville St. from valve at Rocky Branch to  
North St. 1.00

12-inch - Class "D":

Waynesville St. North to Morgan - 1.00  
Morgan St. Waynesville to McDowell - 1.00  
Mount St. Carroll to Jones - 1.00  
Jones St. Mount to Halifax - 1.00  
Lenoir St. Mount to McDowell - 1.00  
McDowell St. Lenoir to Jones - 1.00  
Halifax St. under Railroad bridge - 1.00  
St. Mary's St. Millboro to Millersboro - 1.00  
Rock St. at Gaston to clear over N. 1.00

Distribution System:

Cast Iron Water Mains owned by the City of Raleigh.

June 1st, 1930.

20-inch - Class "C": Lin. Feet.

Jones St. from Halifax to St. Mary's -	3,400
St. Mary's St. from Jones to College Place -	400
College Place - from St. Mary's to connect with tank -	496
Total -	<u>4,296</u>

16-inch - Class "D":

From Pumping Station through City Farm to S. Blount St. 2,585

16-inch - Class "C":	
North on Blount St. to Davie St. -	4,312
Total -	<u>6,895</u>

14-inch - Class "D":

Pumping Station - Cross over between force mains -	130
From Pumping Station along Fayetteville Rd. to valve	
S. side of Rocky Branch	3,475

14-inch - Class "C":	
Blount St. - Davie to Largett -	972
Total -	<u>4,577</u>

12-inch - Class "D":

Fayetteville St. from valve at Rocky Branch to	
Worth St. -	1,800

12-inch - Class "C":

Fayetteville St. Worth to Morgan -	3,552
Morgan St. Fayetteville to McDowell -	800
Blount St. Largett to Jones -	1,540
Jones St. Blount to Halifax -	750
Lenoir St. Blount to McDowell -	1,570
McDowell St. Lenoir to Jones -	3,500
Hillsboro St. under Railroad Bridge -	144
St. Mary's St. Hillsboro to Williamson Dr. -	6,230
Peace St. at Gaston to clear paving W. & N. -	36



Lin. Feet

Hinsdale St. to clear paving W. & E. -	36
From Tower site W. on College Place and Benehan St. to Groveland Ave. -	2,820
North on Groveland Ave. to Park Drive -	330
West on Park Drive to Oberlin Road -	400
North on Oberlin Rd. to Stafford -	970
West on Stafford St. to Chamberlain -	618
South on Chamberlain St. & Fairground Lane to Alley -	1,135
West on Alley to Horn St. -	100
South on Horn St. to Hillsboro -	155
Hillsboro St. Horn to Brooks Ave. -	1,600
Brooks Ave. Hillsboro to Everett -	1,180
Halifax St. North to Pine -	2,500
Pine St. Halifax to Blount -	760
Peace St. Halifax to Dawson -	1,145
Dawson St. N. to clear paving -	100
Total -	<u>33,771</u>

10-inch - Class "C":

Salisbury St. Morgan to Edenton -	610
Edenton St. Salisbury to Halifax -	290
Halifax St. Edenton to North -	1,260
	<u>2,160</u>

8-inch - Class "C":

From Fayetteville Rd. to State Hospital Meter -	3,695
Lenoir St. Blount to Haywood -	2,470
" " McDowell to Saunders -	1,700
Saunders St. Lenoir to South -	276
South St. Sanders to Cutler -	1,200
Cabarrus St. Fayetteville to Dawson -	1,270
Cabarrus St. Fayetteville to Dawson -	762
Hargett St. " " Person -	1,259
Morgan St. McDowell to Harrison -	4,440
Hillsboro St. Salisbury to E. end of R.R. Bridge -	2,054
" " W. end of R.R. Bridge to State Col. -	5,737
" Rd. 600' W. of Dixie Trail to Meredith College -	3,566
" " Meredith to turnout to Method -	774
Newbern Ave. Blount to Swain -	2,177
N. Boylan Ave. Hillsboro to Tucker -	2,024
North St. Boylan Ave. to West -	927
" " Halifax to Person -	1,248
" " " to Salisbury -	300
Salisbury St. North to Franklin -	1,947
" " " Firwood Ave. intersection -	1,221
Oberlin Rd. Stafford to Fairview Rd. -	7,364
Fairview Rd. Oberlin to Woodland Ave. -	1,423
Woodland Ave. Fairview to Glenwood Ave. -	1,056

CAMDEN ROAD PAVING  
 PAVING RAILROADS  
 BLUE TOP MANUFACTURERS  
 BEERS AND SONS  
 RAILROADS  
 3000 Salisbury Street  
 PHONES: 234-357

Lin. Feet

St. Mary's St. Williamson Dr. to Fairview Rd.	3,640
Chamberlain St. Stafford to Brown Ave. -	1,920
Clark St. Chamberlain to Brooks Ave. -	2,289
<b>Total -</b>	<b>55,739</b>

6-inch - Class "C":

Ashe Ave. Hillsboro to Park Ave. -	1,459
" " Across Bridge to Blind Inst. connection-	326
Adams St. Glenwood Ave. to Filmore -	390
Alexander Rd. " " to White Oak Rd. -	1,145
Aycock St. " " to Pershing Dr. -	3,700
Alley - north - Brooklyn to P/L Methodist Orphan.	356
Arlington St. Pineview west to end -	700
Bragg St. Holman to Hill -	320

2 - Style 38 Dresser Steel  
 Couplings for <sup>12"</sup> Class "C" C.I. Pipe  
 A.W.W.A. without pipe stop  
 and with gdr. hills.

4 - Style 38 D. Steel Couplings  
 for 14" Class B C.I. Pipe

saunders E. & W. to clear paving -	72
" " West to Cannister -	780
Cutler St. South to Cabarrus -	650
Cox Ave. Hillsboro to Park Ave. -	1,340
Cabarrus St. W. Boylen Dr. to Dawson -	3,522
" " E. Blount to Smith -	2,770
Commerce St. Davie to Martin -	480
Chestnut St. Hinton to Mordecai Dr. -	350
Cole St. Glenwood to Filmore -	750
Chamberlain St. Hillsboro to Fairground Lane -	1,040
Cameron Dr. - Hillsboro to Park Dr. -	1,876
Creston Rd. Woodland Ave. to Myrtle Ave.	973
Craig St. St. Mary's to Jarvis -	630
Carr St. Williamson to Harvey -	1,250

**Commercial Printing Co.**  
*Printing Ruling Binding*  
 BLANK BOOK MANUFACTURERS  
 BRIEFS AND RECORDS  
 South Salisbury Street  
 RALEIGH, N. C.  
 PHONES: 3950-3951

	Lin. Feet
St. Mary's St. Williamson Dr. to Fairview Rd.	3,640
Chamberlain St. Stafford to Brown Ave. -	1,920
Clark St. Chamberlain to Brooks Ave. -	2,289
Total -	55,739
 <u>6-inch - Class "G":</u>	
Ashe Ave. Hillsboro to Park Ave. -	1,459
" " Across Bridge to Blind Inst. connection-	326
Adams St. Glenwood Ave. to Filmore -	390
Alexander Rd. " " to White Oak Rd. -	1,145
Aycock St. " " to Pershing Dr. -	3,700
Alley - north - Brooklyn to P/L Methodist Orphan.	356
Arlington St. Pineview west to end -	700
Bragg St. Holeman to Hill -	320
Brown Ave. Olds Ave. to Chamberlain -	2,275
Boylan Dr. Cabarrus to Florence -	1,980
Bedford Ave. Olds Ave. to Daughteridge -	719
Boylan Ave. S. Boylan Dr. to Montford -	2,032
" " S. Montford to Hillsboro -	1,572
Blount St. S. Davie to Martin -	486
(East side and paralleling 14" main)	
Blount St. S. Hargett to Newbern Ave.	784
" " N. Newbern Ave. to Pine -	4,012
Bloodworth St. S. Lee to Bledsoe -	470
" " S. Smithfield to Newbern Ave. -	3,970
" " N. Newbern Ave. to Porter -	4,200
Boylan Ave. N. Tucker to Willsforest -	1,780
Boundary St. N. Bloodworth to Watauga -	1,180
" " S. Offset on Smith St. -	125
Brooklyn St. Gaston W. to Alley -	215
Bickett Blvd. Paison Place to Fairview -	1,250
" " Greenwood to Whitaker Mill Rd. -	2,650
Carroll Dr. Whitaker Mill Rd. to Hudson -	400
Clark St. Chamberlain to Oberlin Rd. -	624
" " Shepherd to Hillsboro -	1,950
Cannister St. Fowle to Cannon -	483
Cannon St. " " N. to clear paving -	160
" " Saunders E. & W. to clear paving -	72
" " West to Cannister -	780
Cutler St. South to Cabarrus -	650
Cox Ave. Hillsboro to Park Ave. -	1,340
Cabarrus St. W. Boylan Dr. to Dawson -	3,522
" " E. Blount to Smith -	2,770
Commerce St. Davie to Martin -	480
Chestnut St. Hinton to Mordecai Dr. -	350
Cole St. Glenwood to Filmore -	750
Chamberlain St. Hillsboro to Fairground Lane -	1,040
Cameron Dr. - Hillsboro to Park Dr. -	1,876
Creston Rd. Woodland Ave. to Myrtle Ave.	973
Craig St. St. Mary's to Jarvis -	630
Carr St. Williamson to Harvey -	1,250

## Lin. Feet

Circle St. Glenwood to City Limits -	1,230
Calvin Rd. College Pl. to St. Mary's -	1,070
Davie St. W. Harrington to Fayetteville -	1,770
" " E. Fayetteville to Tarboro -	4,820
Dawson St. S. Lenoir to Hillsboro -	2,728
" " N. Hillsboro to North -	1,520
Daughteridge St. Everett to Brown -	1,176
Deveraux St. Gaston to Glenwood -	830
Duncan St. Fairview to Aycock -	1,277
Dupont Circle - Linsey to Commercial Ave.	430
East St. S. Davie to Smithfield -	2,406
" " Davie to Newbern Ave. -	1,720
Elm St. Jones to Boundary -	2,110
" " Franklin to Holt -	350
Everett St. Chamberlain to 2nd Ave. -	400
" " " " Brooks Ave. -	1,750
East St. N. Newbern Ave. to Oakwood Ave. -	1,550
" " Polk to Franklin -	1,400
Edenton St. W. West to Salisbury -	1,734
" " E. Blount to State -	3,570
Enterprise St. Hillsboro to N. of Hope -	540
Faison Place - Bickett to Scales -	610
Fowle St. Manly to Cannister -	413
Faircloth St. Hillsboro to Ruffin -	900
Florence St. Cannon Ave. to Lenoir -	420
" " Boylen Dr. to South -	460
Freeman St. Davie to Martin -	450
Firwood Ave. Salisbury to Raleigh Cotton Mills -	520
Franklin St. Halifax to Beaman Lumber Co. -	566
" " " " E. of Watauga -	3,380
Frank St. Wake Forest Rd. to City Limits -	400
Filmore St. Jefferson to Scales -	1,186
Forest Rd. Hillsboro to Park Drive -	812
Fairview Rd. Stone to Reid -	530
Glenwood Ave. Hillsboro to Jones -	750
" " North to Fairview -	6,970
" " Fairview to Woodland -	2,370
Glascock St. Wake Forest to E. of Watauga -	1,550
Gaston St. Johnson to Peace -	450
" " Deveraux to Brooklyn -	191
Glenn Ave. Vance to Fairview -	560
Graham St. Glenwood to Aycock -	1,230
Greenwood St. Aycock to Bickett -	850
Gardner St. Clark to Everett -	488
Holeman St. Bragg to Lee -	505
Hunter St. Fayetteville to Wilmington -	680
Holeman Rd. Bloodworth to Hunter -	830
Harrison Ave. Hillsboro to Morgan -	1,000
Hargett St. W. Snow to Boylen -	890
" " West to Fayetteville -	2,031
" " E. Person to Tarboro -	3,711



	Lin. Feet
Hillsboro St. Dixie Trail to Brooks -	830
" " " Horne to S" at State College -	950
Harrington St. S. Davie to Martin -	486
" " " Hyd. N. of Shed to Hillsboro -	1,160
" " " N. Hillsboro to North -	1,520
Haywood St. Worth to Lenoir -	860
Hinton St. Mordecai to Wake Forest Rd. -	345
Holt St. Bloodworth to E. of Watauga -	1,800
Harris St. Hope to Chamberlain -	270
Hope St. Harris to Enterprise -	500
Hawthorn Rd. Hillsboro to Park Drive -	1,225
Hillcrest Rd. " " " " -	1,374
Horn St. Alley to Clark -	631
Harvey St. St. Mary's to Glenwood -	2,750
Hudson St. McCarthy to Carroll -	750
Idlewild Ave. Newbern to Lane -	1,260
Iredell Dr. St. Mary's to Williamson -	1,765
Jenkins St. Hupter to Dodd -	278
Jones St. W. McDowell to Salisbury -	464
(North side and paralleling 20" main)	
Jones St. E. Bloodworth to East -	276
" " " Elm to State -	1,900
" " " Blount to Person -	444
Johnson St. Dawson to Wilmington -	1,510
" " " St. Mary's to Park Drive -	1,680
Jefferson St. Glenwood to Pierce -	760
Jarvis St. Vance to Pine View -	2,690
" " " " Fairview -	430
Lee St. Fayetteville to Holman -	316
" " " Blount to Bloodworth -	924
Lenoir St. W. McCullock to Saunders -	2,100
" " " E. Haywood to Branch -	720
Linden Ave. Jones to Oakwood -	850
Lane St. W. St. Mary's to Glenwood -	960
" " " Dawson to Harrington -	420
" " " McDowell to Halifax -	784
" " " E. Halifax to Blount -	751
" " " Person to Tarboro -	3,620
" " " Blount to Person -	450
McKee St. Fayetteville to Manly -	479
Manly St. S. to R.R. Bridge -	600
" " " R.R. Bridge to Cuba -	1,150
McCullock St. Lenoir to Cutler -	350
Martin St. W. West to Dawson -	746
" " " McDowell to Fayetteville -	810
" " " E. between Wilmington & Blount -	255
" " " Blount to City Limits -	4,519
" " " City Limits to near Calvin -	1,560
Morgan St. E. Blount to East -	1,230
McDowell St. N. Lane to North -	276

Lin. Feet

Mordecai Dr. Walnut to Hinton -	3,350
Morrison Ave. Faison Place to Fairview -	1,260
Methodist Orphanage - from end of their line to Williamson Drive -	1,775
Myrtle Ave. Fairview to Glenwood -	680
McCarthy St. White Oak to Whitaker Mill Rd. -	1,050
Newbern Ave. Wilmington to Blount -	479
" " " Swain to Tarboro -	1,960
North St. W. St. Mary's to Boylan -	476
" " " West to McDowell -	1,248
Nash Drive - Glenwood to Scales -	970
Oberlin Rd. Hillsboro to Groveland -	280
Oberlin 3rd St. Oberlin Rd. to 3rd Ave. -	500
Park Ave. Jackson to Blind Inst. connection -	726
" " Blind Inst. Con. to Pullen Terrace -	1,200
Person St. S. Lee to Bledsoe -	450
" " S. Smithfield to Lenoir -	1,240
" " S. Hargett to Newbern Ave.	784
" " N. Newbern Ave. to Walnut -	2,360
Pogue St. Clark to Everett -	689
Polk St. Person to Watauga -	1,670
Peace St. W. Gaston to St. Mary's -	252
" " W. Dawson to Gaston -	2,831
" " E. Halifax to Person -	1,250
Peace St. Harp to Blount -	300
" " Person to East -	740
Pine St. Blount to Person -	486
Pine View - Williamson to Arlington -	790
Porter St. Wake Forest Rd. to Bloodworth -	310
Poplar St. Blount to Wake Forest Rd. -	1,330
Pearce St. Jefferson to hydrant branch -	80
Park Drive - Hillcrest to St. Mary's -	962
Pershing Dr. Aycock to Blount -	350
Reid St. Cowper Dr. to Fairview -	750
Ruffin Ave. Faircloth to Shepherd -	2,054
Smithfield St. Wilmington to Bloodworth -	1,450
Smith St. Worth to Bragg -	1,644
Snow Ave. Hillsboro to Hargett -	870
South St. W. Cabarrus to Cutler -	1,070
Shepherd St. Hillsboro to Ruffin -	2,270
South St. W. Saunders to Fayetteville -	2,480
" " E. Fayetteville to East -	2,050
Saunders St. Cannon to South -	620
Salisbury St. S. South to Morgan -	2,681
" " N. Edenton to Lane -	960
Swain St. S. Lenoir to Newbern -	2,686
" " N. Franklin to Holt -	350
Seawell Ave. Newbern to Jones -	762
Sycamore St. Mordecai to Hinton -	350
Stone St. St. Mary's to Fairview -	1,990
Scales St. Nash to Aycock -	765

Lin. Feet

Scales St. Graham to Fairview -	750
Sunset Ave. Duncan to White Oak -	1,500
Sunrise Ave. Whitaker Mill to Blount Extd.	1,870
Stafford St. Chamberlain to Pogue -	978
Tarboro St. S. Davie to Newbern -	1,700
" " N. Newbern Ave. to Oakwood -	1,610
" Rd. Tarboro St. to City Limits -	339
Tucker St. St. Mary's to Cary -	2,005
Third (3rd) St. Oberlin Rd. to the west -	1,470
Vence St. Redi to Glenn -	1,450
Vanderbilt St. Horn to Brooks -	1,751
Worth St. Blount to East -	276
" " Haywood to Branch -	720
West St. Cannon to Cabarrus -	1,212
" " " Martin to Hillsboro -	1,270
" " " N. Hillsboro to Edenton -	287
" " " Jones to Tucker -	1,250
Wilmington St. S. Hunter to Smithfield -	90
" " " South to Newbern -	2,994
" " " N. Edenton to Polk -	1,810
Watson St. Cabarrus to Davie -	490
Watauga St. Franklin to Holt -	350
Wake Forest Rd. Person to Hinton -	3,960
Willsforest St. Boylan to Glenwood -	470
Woodburn Rd. Hillsboro to Park Dr. -	1,025
Williamson Dr. Pineview to Glenwood -	2,515
Whitaker Mill Rd. Glenwood to City Limits -	3,050
Wills St. Duncan to Whitaker Mill Rd. -	410
Polk St. Cleveland to Person -	Total -
2nd St. Cleveland to Hillsboro -	275,680
4-inch - Glass "C":	
Blount St. S. Cabarrus to Davie -	480
" (East side paralleling 14" main)	
Blake St. Person to Martin -	502
Belmont St. Peace N. to Hydrant -	758
Bickett Blvd. Fairview to Greenwood -	250
Cary St. At North to clear R.R. -	44
Cutler St. Cabarrus to Montford -	1,000
Chestnut St. Mordecai to Wake Forest -	350
Cleveland St. Glenwood to Railroad -	550
Cameron Dr. W. Hillsboro to Park Dr.	1,749
Cherokee Dr. Aycock to Bickett -	840
Cuba St. Manly to Gannister -	280
Dare St. Aycock to Bickett -	590
Deveraux St. Glenwood to Railroad -	400
East St. N. Oakwood to Polk -	450
Elm St. " to clear paving -	67
" " " " to clear paving -	70
Franklin St. Beaman Lumber Co. -	130

	Lin. Feet
Filmore St. Washington to Jefferson -	730
Fairview Rd. Glenwood to Bickett -	2,250
Groveland Ave. Oberlin Rd. to Benehan -	260
Glenwood Ave. Jones to North -	730
Gales St. Devie to Cabarrus -	500
Haywood St. Lenoir to Hargett -	1,894
Hargett St. W. Boylan to West -	935
Hinton St. Poplar to Mordecai -	3,000
Harris St. Hillsboro to Hope -	210
Hanover St. Aycock to Bickett -	590
Horne St. Clark to Everett -	762
Jones St. E. Person to Bloodworth -	486
" " " East to Elm -	520
Kinsey St. Boylan to Cabarrus -	880
Lee St. Wilmington to Blount -	445
Lenoir St. E. between Wilmington & Blount -" (On E. side and paralleling 12" main)	82
Montford St. & Lenoir St. to connect with State Prison line -	1,040
Martin St. E. Fayetteville to Wilmington -	287
" " " between Wilmington & Blount -	231
Morgan St. E. Wilmington to Blount -	470
Maiden Lane - Hillsboro to end of Street -	500
Oakwood Ave. Person to Linden -	1,600
" " Watauga to clear paving N. -	25
Perk Ave. Hillsboro to Jackson -	730
Person St. Cabarrus to Harvey -	1,460
Pullen St. Blount to Blake -	264
Polk St. Wilmington to Person -	994
Park Dr. Groveland to Hillcrest -	2,250
Perry St. Fairview to Dare -	940
Sycamore St. Mordecai to Wake Forest Rd. -	390
Tilden St. Glenwood to Railroad -	480
Wilmington St. N. Polk to Peace -	719
West St. N. Edenton to Jones -	460
Washington St. Glenwood to Filmore -	400
White Oak Rd. " " Beechridge -	3,000
<b>Total -</b>	<b>39,054</b>
Johnson St. Gaston to Glenwood -	470
Harrington St. Tucker to North -	460
<b>2-inch Mains - Galvanized Iron:</b>	710
Lessiter Mill Rd. Lake Dr. north -	2,000
Country Club Dr. Glenwood Ave. to Fairview -	1,260
Cowper Dr. Fairview to Glenwood -	2,210
Bleomsbury Circle - End of paving to Glenwood -	1,140
Fairview Rd. Glenwood to Cowper - north side -	2,400
" " " " Reid " south " -	1,470
Pine Dr. Carroll to White Oak -	1,200
Reeves Dr. Whitaker Mill Rd. to Hudson -	500



	Lin. Feet
Georgetown Rd. Sunrise to Blount -	650
Blount St. Alley to Pershing Dr. -	670
" " " " " " " South -	700
Holt Dr. Jarvis to Harvey -	990
Scales St. Whitaker Mill Rd. to Fairview (Byers)	700
Vance St. Glenwood Ave. to Cowder -	200
Burton St. Fairview to Graham -	445
Pershing Dr. Sunrise to Aycock -	700
" " Blount to Gavin -	1,200
Gavin St. Pershing to	1,200
Williamson Dr. Pineview west -	600
Ceswell St. Harvey to Williamson Dr. -	940
White Oak Rd. Hazlewood Dr. north -	1,450
Fourth St. Oberlin Rd. West -	400
Dale St. Jefferson north -	340
Pearce St. Adams to Jefferson -	490
Adams St. Pearce west -	260
Clifton St. Glascock north -	950
Norris St. " " " "	950
Everett St. Oberlin Rd. west -	240
Oberlin:	
A St. Second St. to First St. -	310
Second St. A St. to B St. -	400
B St. Third St. west -	250
Third St. A St. to B St. -	770
Oley St. Methodist Orph. west -	160
Gaston St. Brooklyn north -	150
" " Deveraux to Peace -	400
Belmont St. end of 4" main to Cleveland -	490
Spring St. Cleveland north -	500
Cleveland St. end of 4" main to Spring -	450
Halifax St. Pine St. north -	200
Porter St. Bloodworth to end -	1,240
Elm St. Polk to Porter -	290
Watauga St. Holt to Porter -	290
Fernell Lane - Hillsboro to end (Byers)	250
Johnson St. Gaston to Glenwood -	650
Harrington St. Tucker to North -	410
Johnson St. Dawson west -	450
Dawson St. Johnson to North of Peace -	710
" " " " Firwood -	760
Firwood Ave. Salisbury to Halifax -	250
Grimes Alley - " " " "	250
Harp St. Peace to Franklin -	680
Wilmington St. Franklin north -	300
N. Boundary St. Person to Bloodworth -	420
Peace St. " " " " (Byers)	420
" " " " East to Elm -	460

	Lin. Feet
Face St. East to McGruder -	750
McGruder St. Face to N. Boundary -	360
Swein St. Boundary north -	200
Jackson St. Ashe Ave. to Park (Byers) -	305
" " Park Ave. west -	180
Wakefield Ave. Ashe Ave. to Tryon -	240
Willard Pl. Boylan to Glenwood - (Byers) -	410
Lane St. W. Glenwood East -	220
Lane St. Harrington west -	160
" " Blount to Person -	440
Haywood St. Lane to Edenton -	940
Seawell Ave. Jones to Oakwood -	840
Oakwood Ave. Seawell to Idlewild -	480
" " Heck to State -	360
State St. Oakwood to Edenton -	1,370
E. Lane St. Pettigrew east -	480
" " " " west -	270
Jones St. Tarboro to Maple -	1,850
Pettigrew St. Newbern to Lane -	1,170
Hawkins St. Pettigrew to Hill -	1,050
Hill St. Pender to Tarboro -	540
State St. Hill to Washington -	500
Tryon St. Harrison Ave. west -	300
Hargett St. Snow Ave. west -	400
Martin St. Dawson to McDowell -	470
State St. Davie to Hillsboro -	1,700
Cotton Pl. " " State -	780
Camden St. Cotton Pl. to Davie -	1,200
Freeman St. Hargett to Martin -	420
Spence St. " " " -	400
Rool Rd. Pettigrew east -	1,200
Florence St. Cabarrus to Lenoir -	420
West St. Martin St. south -	160
Green St. Davie to Cabarrus -	440
Wynne St. Lenoir south -	240
Crosby St. " " -	240
Montague Alley - Davie to Lenoir -	900
Camden St. Lenoir to Worth -	620
Branch St. " " " -	620
Cannon Ave. Cannon St. to Saunders -	400
West St. Cannon St. south -	200
Carroll Alley - South to Cannon -	370
Dawson St. " " " -	370
McDowell St. " " " -	330
Worth St. Manly to Fayetteville -	380
Cannister St. Fowle to Pough -	220
Pough - Cannister to Manly -	280
Fowle St. Cannister to Grape -	280
Battle St. " " " -	280
Dodd St. Wilmington west -	280
Wilmington St. Smithfield to Lee -	1,150
Mark St. " " Bragg -	1,350

	Lin. Feet	
to Bledsoe -	400	
to Worth -	440	
to Bloodworth -	1,300	
to East -	205	
to Summit -	205	
to Port -	885	
to West -	300	
to Cuba -	200	
to Fayetteville -	200	
to Walnut -	380	
to Hoke -	250	
to Hoke -	150	
to Hoke -	800	
to East -	400	
to Smithfield -	700	
of 6" main to end of line -	880	
to Raywood -	1,400	
to North -	600	
to Hoke -	230	
to Hill -	800	
	800	
	440	
	<u>Total -</u>	<u>79,745</u>
422,169	79,745	501,914
79,745	12,40	92,145
501,914	92,145	594,059

Recapitulation:

1939

Mains:

Size	Feet	Miles	Per Cent
20-inch C.I.	4,296	.81	.85
16- " "	6,895	1.30	1.37
14- " "	4,577	.87	.92
12- " "	33,771	6.40	6.73
10- " "	2,160	.40	.43
8- " "	55,736	10.56	11.10
6- " "	275,680	52.21	54.93
4- " "	39,054	7.40	7.78
<hr/>			
State Soldiers Home	422,169	79.95	84.11
2- Inch G.I.	79,745	15.10	15.89
<hr/>			
<b>Total</b>	<b>501,914</b>	<b>95.05</b>	<b>100.00</b>
<p>Methodist Orphanage - from entrance to through grounds - Map File 2-3.</p> <p>Catholic Orphanage - from entrance to along front Perry rd. to through grounds.</p> <p>Veradith College - from entrance to along Willabro rd. and through grounds - Map File 2-8.</p> <p>St. Ann's School - from entrance to along Willabro rd. and through grounds.</p> <p>Berry &amp; Holly School - from entrance to along Willabro rd. and through grounds.</p>			

Water Mains supplying State Institutions, Schools,  
Manufacturing Plants etc., connecting with City's  
Distribution System:

	8"	6"	4"
State Hospital - from meter through grounds - Map File B-3.	6275'	6490'	350'
State School for the Blind - From S. Side of Ashe Ave. bridge through grounds - Map File B-1.		3258'	
From Park Ave. Extd. to connection in grounds -		360'	
State Prison - from W. Morgan St. in end through grounds - Map File B-2.	972'	948'	
From Int. Hargett St. & Snow Ave to Lake in grounds -			850'
State College - from two points on Hillsboro St. through grounds - Map File B-4.	2687'	2570'	1873'
State Soldiers Home - from Newbern Ave. on grounds -		500'	276'
St. Mary's School - from Hillsboro St. and College Place, through grounds - Map File B-7.	478'	1162'	
Methodist Orphanage - from Brooklyn St. through grounds - Map File B-5. -		1896'	
Catholic Orphanage - from Western Blvd. along Avent Ferry Rd. to Orphanage -		2768'	
Meredith College - from Faircloth St. along Hillsboro Rd. and through grounds Map File B-8. -	1252'	5948'	
St. Augustine School - from intersection of Tarboro Rd. and Tarboro St. through grounds -		1152'	430'
Berry O'Kelly School - from entrance to Meredith Col., along Hillsboro Rd. to turnout to Method; thence along S. header of pavement to end through Method to School - Map File A-43 -	774'	1839'	



	8"	6"	4"
Raleigh Country Club - from Ridgecrest along Club Drive to Club House -		2160'	
Raleigh Cotton Mills - from 6" main on yard of S.A.L. around mill - Map File B-12. -	95'	1740'	144'
Pilot Cotton Mills - from end of 6" main on lower S.A.L. yard around mill into village - Map File B-13. -		1837'	
Buckeye Cotton Oil Co. two 6" connections on 16" force main, around buildings forming loop - Map File B-10. -		1920'	
Southern Freight Depot - from Davie St. to Hydrants -		350'	
Southern Railway Tank - from 6" main on S. Side of Union Depot shed between West & Harrington Sts., thence on S. side of main line track to Tank -			1080'
Beaman Lumber Company - from 6" main on S.A.L. yard to hydrants on grounds -		200'	280'
Hiner Specialty Company - from 6" main on S.A.L. yard to hydrants on grounds -			330'
Raleigh Iron Wks. from West St. to Hydrant-			100'
Stallings-Davis Tobacco Co. from 6" connection on 16" force main, S. Blount St., to hydrants on grounds -		450'	
Powell & Powell Ice Factory - from Dodd St. on Jenkins to hydrants on grounds -		240'	
Raleigh Bonded Warehouse - from intersection of Minton St. Mordecai Drive to Warehouse -		1200'	
<b>Total-</b>		<b>13,733'</b>	<b>37,788'</b>
			<b>5,713'</b>

Water Mains laid at the expense of Land Development Companies, on public thoroughfares, outside City Limits, connecting with City's Distribution System:

	6"	4"	2"
Ruffin Development- Thos. W. Ruffin - Kenmoor Drive- Lochmoor to Beechridge -	928'		
Lochmoor St. Kenmoor to Hazlewood -	500'		
" " " Beechridge -			480'
Beechridge - Lochmoor to Kenmoor -			1050'
Map File A-47.			
Hazlewood - Raleigh R.E. & T. Co. Hazlewood Dr. White Oak to Woodard Dr.	1500'		
White Oak Rd. Beechridge to Hazlewood		1160'	
Map File A-40.			
Wake Hills - A.C.R. Co. & R.W. Winston, Jr. From Oberlin Rd. running west -	850'		
Map File A-46.			
Hornaday & Faucette: Country Club Dr. Ridgecrest to Byrd -	255'		
Byrd St. C.C. Drive to near White Oak Rd.	1200'		
Dixie Trail Water Line Co. A.L. Fletcher and Others: Dixie Trail - Hillsboro St. to Bedford Ave.	1725'		
Map File A-35.			
Bedford Ave. E. of Dixie Trail -			800'
Wairground Ave. E. of " " "			400'
Blue Moon Ridge - Mrs. Barmettler: On Ruffin Ave. Shepherd to Dixie Trail	296'		
Dixie Trail - Ruffin to Mayview	400'		
On Mayview & Barmettler Sts., Olds Ave. & Dixie Trail -			3068'
Map File A-39.			
Carlton Development Company: From Western Boulevard on Bilyeu and Kirby Sts. to Boulevard, forming loop -			1750'
Barbee Place - Claude Barbee: From McCarthy St. to White Oak Rd.			660'
Beechridge Road - Sundry Parties: From White Oak to within 200 feet of Glenw66d -			1460'

6" 4" 2"

Whitaker Drive - Sundry Parties: From White Oak Rd. West -		1000'
Leesville Road - John Askew & Others: From Fairview Road North -		1000'
R.W. Winston Jr. & Others: On first street S. of Fairview Rd. running W. from Oberlin Rd. to Tennis Court -		800'
Anderson Heights - Dr. Albert Anderson: From end of 2" line on White Oak Rd. to Lake Drive and on said drive to end of line -		3770'
Wayland Heights - John Askew: From Fairview Rd. north through Bud- leigh property -	536'	
Ridgecrest - Hornaday & Faucette: From Fairview Rd. to Country Club Dr. 1200' Map File A-26.		
College Crest - J.S. Wymie & Others: On Hillsboro Rd. Dixie Trail to Con- cord St. -	600'	
From 6" stub at Concord St. W. on Hillsboro Rd. -		1060'
Concord St. Hillsboro Rd. to Stanhope- Rosemary St. " " " "		550'
Stanhope Ave. Concord St. to Hillsboro Road -		480'
		1450'
Spence Property - Neal A. Spence: Elizabeth St. from Hillsboro Rd. to Neal St. -		520'
Neal St. from Elizabeth to Turner - Turner St. from Neal to within 100' of Hillsboro		840'
		400'
Bagwell Ave. - H.B. Bagwell: From Hillsboro Rd. to Fairground St.		980'
South Park - Parker-Hunter Realty Co. From 16" main on Fayetteville Rd. on Hoke to Hill -		980'
		Map File A-34.





Location  
**Gate Valves in Distribution System:**

Location	Kind
<u>20-inch:</u>	
W. P/L Jones & Halifax Sts.	Rensselaer-Spur Geared
E. P/L Jones & Dawson Sts.	" " "
W. P/L Jones & West Sts. Sts.	" " "
E. P/L " " Saunders Sts.	" " "
E. P/L " " Boylan Ave.	" " "
E. of Tower Branch - College Place	" " "
On influent pipe to Tower - Valve House	" Hydraulic
Total 7.	
<u>16-inch:</u>	
Pumping Station off Force Main	" Spur Geared
S. Side Rocky Branch - City Farm	Glamorgan
N. P/L Bragg & Blount at City Limits	"
N. P/L Cabarrus & Blount Sts.	"
Total 4.	
<u>14-inch:</u>	
Pumping Station on Force Main	Rensselaer-Spur Geared
" " By-Pass	" " "
Fayetteville Rd. near S.E. Cor. Mt. Hope Cemetery	"
" " S. Side Rocky Branch	Eddy
Total 4.	
<u>12-inch:</u>	
S. P/L Fayetteville & Worth Sts.	Rensselaer
W. P/L Jones & Halifax Sts. Lenoir Sts.	"
5' N. of Cross Fayetteville & Lenoir Sts.	"
5 1/2' E. " " " " "	"
5 1/2' E. " " " " "	R.D. Wood
N. P/L Fayetteville & Davie Sts.	Eddy
N. P/L Blount & Hargett Sts.	Columbian
W. P/L Morgan & Salisbury Sts.	Eddy
E. P/L Jones & Halifax Sts. Mt. Hope Cemetery	Columbian
S. P/L " " Blount Sts.	Glamorgan
On By-Pass at Tower - College Place	Rensselaer
W. of Tower Branch	"
E. P/L Benehan & Hillcrest Sts.	"
E. P/L " & Groveland Ave.	"
E. P/L Park Dr. & Oberlin Rd.	"
S. P/L St. Mary's & Jones Sts.	"
N. P/L " " Hillsboro Sts.	"
S. P/L " " Lane Sts.	"





Location	Kind
E. P/L Lenoir & Bloodworth Sts.	Rensselaer
E. P/L " " East Sts.	"
W. P/L " " Swain Sts.	"
W. off Cross - Cabarrus & McDowell Sts.	"
E. " " " " " "	"
W. P/L Cabarrus & Fayetteville Sts.	Eddy
E. P/L " " " " " "	Columbian
E. off Cross - Cabarrus & Blount Sts.	Glamorgan
W. " " " " " "	"
E. P/L Hargett & Fayetteville Sts.	Eddy
W. off Cross - Hargett & Blount Sts.	Columbian
E. " " " " " "	"
W. P/L Hargett & Person Sts.	Eddy
W. P/L Morgan St. & Snow Ave.	Rensselaer
W. P/L " " " " Boylen Ave.	"
W. Side " " " R.R. Bridge	"
E. Side " " " " "	"
W. P/L " " & Dawson Sts.	"
W. P/L " " " " McDowell Sts.	"
E. P/L Brooks Ave. & Clark St.	"
W. P/L " " " " " "	"
W. P/L Clark St. & Fairground Lane	"
W. of Meredith College Supply - Hillsboro Rd.	"
E. P/L Hillsboro Rd. & Faircloth St.	"
W. P/L " " " " " Shepherd St.	"
W. P/L " " " " " Woodburn Rds.	Glamorgan
W. P/L " " " " " Park Drive	"
W. of entrance to St. Mary's School-Hillsboro St.	"
E. P/L Hillsboro & St. Mary's Sts.	Rensselaer
N. P/L " " " " " N. Boylan Ave.	Glamorgan
E. P/L " " " " " Saunders St. in Car track	"
W. of Cross - Hillsboro & West Sts.	"
E. P/L Hillsboro & Dawson Sts.	Eddy
W. P/L " " " " " Salisbury Sts.	"
W. of Cross + Newbern Ave. & Blount Sts.	Glamorgan
E. " " " " " " " "	"
W. P/L Newbern Ave. & East St.	"
N. P/L Jones St. & Boylan Ave.	Rensselaer
S. P/L " " " " " " " "	"
N. Side of Jones St. Bet. West & R.R. at Culvert-Blow-off	"
E. P/L North St. & Boylan Ave.	Glamorgan
W. P/L " " " " " West Sts.	"
N. P/L " " " " " Salisbury Sts.	Columbian
E. P/L " " " " " Halifax Sts.	Eddy
W. P/L North & Halifax Sts.	Rensselaer
N. P/L Johnson & Salisbury Sts.	Columbian
S. P/L Franklin & " " " "	"
0 Oberlin Rd. & 1st St. N. P/L	Rensselaer
? N. P/L Oberlin Rd. & 3rd St.	"

Location	Kind
✓ Oberlin Rd. near M.E. Church	Rensselaer
✓ " " " Hydrant #7	"
✓ " " " at Fairground Road	"
✓ N. P/L Fairview Rd. & Stone St.	"
✓ N. P/L " " & Woodland Ave.	"
✓ W. P/L Woodland & Glenwood Ave.	"
✓ S. P/L St. Mary's St. & Fairview Rd.	"
✓ S. P/L " " & Harvey Sts.	"
✓ N. P/L " " St. & Williamson Dr.	"
Total 66.	
<u>6-inch:</u>	
✓ On hydrant branch at Pumping Station	"
✓ " " " to Caraleigh School	"
✓ For Blow-off on 16" Main at Rocky Branch	Glamorgan
✓ On pipe line to City Farm	"
✓ Connection to State Hospital line near Mt.	"
✓ " " " Hope Cemetery	"
✓ " " " line near Mt.	"
✓ " " " Hope Cemetery	"
✓ Blow-off " " " line near Mt.	"
✓ " " " Hope Cemetery	"
N. P/L Bragg St. & Holeman Rd.	Rensselaer
Fayetteville & Lee Sts. On hydrant branch	"
E. P/L Fayetteville at Lee Sts.	"
E. on Cross - Blount & Lee Sts.	Glamorgan
W. " " " " " "	"
On Hydrant branch - Blount & Lee Sts.	"
N. P/L Lee & Person Sts.	Rensselaer
N. P/L " " Bloodworth Sts.	"
E. on Cross - Blount & Bledsoe Sts.	Glamorgan
W. " " " " " "	"
On Hydrant branch - Fayetteville & McKee Sts.	"
E. P/L Cannister & Fowle Sts.	Rensselaer
S. P/L Manly & McKee Sts.	"
W. off 12" main - Fayetteville & McKee Sts.	Smith
E. C/L Fayetteville & Hunter Sts.	Eddy
S. P/L Jenkins & Hunter Sts.	Rensselaer
E. P/L Smithfield & Blount Sts.	Glamorgan
W. on Cross - Smithfield & Blount Sts.	"
N. P/L Smithfield & Person Sts.	Rensselaer
W. P/L " " Bloodworth Sts.	Glamorgan
N. C/L " " " " " "	Rensselaer
S. P/L Boylan Dr. & Cabarrus Sts.	"
W. P/L " " & Boylan Ave.	"
E. P/L " " " " " "	"
E. P/L Cannon & West Sts.	Columbian
S. P/L " " Cannister Sts.	Rensselaer

Location	Kind
On Hydrant branch - Fayetteville & Worth Sts.	Glamorgan
" " " " Blount & Worth Sts.	"
E. P/L Worth & Bloodworth Sts.	Rensselaer
E. P/L " " Haywood Sts.	"
S. P/L " " East Sts.	"
S. P/L South & Cabarrus Sts.	"
E. P/L South & Stokes Sts.	"
S. P/L " " " " " "	"
W. P/L " " Cutler Sts.	"
N. P/L " " " " " "	Glamorgan
S. P/L " " Boylan Ave.	Rensselaer
S. P/L " " Florence Sts.	"
S. P/L " " Saunders Sts.	"
S. P/L " " West Sts.	Glamorgan
E. P/L " " Harrington Sts.	Columbian
W. P/L " " " " " "	"
W. P/L " " Manly Sts.	Rensselaer
N. P/L " " Salisbury Sts.	Columbian
W. P/L " " Fayetteville Sts.	Eddy
E. P/L " " " " " "	Glamorgan
N. P/L " " Wilmington Sts.	"
E. on Cross South & Blount Sts.	"
W. " " " " " " " "	Columbian
N. P/L South & Person Sts.	Rensselaer
S. P/L " " " " " "	"
E. P/L " " " " " "	"
E. P/L " " Bloodworth Sts.	"
W. P/L " " " " " "	"
S. P/L " " East Sts.	Columbian
N. P/L Lenoir & Cabarrus Sts.	"
W. P/L " " Cutler Sts.	Rensselaer
N. P/L " " " " " "	"
W. P/L " " Boylan Ave.	Columbian
E. P/L " " Fayetteville Sts.	Eddy
W. P/L " " Saunders Sts.	"
68' N. of Cross - Lenoir & Harrington Sts.	"
68' S. " " " " " "	"
N. P/L Lenoir & Dawson Sts.	Rensselaer
S. P/L " " McDowell Sts.	Columbian
N. off Cross - Lenoir & Salisbury Sts.	"
S. " " " " " " " "	Glamorgan
On Hydrant branch - Lenoir & Fayetteville Sts.	Glamorgan
E. P/L Lenoir & Wilmington Sts.	"
N. off Cross - Lenoir & Wilmington Sts.	Rensselaer
S. " " " " " " " "	"
E. on Cross - Lenoir & Blount Sts.	Glamorgan
W. " " " " " " " "	"
5' S. of Cross - " " Person "	Rensselaer
5' N. " " " " Bloodworth Sts.	"
S. P/L Lenoir & East Sts.	"



	Location	Kind
N. P/L	Lenoir & Swain Sts.	Rensselaer
S. P/L	" " Haywood Sts.	"
S. P/L	" " " "	"
✓ E. P/L	Cabarrus & South Sts.	"
✓ W. P/L	" " Lenoir Sts.	"
✓ E. P/L	" " Cutler Sts.	"
W. P/L	" " Boylen Ave.	"
E. P/L	" " " "	"
✓ S. P/L	" " Florence Sts.	"
E. P/L	" " West Sts.	Eddy (I. Close)
S. P/L	" " " "	Rensselaer
S. P/L	" " Harrington Sts.	Eddy
N. P/L	" " Dawson Sts.	Glamorgan
S. E. Hyd. branch	- Cabarrus & McDowell Sts.	Rensselaer
N. P/L	Cabarrus & Salisbury Sts.	Columbian
S. P/L	" " " "	Glamorgan
N. P/L	" " Wilmington "	"
S. P/L	" " " "	"
E. P/L	" " Blount "	Rensselaer
N. P/L	of Cross " Bloodworth "	Columbian
S. P/L	branch " East Sts.	Glamorgan
N. P/L	" " " "	"
E. P/L	" " " "	Columbian
W. P/L	" " Swain Sts.	Glamorgan
S. P/L	" " " "	Rensselaer
W. P/L	McCullock & Cutler Sts.	"
N. P/L	Davis & Harrington Sts.	"
N. P/L	" " Commerce Sts.	"
E. P/L	" " Dawson Sts.	Columbian
E. P/L	" " McDowell Sts.	"
4' W. of Cross	- Davis & McDowell Sts.	Rensselaer
S. W. Hyd. branch	" " " "	"
N. P/L	Davis & Salisbury Sts.	Columbian
W. P/L	" " Fayetteville Sts.	Eddy
E. P/L	" " " "	Rensselaer
S. W. Hyd. branch	- Davis & Fayetteville Sts.	Smithson
N. P/L	Davis & Wilmington Sts.	Eddy
S. P/L	" " " "	Rensselaer
E. off Cross	- Davis & Blount Sts.	Columbian
W. " "	" " Fayetteville Sts.	"
S. E. Hyd. branch	- Davis & Blount Sts.	Glamorgan
W. P/L	Davis & East Sts.	Eddy
N. P/L	" " " "	"
S. P/L	" " Watson Sts.	Vincent
N. P/L	" " Swain Sts.	Rensselaer
E. P/L	" " " "	"
S. P/L	" " " "	Rensselaer
E. P/L	" " Haywood Sts.	"
✓ W. P/L	" " Freeman Sts.	"
E. P/L	" " " "	"



Location	Kind
W.E. P/L Hargett & East Sts.	Rensselaer
S. P/L Davie & Tarboro Sts.	Glamorgan
S. P/L Boylan Ave. & Montford	" "
Boylan Ave. S. of R.R. Bridge	" "
" " N. " " " "	" "
Martin & West Sts. Blow-off 18' S. of main in line of curb	Eddy
S. P/L Martin & Commerce Sts.	Rensselaer
W. P/L " " Dawson Sts.	" "
S. P/L " " " " " "	" "
E. P/L " " McDowell Sts.	Eddy
S.E. Hyd. branch - Martin & McDowell Sts.	Rensselaer
N. P/L Martin & Salisbury Sts.	Columbian
W. off main - Martin & Fayetteville Sts.	Smith
S.W. Hyd. branch " " " " " "	Glamorgan
E. P/L Martin & Fayetteville Sts.	Eddy
E. P/L " " Wilmington " "	Rensselaer
W. P/L " " " " " "	" "
W. P/L " " Blount Sts.	Glamorgan
E. P/L " " " " " "	" "
6'10" E. of Cross - Martin & Blount Sts.	Columbian
N.E. Hyd. branch " " " " " "	Glamorgan
S.E. " " " " " "	" "
W. P/L Martin & East Sts.	" "
E. P/L " " " " " "	" "
S. P/L " " Swain " "	" "
S. P/L " " Haywood Sts.	" "
W. P/L " " Camden " "	" "
S. P/L " " Fresman " "	" "
W. P/L " " Tarboro " "	Columbian
E. P/L " " " " " "	Glamorgan
W. P/L Hargett & Boylan Ave.	Rensselaer
S. P/L " " West Sts.	Eddy
E. P/L " " " " " "	Columbian
N. P/L " " Harrington Sts.	Glamorgan
S. P/L " " " " " "	Rensselaer
S. P/L " " Dawson Sts.	Glamorgan
W. P/L " " McDowell Sts.	Columbian
E. P/L " " " " " "	" "
S.E. Hyd. branch - Hargett & McDowell Sts.	Rensselaer
W. P/L Hargett & Fayetteville Sts.	Eddy
N. P/L " " Wilmington Sts.	" "
S. P/L " " extension " " of Blind Man. supply	" "
W. P/L Exchange & " " " " Harrison av.	Glamorgan
N. P/L Hargett & Blount Sts.	Eddy
S.E. Hyd. branch - Hargett & Blount Sts.	Columbian
N. P/L Hargett & Person Sts.	Eddy
N. P/L " " Bloodworth Sts.	Rensselaer
S. P/L " " " " " "	" "
N. P/L " " East Sts.	" "
S. P/L " " " " " "	Eddy

Location	Kind
E. P/L Hargett & East Sts.	Rensselaer
N. P/L " " Swain Sts.	Glamorgan
S. P/L " " " "	"
E. P/L " " " "	Columbian
W. P/L " " Tarboro Sts.	"
N. P/L Morgan & Harrison Ave.	Rensselaer
N. P/L " " Snow Ave.	"
S. P/L " " " "	Glamorgan
S. P/L " " Boylan Ave.	Rensselaer
S. P/L " " Dawson Sts.	Glamorgan
S.E. Hyd. branch - Morgan & McDowell Sts.	"
S. off Main - Morgan & Salisbury Sts.	Smith
N.W. Hyd. branch - " " " "	Glamorgan
S. P/L Morgan & Wilmington Sts.	Eddy
4 <sup>1</sup> / <sub>2</sub> E. off Cross - Morgan & Blount Sts.	Columbian
4 <sup>1</sup> / <sub>2</sub> W. " " " " " "	"
N.E. Hyd. branch - " " " "	"
S.E. " " " " " "	"
E. P/L Morgan & Person Sts.	"
W. P/L " " East Sts.	Rensselaer
Hillsboro Rd. On Meredith College Line -	"
✓ N. P/L Hillsboro & Faircloth Sts.	"
✓ N. P/L " " Shepherd " "	Glamorgan
✓ N. P/L " " Dixie Trail	Columbian
✓ W. P/L " " " " " "	"
Hillsboro Rd. at W. end of 12" main	"
" " & Fairground Lane - On Hyd. br.	"
E. P/L " " " " " "	"
N. P/L " " Chamberlain St.	"
Hillsboro St. main line near Textile Bldg.	"
N. P/L Hillsboro & Enterprise Sts.	"
N. off main " " Oberlin Rd.	Smith
N. " " " " Woodburn Rd.	"
S. P/L " " Cox Ave.	Rensselaer
N. off main " " Hawthorn Rd.	Smith
N. " " " " Forest Rd.	"
N. " " " " Hillcrest Sts.	"
E. " " " " Park Dr. East	"
S. " " " " Ashe Ave.	"
S. P/L Ashe & Park Aves.	Rensselaer
E. P/L " " " " " "	"
Off Tee at main - Park & Cox Aves.	"
Park Ave. extension S. of Blind Sch. supply	"
S. off main - Hillsboro St. & Harrison Ave.	Smith
S. P/L Hillsboro St. & Snow Ave.	Rensselaer
Hydrant branch - Hillsboro & St. Mary's Sts.	"
S. C/L Hillsboro & Boylan Ave.	Glamorgan
N. P/L " " Glenwood Ave.	Eddy
N. C/L " " West Sts.	Rensselaer
S. P/L " " " " " "	"
N. P/L " " Harrington Sts.	Eddy

Location	Kind
S. P/L Hillsboro & Harrington Sts.	Glamorgan
N. P/L " " Dawson " "	Columbian
S. P/L " " " " " "	Eddy
S. P/L Newbern Ave. & Wilmington St.	Glamorgan
S.E. Hyd. branch - Newbern Ave. & Blount St.	Columbian
N. P/L Newbern Ave. & Person St.	Eddy
S. P/L " " " " " "	Columbian
N. P/L " " " Bloodworth St.	Glamorgan
S. P/L " " " " " "	Rensselaer
N. P/L " " " East St.	Glamorgan
S. P/L " " " " " "	Columbian
W. P/L " " " Swain St.	Glamorgan
N. P/L " " " Seawell Ave.	Rensselaer
W. P/L " " " Idlewild Ave.	Glamorgan
N. P/L " " " " " "	"
N. P/L " " " Tarboro St.	"
S. P/L " " " " " "	Columbian
E. P/L Edenton & West Sts.	Rensselaer
W. P/L " " Dawson Sts.	"
W. P/L " " McDowell Sts.	"
E. P/L " " " " " "	"
W. P/L " " Salisbury Sts.	Eddy
N. C/L " " " " " "	Glamorgan
E. off Tee - Edenton & Blount Sts.	Columbian
S.E. Hyd. branch - " " " " " "	"
E. P/L Edenton & Person Sts.	Glamorgan
E. P/L " " Bloodworth Sts.	"
E. P/L " " East Sts.	"
W. P/L " " Idlewild Ave.	"
E. P/L " " " " " "	"
? Halifax St. Bet. Edenton & Jones to alley in rear Y.M.C.A.	Rensselaer
S.E. Hyd. branch - Jones & St. Mary's Sts.	"
S. P/L Jones & Glenwood Ave.	"
N. P/L " " West Sts.	Columbian
S. off Cross - Jones & West Sts.	Rensselaer
N. P/L Jones & Harrington Sts.	"
S. P/L " " " " " "	"
N. P/L " " Dawson Sts.	Columbian
S. P/L " " " " " "	Rensselaer
N. P/L " " McDowell Sts.	"
10' N. of Cross - Jones & Salisbury Sts.	"
10' S. " " " " " "	"
N. P/L Jones & Wilmington Sts.	Glamorgan
S. P/L " " " " " "	Rensselaer
N.E. Hyd. branch Jones & Wilmington Sts.	Columbian
N. on 6" main - Jones & Blount Sts.	"
S. " " " " " " " "	"
N.W. Hyd. branch " " " " " "	"
S. P/L Jones & Person Sts.	Glamorgan

	Location	Kind
N.	P/L Jones & Bloodworth Sts.	Glemorgan
S.	P/L " " " " " "	"
S.	P/L " " " East Sts.	Eddy
N.	P/L " " " " " "	Rensselaer
N.	P/L " " " Linden Ave.	"
✓ E.	P/L " " " Seawell Ave.	"
S.	P/L " " " " " "	"
W.	P/L " " " Idlewild Ave.	Columbian
5'	E. of Tee - Chamberlain & Harris Sts.	Rensselaer
✓ S.	P/L Chamberlain & Fairground Lane	"
E.	P/L Harris & Hope Sts.	"
✓ W.	P/L Oberlin Rd. & 3rd St.	"
✓ E.	P/L Park Dr. & Groveland Ave.	"
S.	P/L " " " Oberlin Rd.	"
S.	P/L " " " Woodburn Rd.	Glemorgan
S.	P/L " " " Hawthorn Rd.	"
S.	P/L " " " Hillcrest St.	"
✓ S.	P/L " " " Cameron Dr. E.	"
✓ W.	P/L " " " " " "	"
W.	P/L " " " St. Mary's St. 1st St.	Rensselaer
✓ P.L.	P/L Cameron Dr. E. & Calvin St.	"
✓ N.	P/L Ridgecrest & " " "	"
9'	N. off Cross - Benehan & Woodburn Rds.	"
8'	S. " " " " " "	"
9'	N. " " " Boylan Ave. Hawthorn "	"
9'	S. " " " " " "	"
5'	N. " " " " Forest "	"
5'	S. " " " " " "	"
9'	N. " " " " Hillcrest "	"
9'	S. " " " " " "	"
✓	Park Way Bet. W. Cameron Dr. Blow-off	"
4'5"	N. off Cross - Cameron Dr. E. & College Pl.	"
4'5"	S. " " " " " "	"
N.	P/L College Place & Ridgecrest St.	"
N.	Side College Place & Water Tower Lot	"
✓ W.	P/L " " " Ridgecrest St. <i>College Rd</i>	"
E.	P/L Lane & St. Mary's Sts.	"
E.	P/L " " Boylan Ave.	"
W.	P/L " " Glenwood Ave.	"
S.	P/L " " Salisbury Sts.	Eddy
W.	P/L " " Dawson Sts.	Rensselaer
W.	P/L " " Halifax Sts.	"
E.	P/L " " " " "	"
N. E.	Hyd. branch - Lane & Halifax Sts.	"
E.	P/L Lane & Wilmington Sts.	"
W.	P/L " " Blount Sts.	"
E.	P/L " " Person Sts.	Columbian
S.	P/L " " " " "	Eddy
N.	P/L " " " East Sts.	Rensselaer
S.	P/L " " " " "	"
N.	P/L " " " Elm " "	"



Location

Kind

	Location	Kind
S. P/L	Lane & Elm Sts.	Rensselaer
E. P/L	" " Linden Ave.	Glamorgan
N. P/L	" " " "	Rensselaer
S. P/L	" " " "	"
E. P/L	" " Idlewild Ave.	"
S. P/L	" " " "	Glamorgan
W. P/L	" " Tarboro Sts.	Rensselaer
E. P/L	North & St. Mary's Sts.	"
W. P/L	" " Boylen Ave.	Glamorgan
N. P/L	" " Glenwood Ave.	"
S. P/L	" " West Sts.	Columbian
S. P/L	" " Harrington Sts.	Eddy
S. P/L	" " McDowell Sts.	"
N.E. Hyd. branch	North & Halifax Sts.	Rensselaer
N. P/L	North & Wilmington Sts.	Columbian
S. P/L	" " " "	Glamorgan
N. P/L	" " Blount Sts.	Eddy
S. P/L	" " " "	"
E. Side Hyd. Br.	Grimes Al. & Halifax St.	Rensselaer
N. P/L	Oakwood Ave. & Bloodworth St.	"
S. P/L	" " " "	Columbian
S. P/L	" " " East St.	Glamorgan
E. P/L	Tucker & St. Mary's Sts.	Rensselaer
W. P/L	" " Boylen Ave.	"
E. P/L	" " " "	Glamorgan
N. P/L	" " " "	Rensselaer
N. P/L	Polk & Person Sts.	Glamorgan
S. P/L	" " " "	Eddy
N. P/L	" " Bloodworth Sts.	Glamorgan
S. P/L	" " " "	Rensselaer
N. P/L	" " East Sts.	Glamorgan
W. P/L	" " Elm Sts.	"
W. P/L	Johnson & Salisbury Sts.	Columbian
N. P/L	Polk & Elm Sts.	Rensselaer
S. P/L	" " " "	"
W. P/L	Johnson & Halifax Sts.	"
E. P/L	" " " "	"
N.E. Hyd. Br.	" " " "	"
W. P/L	" " Wilmington Sts.	"
S. P/L	Peace & Gaston Sts.	"
W. P/L	" " Boylen Ave.	Glamorgan
E. P/L	" " " "	Rensselaer
S. P/L	" " Glenwood Ave.	Glamorgan
E. P/L	" " " "	Columbian
N. P/L	" " " "	Glamorgan
W. P/L	" " Halifax Sts.	Eddy
E. P/L	" " " "	Glamorgan
S.E. Hyd. Br.	Peace & Halifax Sts.	Rensselaer
W. P/L	Peace & Blount Sts.	Glamorgan
N. P/L	" " " "	"
R. P/L	" " " "	"

**Commercial Printing Co.**

Printing Ruling Binding  
 BLANK BOOK MANUFACTURERS  
 BRIEFS AND RECORDS  
 South Salisbury Street RALEIGH, N. C.  
 PHONES: 3950-3951

*Mr. R. A. Fowler PH-1540*  
*Frontage — 124'*  
*Charge — 188.00*  
*Mr. R. C. Russell Trans*  
*Dixie Trail Water Co.*  
*2" Line*

Location

Kind

Location	Kind
Bloodworth Sts.	Rensselaer
East Sts.	"
Elm "	"
lan Ave.	Columbian
"	Glamorgan
inwood Ave.	"
Willsforest St.	Rensselaer
" " "	Glamorgan
" Adams St.	Rensselaer
" Jefferson St.	Glamorgan
" " "	Rensselaer
erson Sts.	"
" Ave.	"
sbury Sts.	Columbian
Sts.	Rensselaer
Sts.	"
lsbury Sts.	Glamorgan
fax Sts.	Columbian
" " " "	Rensselaer
" " " "	"
int Sts.	Columbian
Sts.	Glamorgan
" " "	Rensselaer
on Sts.	Columbian
" "	Glamorgan
dworth Sts.	Rensselaer
" " "	"
" " "	Glamorgan
Sts.	Columbian
Sts.	Rensselaer
uge Sts.	"
th Sts.	"
Sts.	"
Sts.	"
ax & Pine Sts.	"
p & Pine Sts.	"
ts.	"
ts.	"
rest Rd.	Glamorgan
S. P/L Person & Walnut Sts.	Rensselaer
E. P/L Glascock & Wake Forest Rd.	Glamorgan
N. P/L " " Watauga Sts.	Rensselaer
E. P/L " " " " " "	"
W. P/L Poplar & Hinton Sts.	"
S. P/L Mordecai & " " " "	"
✓ B. P/L Poplar & Person Sts.	"
✓ N. P/L " " Wake Forest Rd.	"
✓ W. P/L " " " " " "	"
✓ E. P/L Hinton & Chestnut Sts.	"
✓ S. P/L Chestnut St. & Mordecai Dr.	"

	Location	Kind
E.	P/L N. Boundary & Bloodworth Sts.	Rensselaer
E.	P/L " " " East Sts.	"
E.	P/L " " " Elm " "	"
W.	P/L Devereaux & Boylan Ave.	Columbian
S.	P/L " " " " "	Glamorgan
W.	P/L " " Glenwood Ave.	"
S.	P/L Boylan Ave. & Willsforest St.	Rensselaer
N.	P/L Glenwood Ave. & " " "	Glamorgan
E.	P/L " " " Adams St.	Rensselaer
S.	P/L " " " Jefferson St.	Glamorgan
E.	P/L " " " " " "	Rensselaer
N.	P/L Filmore & Jefferson Sts.	"
E.	P/L Cole & Glenwood Ave.	"
W.	P/L Firwood & Salisbury Sts.	Columbian
W.	P/L Pace & Blount Sts.	Rensselaer
E.	P/L " " Person Sts.	"
W.	P/L Franklin & Salisbury Sts.	Glamorgan
W.	P/L " " Halifax Sts.	Columbian
E.	P/L " " " " " St.	Rensselaer
S.E.	Hyd. Br. " " " " "	"
W.	P/L Franklin & Blount Sts.	Columbian
E.	P/L " " " " " "	Glamorgan
N.	P/L " " " " " "	Rensselaer
N.	P/L " " " Person Sts.	Columbian
S.	P/L " " " " " "	Glamorgan
N.	P/L " " " Bloodworth Sts.	Rensselaer
S.	P/L " " " " " "	"
E.	P/L " " " " " "	Glamorgan
S.	P/L " " " East Sts.	Columbian
N.	P/L " " " Elm Sts.	Rensselaer
N.	P/L " " " Watauga Sts.	"
E.	P/L Holt & Bloodworth Sts.	"
E.	P/L " " Elm Sts.	"
E.	P/L " " Watauga Sts.	"
W.	Side Hyd. Br. Halifax & Pine Sts.	"
S.5'	N. of Cross - Harp & Pine Sts.	"
N.	P/L Pine & Blount Sts.	"
W.	P/L " " Person Sts.	"
E.	P/L Porter & Wake Forest Rd.	Glamorgan
S.	P/L Person & Walnut Sts.	Rensselaer
E.	P/L Glascock & Wake Forest Rd.	Glamorgan
N.	P/L " " Watauga Sts.	Rensselaer
E.	P/L " " " " " " "	"
W.	P/L Poplar & Hinton Sts.	"
S.	P/L Mordecai & " " "	"
S.	P/L Poplar & Person Sts.	"
N.	P/L " " Wake Forest Rd.	"
W.	P/L " " " " " "	"
E.	P/L Hinton & Chestnut Sts.	"
S.	P/L Chestnut St. & Mordecai Dr.	"

Location

Kind

Location	Kind
W. P/L Sycamore & Mordecai Dr.	Rensselaer
N. P/L " " " " " "	"
N. P/L " " " Wake Forest Rd.	"
W. P/L Hinton " " " " " "	"
W. P/L Williamson Dr. & St. Mary's St.	"
E. P/L " " " " " "	"
H. P/L " " " Iredell Dr.	"
W. P/L " " " Carr St.	"
N. P/L " " " " " "	"
E. P/L " " " " " "	"
S. P/L Carr " " " Glenwood Ave.	"
W. P/L " " " " " "	"
R. P/L Glenwood Ave. & Aycock St.	"
S. P/L Nash Dr. & Aycock St.	"
W. P/L " " " Scales St.	"
S. P/L Aycock & Scales Sts.	"
W. P/L Jarvis & St. Mary's Sts.	"
E. P/L " " " " " "	"
E. P/L Iredell Dr. & St. Mary's St.	"
S. P/L " " " Jarvis St.	"
E. P/L " " " " " "	"
N.E. P/L " " " Cowper Dr.	"
E. P/L Craig & St. Mary's Sts.	"
E. P/L Harvey & " " " " " "	"
W. P/L " " " Jarvis Sts.	"
S. P/L " " " " " Ave.	"
E. P/L " " " " " Sts.	"
245' R. of E. P/L Harvey & Jarvis Sts.	"
5' S. of Tee - Harvey & Carr Sts.	"
W. P/L Harvey & Glenwood Ave.	"
E. P/L Graham & " " Ave.	"
W. P/L " " " Aycock Sts.	"
H. P/L Stone & St. Mary's Sts.	"
W. P/L Vence & Jarvis Sts.	"
W. P/L " " " Glenn Ave.	"
N. P/L Fairview & Ridgecrest St.	"
S. P/L " " " Stone St.	"
H. P/L " " " " " "	"
S. P/L " " " Reid St.	"
N. P/L " " " Myrtle Ave.	"
N. P/L " " " Glenwood Ave.	"
S. P/L " " " Glenn Ave.	"
S. P/L " " " Glenwood Ave.	"
N.E. P/L Glenwood Ave. & Whitaker Mill Rd.	"
S. P/L Fairview Rd. & Scales St.	"
N.E. P/L " " " Duncan St.	"
5' N. of Cross - Fairview Rd. & Aycock St.	"
S. P/L Fairview Rd. & Aycock St.	"
N. P/L Fairview Rd. & Cherokee Dr.	"
S.E. P/L 52' from head wall - Aycock & Greenwood	"
E. P/L 27' from manhole - Aycock & Bickett Bl.	"
S.E. P/L Aycock & Bickett Bl.	"



Location	Kind
✓ S.E. P/L Aycock & Sunrise Ave.	Rensselaer
✓ N.W. P/L " " " "	"
✓ 9.8' S. of Cross Duncan & Bickett Blvd.	"
✓ S.W. P/L 8' from manhole- Duncan & Bickett	"
✓ R.W. P/L Sunset & Whitaker Mill Rd.	"
✓ S.E. P/L " " " " " "	"
✓ N. P/L Duncan & Wills Ave.	"
✓ S. P/L Wills Ave. & Whitaker Mill Rd.	"
✓ R.W. P/L McCarthy & " " "	"
✓ N. P/L Carroll Dr. " " "	"
✓ S.E. P/L Bickett Blvd. & " " "	"
✓ W. P/L " " " " " "	"
✓ S.E. P/L Sunrise Ave. & Bickett Blvd.	"
✓ N.E. P/L Hudson & McCarthy Sts.	"
✓ E. P/L White Oak & McCarthy Sts.	"
✓ E. Side 3' off Tee - Glenwood & Alexander Rd.	"
✓ W. P/L Glenwood & Myrtle Aves.	"
✓ N. P/L Myrtle Ave. & Creston Rd.	"
✓ S. P/L Glenwood Ave. & The Circle	"
✓ 3' E. of main - Glenwood Ave. & The Circle	"
✓ S.E. P/L Woodland Ave. & Creston Rd.	"
✓ S. P/L " " " " Glenwood Ave.	"
✓ N. P/L Country Club Dr. & Ridgecrest Rd.	"
✓ W. P/L " " " " Highland Rd.	"
✓ N. P/L Shepherd & Bedford Ave.	"
✓ S. P/L " " Ruffin Sts.	"
✓ W. P/L " " Clark Ave.	"
✓ E. P/L Montgomery & Clark Ave.	"
✓ N. P/L Faircloth & " " "	"
✓ E. P/L Ruffin & Clark Ave.	"
✓ W. P/L " " Furches St.	"
✓ N. P/L Hillsboro & Faircloth St.	"
Off 12" Tee - Horne & Alley -	"
✓ W. P/L Horne & Vanderbilt -	"
✓ W. P/L " " Pough Sts.	"
✓ W. P/L " " Gardner Sts.	"
✓ E. P/L " " Brooks Ave.	"
✓ N. P/L Clark Ave. & Horn St.	"
✓ S. P/L " " " " " "	"
✓ N. P/L " " " " Pogue St.	"
✓ M. P/L " " " " Gardner St.	"
✓ W. P/L Everett & Chamberlain Sts.	"
✓ S. P/L " " " " Horne Sts.	"
✓ E. P/L " " " " Pogue Sts. E. P/L	"
✓ W. P/L " " " " Gardner Sts.	"
✓ N. P/L " " " " Daughteridge Sts.	"
✓ E. P/L " " " " Brooks Ave.	"
✓ W. P/L Bedford Ave. & Daughteridge St.	"
✓ W. P/L Brown & " " " "	"
✓ S. P/L " " " " " "	"
✓ E. P/L " " " " " "	"

Location	Kind
✓ E. P/L Martin & Wilmington Sts.	Eddy
✓ W. P/L Brown & Chamberlain Sts.	Rensselaer
✓ N. P/L White Oak & Hazlewood Dr.	"
✓ N. P/L Hazlewood Dr. & Anderson Dr.	"
✓ Fairview Rd. & Oberlin Rd. off 8" main -	"
✓ Wake Hills & ...	"
✓ S. P/L Country Club Dr. & Hidgecrest	"
Total 543.	
<u>4-inch:</u>	
✓ E. P/L Jones & East Sts.	Glamorgan
✓ Park Dr. N. of Forest Road	"
✓ S. P/L Park Dr. & Cameron Dr. W.	Glamorgan
S. P/L North & Saunders Sts.	"
E. P/L Oakwood Ave. & Person St.	"
S. P/L " " " East St.	"
E. P/L Polk & Wilmington Sts.	"
W. P/L " " Blount Sts.	"
E. P/L " " " "	"
W. P/L " " Person " "	"
S. P/L " " East Sts.	"
S. P/L Peace & Wilmington Sts.	"
E. P/L Glenwood & Deveraux St.	"
E. P/L " " Tilden St.	"
E. P/L " " Cleveland St.	"
Cleveland St. at R.R. Hydrant branch	"
✓ W. P/L Cuba & Manly Sts.	Rensselaer
N. P/L Gales & Cabarrus Sts.	"
S. P/L " " Davie "	"
Lenoir & Haywood N. of Cross	"
✓ S. P/L Snow Ave. & Hargett St.	"
✓ E. P/L Perry St. & Fairview Rd.	"
Benehan & W. Park Dr. 6' N. of Cross	"
" " " " 6' S. " "	"
✓ S. P/L Benehan & Groveland Ave.	"
✓ W. P/L Sycamore St. & Wake Forest Rd.	"
✓ W. P/L Chestnut " " " "	"
Blow-off to 14" main at City Limits	"
N. P/L Cabarrus & Kinsey Sts.	"
N. C/L " " Blount "	"
S. P/L Davie " " "	"
N. P/L " " Blake Sts.	"
E. P/L " " Person Sts.	"
S. P/L " " " "	"
Cutler St. South of Montford	"
Montford East of Bridge Ave.	"
H. P/L " & Lenoir Sts.	"
Boylan Ave. E. of Tee	"
Martin & Wilmington Sts. W. of Tee	"

Location	Kind
E. P/L Martin & Wilmington Sts.	Eady Ins
E. P/L Pullen & Blount Sts.	Glamorgan
S. P/L Martin & Blake Sts.	"
S. P/L " " Person Sts.	"
N. P/L " " Haywood Sts.	"
Hargett & West Sts.	Smith
S. P/L Hargett & Person Sts.	Glamorgan
N. P/L Horne & Stafford Sts.	Rensselaer
S. P/L " " " "	"
Morgan & Blount Sts, W. on 4" main	Eady Ins
Hillsboro St. Blow-off near Eng'r Bldg. (Cov. up)	Glamorgan
" " & Maiden Lane N. P/L	"
" " " Hillcrest N. of main	Smith
" " " Park Ave. S.	Glamorgan
" " " Cameron Dr. N.W. of main	Smith
W. P/L Jones & West Sts.	Glamorgan
S. P/L " " " "	Eady
N. P/L " " Glenwood Ave.	Rensselaer
N. P/L Hinton & Chestnut Sts.	"
Hinton St. W. of Mordecai Dr.	"
N. P/L White Oak & Beechridge Rds.	"
Glenwood Ave. Blow-off near Washington St.	Glamorgan
E. P/L Glenwood Ave. & Washington St.	"
N. P/L Washington & Filmore Sts.	"
Franklin St. at Beaman Lumber Co.	"
S. P/L Glenwood Ave. & Fairview Rd.	"

Total 65.

Valves Smaller than 4":

2-inch:

S. of Tee Smithfield & Wilmington Sts.	Jenkins
S. P/L " " " Person Sts.	Crane
W. P/L Cannon & West Sts.	Jenkins
E. P/L " " Cannister Sts.	Crane
N. P/L South & McDowell Sts.	"
S. P/L Cabarrus & Saunders Sts.	Jenkins
E. P/L Martin & Dawson Sts.	Glamorgan
W. P/L " " McDowell Sts.	"
N. P/L Hargett & State Sts.	Jenkins
N. P/L " " Camden Sts.	Glamorgan
W. P/L Edenton & Blount Sts.	"
N. P/L Jones & McDowell Sts.	"
N. P/L " " Seawell Ave.	Crane
Park Dr. N. of Forest Rd. Blow-off	"
W. P/L Lane St. & Boylan Ave.	"
W. of Cross - Lane & McDowell Sts.	Glamorgan
S. P/L " " " "	Crane

Location	Kind
W. P/L Lane & Person Sts.	Jenkins
E. P/L " " Blount Sts.	"
N. P/L North & Cary Sts.	"
Tucker & Cary Sts. N. of Cross	"
" " " " " " " "	"
N. P/L Polk & Swain Sts.	"
Johnson & Dawson Sts. N. of Tee	Glamorgan
" " " " " " " "	"
S. P/L Peace & West Sts.	Crane
E. P/L " " East " "	Jenkins
E. P/L Gaston & High Sts.	Glamorgan
W. P/L Boylan Ave. & High St.	"
Gaston & Devereux Sts. S. of Tee	"
Cleveland St. at R.R. E. off Hyd. branch	"
S. P/L Cleveland & Belmont Sts.	"
N. P/L Franklin & Alley bet. Blount & Harp Sts.	"
E. P/L Person & N. Boundary Sts.	"
W. P/L Boundary & Bloodworth Sts.	Crane
Wake Forest Rd. N. of Hyd. near Norris Home	Glamorgan
J. P/L Pace & Blount Sts.	Crane
E. P/L " " Person " "	"
E. P/L " " East " "	Jenkins
W. P/L Haywood Alley & Haywood St.	"
N. P/L " & Edenton Sts.	"
S. P/L " " Jones Sts.	"
E. P/L East & Mullens Lane	"
N. P/L Elm & Holt Sts.	"
N.E. P/L Graham & Scales Sts.	"
Jefferson & Pearce Sts. Off Hyd. br. Tee	"
E. P/L Filmore & Adams Sts.	"
N. P/L Railroad & Johnson Sts.	"
S. P/L " " Peace " "	"
Lane & Seawell Ave. intersection N.	"
" " " " " " S.	"
" " Idlewild " " N.	"
" " Heck St. " " N.	"
" " " " " " S.	"
S. P/L Willard Pl. & Boylan Ave.	"
<del>W. P/L Hargett St. &amp; Snow Ave.</del>	"
N. P/L Carroll Alley & Cannon St.	"
S. P/L " " " " South St.	"
S. P/L Dawson & South Sts.	"
E. P/L Battle & Camister Sts.	"
W. P/L " " " " " "	"
S. P/L Fowle & " " " "	"
W. P/L " " " " " "	"
W. P/L Manly & Pough Sts.	"
E. P/L " " Hayti Al.	"
N. P/L Jones & Heck Sts.	"
S. P/L " " " " " "	"
N. P/L Person & Lenoir Sts.	"
E. P/L Worth & Person Sts.	"



Location	Kind
✓ N. P/L Ellington & Smithfield Sts.	Jenkins
✓ W. P/L Fayetteville St. & Hayti Al.	"
S. P/L Person & Lee Sts.	"
S. P/L Lee & Bloodworth Sts.	"
E. P/L Bledsoe & " "	"
W. P/L " " " "	"
S. P/L Mark & Lee Sts.	"
✗ Smithfield Rd. S. of last hydrant	"
N. P/L Hicks Al. & Johnson St.	"
✓ W. P/L Cannon & West Sts.	"
✓ S. P/L State & Barrett Sts.	"
✓ S. P/L West & Peace Sts.	"
N. P/L McDowell & South Sts.	"
N. P/L Lenoir & Saunders Sts.	"
S. P/L " " Branch Sts.	"
<del>W. P/L Snow Ave. &amp; Barrett Sts.</del>	"
✓ Cowper Dr. & Stone St. N. of Cross	"
" " " " " S. " "	"
✓ N. P/L Cowper Dr. & Reid St.	"
✓ N. P/L Worth & Smith Sts.	"
N. P/L " " Branch Sts.	"
N. P/L Lane & State Sts.	"
S. P/L " " " " " Ave.	"
✓ Glascock St. end of paving	"
N. P/L Camden & Worth Sts.	"
✓ S. P/L Hollman & Hayti Al.	"
✓ N. P/L Pettigrew & Jones Sts.	"
✓ S. P/L Blount & Pershing Dr.	"
E. P/L Sasser & Bloodworth Sts.	"
E. P/L " " Elm Sts.	"
E. P/L " " Swain Sts.	"
✓ Sasser & End - Blow-off	"
W. P/L Bragg & Hollman Sts.	"
E. P/L " " Hill Sts.	"
E. P/L Lee & Hollman Sts.	"
✓ S. P/L Scales & Whitaker Mill Rd.	"
✓ N.E. P/L " " Fairview Rd.	"
E. P/L Jackson St. & Park Ave.	"
W. P/L " " " Ashe "	"
✓ N. P/L Spring & Cleveland Sts.	"
<del>N. P/L Elm &amp; Holt Sts.</del>	"
S. P/L State & Martin Sts.	"
N. P/L " " Davie Sts.	"
E. P/L Ambleside Dr. & Hawthorn Rd.	"
W. P/L " " " Forest Rd.	"
✓ E. P/L Wakefield & Ashe Ave.	"
✓ S. P/L Stone St. & Cowper Dr.	"
Johnson Alley & McKee St.	"
✓ S. P/L Floreneo & South Sts.	"
W. P/L Railroad & Fayetteville Sts.	"
✓ N. P/L Commerce & Cabarrus Sts.	"
S. P/L Lenoir & Montford Sts.	"

Location	Kind
<del>S. P/L West &amp; Cannon Sts.</del>	Jenkins
<del>W. P/L Holt &amp; Elm Sts.</del>	"
✓ N. P/L Davie St. & Loves Lane	"
✓ E. P/L Smith & Haywood Lane	"
N. P/L Haywood & Bragg Sts.	"
<del>W. P/L " " " "</del>	"
E. P/L " " Smith " "	"
Haywood & Smith Sts. End of line for Blow-off	"
S. P/L Cannister & Pough Sts.	"
W. P/L Tryon & Harrison Ave.	"
✓ E. P/L Glenwood Ave. & N. Circle	"
S. P/L Mark & Smithfield Sts.	"
N. P/L " " Lee Sts.	"
✓ N. P/L Montagues Lane & Lenoir St.	"
S. P/L Cannon Ave. & New Fayetteville Rd.	"
✓ E. P/L Rocky Br. Drive & Saunders St.	"
S. P/L Camden & Hargett Sts.	"
N. P/L " " Martin Sts.	"
N. P/L Harrington & North Sts.	"
S. P/L " " Tucker Sts.	"
✓ E. P/L Georgetown Rd. & Pershing Dr.	"
✓ N. P/L Second St. & Second Ave.	"
✓ W. P/L " " " Oberlin Rd.	"
✓ S. P/L Second Ave. & Third St.	"
✓ W. P/L "A" St. & Chamberlain St.	"
✓ W. P/L Fourth St. & Oberlin Rd.	"
✓ E. P/L Worth & Branch Sts.	"
E. P/L " " Quarry Sts.	"
<del>Crosby &amp; Tucker Sts. E. of Cross</del>	"
<del>" " " " "</del>	"
S. P/L Lenoir & Wynne Sts.	"
S. P/L " " Crosby Sts.	"
E. P/L Saunders & Cannon Sts.	"
W. P/L " " " " "	"
	19
Total 155.	47
	9
	5
	95
	120
	11
	16
Total	338

Valves *not made now*  
 Rensselaer — 451 — 61 7/10  
 Glamorgan — 160 — 21 7/10 — 798 7/10  
 Columbião — 60 — 8 7/10  
 Eddy — 51  
 Smith — 15

R. D. Wood's Recapitulation:  
 Valves: VINCENT  
 739

Size -	Kind	Number	Total
20-inch	Rensselaer S.G.	6	
18-inch	Hyd. Co.	7	
16-inch	S.G. Depot	1	
14-inch	Glamorgan	4	
12-inch	Rensselaer S.G.	1	
10-inch	Eddy	4	
8-inch	Rensselaer	39	
6-inch	R.D. Wood	1	
4-inch	Eddy	2	
3-inch	Columbian	3	45
2-inch	Rensselaer	3	
1-inch	Eddy	2	5
3/4-inch	Rensselaer	40	
1/2-inch	Glamorgan	14	
1/4-inch	Columbian	6	
1/8-inch	Eddy	6	66
1/16-inch	Rensselaer	339	
1/32-inch	Glamorgan	106	
1/64-inch	Columbian	51	
1/128-inch	Eddy	34	
1/256-inch	Smith	12	
1/512-inch	Vincent	1	543
1/1024-inch	Rensselaer	19	
1/2048-inch	Glamorgan	37	
1/4096-inch	Eddy	6	
1/8192-inch	Smith	3	65
1/16384-inch	Jenkins	128	
1/32768-inch	Crane	11	
1/65536-inch	Glamorgan	16	155
<b>Total -</b>			<b>884</b>

Miscellaneous Valves:- Controlling private pipe lines  
for fire protection and other large service connections:

	Kind	Size
Off 16" Main To Buckeye Cotton Oil Co.	Columbian	6"
" " " " " " " " " "	Rensselaer	6"
W. Davie St. To Southern Freight Depot	Smith	6"
Harrington St. To Baker-Rawls	"	6"
Salisbury St. To Wake Co. Court House	Glamorgan	4"
Fayetteville St. To O'Kelly Bldg.	Smith	4"
" " " " To Yarbrough Hotel site	"	4"
W. Martin St. To Southern Ry. Tank	Glamorgan	4"
" " " " To Wright Bldg.	Smith	4"
" " " " To Giersch Hotel	"	4"
" " " " To News & Observer	"	4"
" " " " To Bland Hotel	"	4"
E. " " " To Citizens Bank Bldg.	"	4"
" " " " To Commercial " "	"	4"
" " " " To Andrews Bldg.	Glamorgan	6"
" " " " To Capudine Co's. Bldg.	Columbian	6"
E. Hargett St. To Masonic Temple	Smith	4"
S. McDowell St. To Raleigh Hotel	"	4"
S. Salisbury St. To Boylan-Pearce Co.	Glamorgan	4"
Fayetteville St. To Wachovia B. & T. Co.	Smith	4"
Wilmington St. To Bldg. N.W. Cor. Martin & Wilmington Sts.	"	4"
Morgan St. To Highway Com. Bldg.	"	4"
Wilmington St. To Royall & Borden	"	4"
" " " " To Grand Theatre	"	4"
Fayetteville St. To Tucker Stores Bldg.	"	4"
S. West St. To Raleigh Iron Works	"	4"
Hillsboro St. To St. Mary's School	Glamorgan	4"
State College - North of Meter	"	6"
Hillsboro St. To State College	Rensselaer	8"
Newbern Ave. To Soldiers Home	Glamorgan	6"
W. Edenton St. State Dept. Bldg.	"	4"
N. Person St. To Mansion Park Hotel	"	4"
Alley in rear of Y.M.C.A. To Y.M.C.A.	"	4"
W. Jones St. To C.P. & L. Co.	"	4"
N. Dawson St. To Old Blind Institution	"	4"
Lane St. between McDowell & Salisbury Sts.	"	4"
Tarboro Rd. & Tarboro St. To St. Augustine School	"	6"
N. Dawson St. To Melrose Knitting Mill	"	4"
North & Halifax Sts. West of main	Smith	6"
Polk St. To Murphy School	Glamorgan	4"
Johnson St. To S.A.L. Ry. Supply	"	4"
" " " " To Martin Knitting Mills	Smith	4"



	Kind	Size
Wilmington St. To Old Reynolds		
Clay St. To Methodist Orphanage	Glamorgan	6"
S.A.L. Yard To Raleigh Cotton Mills	Eddy	6"
" " To Baker-Thompson	"	6"
" " To Supply for Watering cars	Glamorgan	4"
" " To 2- Hydrants	Eddy	6"
" " On line to Pilot Mills (lost)	"	6"
" " To Gills Foundry	"	4"
" " To Pilot Cotton Mills	Glamorgan	6"
✓ Halifax St. To Peace Institute	Rensselaer	6"
✓ S. Wilmington St. To J.J. Thomas Bldg.	Columbian	6"
✓ N. Wilmington St. To Vance Apts.	Glamorgan	4"
S. Salisbury St. To Edwards-Broughton	"	6"
W. Morgan St. To State Prison	Rensselaer	8"
Park Ave. Extd. To Blind Institute	"	6"
Ashe Ave. To " "	"	6"
Avent Ferry Rd. To Catholic Orphanage	"	6"
College Place To St. Mary's School	"	8"
✓ Cabarrus St. To Oak City Laundry	"	2- 6"
✓ Hargett St. To Carolina Hotel	"	6"
St. Mary's St. To New High School	"	6"
Oberlin Rd. To Wake Hill	"	6"
S. Blount St. To T.E. Green Garage	"	6"
S. Salisbury St. To Griffin & Bland	"	6"
Tucker St. To Pine State Creamery	"	4"
✓ Edenton St. To State Capitol	"	4"
✓ Wilmington St. To Proctor Bldg.	"	4"
Dawson St. To Melrose Mill	"	6"
✓ West St. To C.P. & L. Co. Warehouse	"	4"
" " " " " Garage	"	4"
Salisbury St. To State Revenue Bldg.	"	4"
Hargett St. To Odd Fellows Bldg.	"	4"
Wilmington St. To Rawls Motor Co.	"	4"
S. McDowell St. To Sanitary Laundry	"	4"
" " " " To Professional Bldg.	"	4"
Martin St. To Hicks Capudine Bldg.	"	4"
West St. To Dillon Supply Co.	"	6"
Cabarrus St. To Cascade Laundry	"	4"
✓ Salisbury St. To State Theatre	"	4"
✓ Halifax St. To Agricultural Bldg.	"	4"
✓ Fayetteville St. To Sir Walter Hotel	"	6"
" " " " To Rawls Motor Co.	"	6"
✓ Blount St. To Capitol Apartments	"	4"
✓ Wilmington St. To Vance " "	"	4"
✓ Salisbury St. To A. Williams Bldg.	"	6"
✓ Hillsboro St. To Meredith College	"	6"
Hillsboro Road. To Method	"	6"
West St. To Wiley Hotel	"	4"
✓ Hinton St. To Raleigh Bonded Warehouse	"	8"
✓ Scales St. To Hayes-Barton Pool	"	6"

	Kind	Size
✓ W. Martin St. To Brogden Produce Co.	Rensselaer	4"
✓ Wilmington St. To Old Royall & Borden Bldg.	"	4"
Morgan St. To Southern Bell Tel. Co.	"	4"
Salisbury & Hargett Sts. N.E. Cor.	"	4"
Connection for property -		
Fayetteville St. To Masonic Temple	"	6"
Wilmington St. To W.H. King Drug Co.	"	6"
Salisbury St. To B.H. Griffin Bldg.	"	6"
✓ East & Lane Sts. To Horton property	"	4"
Valves in Budleigh (Map File A-45)	"	5-4" & 11-6"

Valves on mains smaller than 4" - Controlling private pipe lines:

	Kind	Size
1. Kenmoor & Beechmoor S. P/L	Jenkins	2"
2. " & Beechridge S. P/L	"	2"
3. Dixie Trail & Bedford E. P/L	"	2"
4. " & Fairground Ave. E. P/L	"	2"
5. " & Mayview E. P/L	"	2"
6. Olds Ave. & Bartmettler N. P/L (Blow-off)	"	2"
7. Kirby & Western Blvd. S. P/L	"	2"
8. Bilyeu & " S. P/L	"	2"
9. Barbee Pl. & McCarthy E. P/L	"	2"
10. Beechridge & White Oak Rds. W. P/L	"	2"
11. Whitaker Dr. & " W. P/L	"	2"
12. Leesville & Fairview Rds. N. P/L	"	2"
13. First St. S. of Fairview & Oberlin	"	2"
14. Concord & Hillsboro S. P/L	"	2"
15. Stanhope & " S. P/L	"	2"
16. Harding & Wake Forest Rd. E. P/L	"	2"
17. Elizabeth & Hillsboro Rd. S. P/L	"	2"
18. Bagwell & " N. P/L	"	2"
19. Hoke St. & Fayetteville Rd. E. P/L	"	2"
20. Wake Forest Rd. & Hinton N. P/L (G.R.Co.)	"	2"
21. " & " N. P/L (C.F. Sta.)	"	2"
Recapitulation:		
22. 8-inch Rensselaer	-	4
23. 6-inch " "	-	34
24. 6-inch Glamorgan	-	7
25. 6-inch Columbian	-	3
26. 6-inch Smith	-	3
27. 6-inch Eddy	-	4
28. 4-inch Rensselaer	-	30
29. 4-inch Glamorgan	-	13
30. 4-inch Smith	-	18
31. 2-inch Jenkins	-	21
Total		137
32. 4-inch Columbian	-	2
33. 4-inch " "	-	2

Public Fire Protection

Number and Location of Fire Hydrants

June 1st, 1930.

No.	Location	Kind	Size	Noz.	Main Con.
1.	Pumping Station	Mathews	4"	2	4"
2.	Caraleigh School	"	4"	2	6"
3.	City Abbatoir	"	4"	2	4"
4.	City Farm	"	4"	2	6"
5.	N.E. Holman & Bregg	"	4"	2	6"
6.	N.W. Bregg & Hill	"	4"	2	6"
7.	N.E. Cuba & Cannister	"	4"	2	6"
8.	N.W. Manly & Cuba	"	4"	2	6"
9.	W. Int. Fayetteville & Lee	"	4"	2	6"
10.	S.E. Holman & Lee	"	4"	2	6"
11.	N.E. Lee & Wilmington	"	4"	2	4"
12.	N.W. Blount & Lee	Columbian	4 1/2"	2	6"
13.	N.W. Lee & Person	Mathews	4"	2	6"
14.	N.W. Lee & Bloodworth	"	4"	2	6"
15.	S.E. Manly & R.R.	"	4"	2	6"
16.	N.E. Manly & Hayti	"	4"	2	4"
17.	S. C/L Manly & Cuba	"	4"	2	4"
18.	N.E. Bledsoe & Blount	"	4"	2	6"
19.	S.E. Person & Bledsoe	"	4"	2	6"
20.	S.E. Bledsoe & Bloodworth	"	4"	2	6"
21.	S.E. Holman Rd. & Hunter	"	4"	2	6"
22.	N.E. Cannister & Fowle	"	4"	2	6"
23.	E. Side Manly at Fowle	"	4"	2	8"
24.	S.W. Fayetteville & McKee	"	4"	2	6"
25.	N.E. Jenkins & Dodd	"	4"	2	6"
26.	S.W. Cannister & Battle	"	4"	2	6"
27.	N.E. Hunter & Fayetteville	"	4"	2	6"
28.	N.E. Wilmington & Smithfield	"	4"	2	6"
29.	N.W. Smithfield & Blount	"	4"	2	6"
30.	N.W. Smithfield & Person	"	4"	2	6"
31.	N.E. Bloodworth & Smithfield	"	4"	2	6"
32.	N.E. East & East Ave.	"	4"	2	6"
33.	S.E. Boylan Dr. & Cabarrus	"	4"	2	6"
34.	N.W. " " Stokes	"	4"	2	6"
35.	N.E. Boylan Ave. & Boylan Dr.	"	4"	2	6"
36.	N.E. Cannon & Florence	"	4"	2	6"
37.	N.E. Saunders & Cannon	"	4"	2	6"
38.	N.W. West & Cannon	"	4"	2	6"
39.	N.W. Cannon & Briggs Alley	Columbian	4 1/2"	2	6"
40.	N. Side Cannon & Cannister	"	4 1/2"	2	6"

No.	Location	Kind	Size	Noz.	Main Con.
41.	W. Side Manly S. of R.R. Bridge	Mathews	4"	2	6"
42.	S. E. Manly & Worth	"	4"	2	6"
43.	N. W. Fayetteville & Worth	"	4"	2	6"
44.	N. E. Blount & Worth	Columbian	4 1/2"	2	6"
45.	N. E. Person & Worth	Mathews	4"	2	6"
46.	N. E. Bloodworth & Worth	"	4"	2	6"
47.	N. E. East & Worth	"	4"	2	6"
48.	N. E. Haywood & Worth	"	4"	2	6"
49.	N. E. Worth & Camden	"	4"	2	6"
50.	N. E. " " Branch	"	4"	2	6"
51.	S. E. South & Cabarrus	"	4"	2	6"
52.	N. W. " " Stokes	"	4"	2	6"
53.	N. E. Cutler & South	"	4"	2	6"
54.	N. W. South & Boylan Ave.	"	4"	2	4"
55.	N. E. " " Saunders	Columbian	4 1/2"	2	6"
56.	N. W. " " West	"	4 1/2"	2	6"
57.	N. W. Harrington & South	Mathews	4"	2	4"
58.	N. W. South & Dawson	"	4"	2	6"
59.	N. E. " " McDowell	"	4"	2	6"
60.	N. Side South at Manly	"	4"	2	6"
61.	N. E. Salisbury & South	"	4"	2	6"
62.	N. W. South & Fayetteville	"	4"	2	6"
63.	N. E. Wilmington & South	"	4" 2&Str.	2	6"
64.	N. W. South & Blount	"	4" 2&Str.	2	6"
65.	N. W. " " Person	"	4"	2	6"
66.	N. E. " " Bloodworth	"	4" 2&Str.	2	6"
67.	E. Side East at South	"	4" 2&Str.	2	6"
68.	S. E. Lenoir & Cabarrus	Columbian	4 1/2"	2	6"
69.	N. W. Lenoir & Cutler	"	4 1/2"	2	6"
70.	N. E. Lenoir & Boylan Ave.	Mathews	4"	2	6"
71.	N. E. Lenoir & Saunders	"	4"	2	6"
72.	N. E. Lenoir & West	"	4" 2&Str.	2	6"
73.	N. E. Lenoir & Harrington	"	4"	2	6"
74.	N. E. Lenoir & Dawson	"	4"	2	6"
75.	N. W. Lenoir & McDowell	"	4"	2	6"
76.	N. E. Salisbury & Lenoir	Columbian	4 1/2"	2	6"
77.	N. E. Fayetteville & Lenoir	Mathews	4" 2&Str.	2	6"
78.	S. E. Wilmington & Lenoir	"	4" 2&Str.	2	6"
79.	N. Curb Lenoir bet. Wilmington & South	Columbian	"	2	6"
80.	N. E. Lenoir & Blount	Columbian	4 1/2"	2	6"
81.	N. E. Person & Lenoir	Mathews	4"	2	6"
82.	N. E. Bloodworth & Lenoir	"	4"	2	4"
83.	N. E. Lenoir & East	"	4"	2	6"
84.	N. E. Patterson & Lenoir	"	4"	2	6"
85.	S. E. Wynne & Lenoir	"	4"	2	6"



No.	Location	Kind	Size	Noz.	Main Con.
86.	N.E. Swain & Lenoir	Mathews	4"	2	6"
87.	S. Side Lenoir at Paywood	"	4"	2	6"
88.	N. Side Lenoir at Branch	"	4"	2	6"
89.	N. of Drive Opp. Pullen Rk. Pool	"	4"	2	6"
90.	W. Cor. Western Boulevard	"	4"	2	6"
91.	25' S. of Avent Ferry Rd. Catholic Orphanage	"	4"	2	6"
92.	S.E. Boylen & Cabarrus	"	4"	2	6"
93.	S.E. Florence & Cabarrus	"	4"	2	6"
94.	N. Side Cabarrus at Saunders	"	4"	2	4"
95.	S.E. " & West	"	4"	2	4"
96.	S.W. Cabarrus & Harrington	"	4"	2	4"
97.	N.W. " Dawson	"	4"	2	6"
98.	N.E. McDowell & Cabarrus	"	4"	2	6"
99.	N.W. Cabarrus & Salisbury	"	4"	2&Str.	6"
100.	N.W. " Fayetteville	"	4"	2&Str.	6"
101.	N.E. " Wilmington	Columbian	4"	2	6"
102.	N.E. " Blount	Mathews	4"	2	4"
103.	N.E. " Person	"	4"	2	4"
104.	N.W. " Bloodworth	"	4"	2	4"
105.	N.W. " East	"	4"	2	4"
106.	N.W. Watson & Cabarrus	"	4"	2	6"
107.	N.W. Cabarrus & Swain	"	4"	2	6"
108.	N.W. " Smith	"	4"	2	6"
109.	N.E. Lenoir & McCullock	"	4"	2	6"
110.	S.E. Gutler & "	"	4"	2	6"
111.	S.E. Boylen & Montford	"	4"	2	6"
112.	N.E. Davie & Harrington	"	4"	2	4"
113.	N.W. " Dawson	"	4"	2	6"
114.	S.W. McDowell & Davie	"	4"	2	4"
115.	N.E. Davie & Salisbury	"	4"	2&Str.	6"
116.	E. Side Salisbury bet. Martin & Davie	Columbian	4"	2	6"
117.	N.E. Davie & Fayetteville	Mathews	4"	2&Str.	6"
118.	S.W. Fayetteville & Davie	Columbian	4"	2	6"
119.	N.E. Davie & Wilmington	Mathews	4"	2	6"
120.	N.E. " Blount	"	4"	2	4"
121.	S.E. Blount & Davie	Columbian	4"	2	6"
122.	E. Side Blake at Pullen	"	4"	2	4"
123.	N.E. Davie & Person	Mathews	4"	2	4"
124.	N.W. " Bloodworth	"	4"	2	4"
125.	N.E. East & Davie	"	4"	2	4"
126.	E. Side Davie & Watson	"	4"	2	4"
127.	N.W. Davie & Swain	"	4"	2	4"
128.	N.E. Haywood & Davie	"	4"	2	4"

No.	Location	Kind	Size	Noz.	Main Con.
129.	N.W. Davie & Camden	Mathews	4"	2	4"
130.	N.E. Freeman & Davie	"	4"	2	4"
131.	N.E. Davie & State	"	4"	2	6"
132.	N.W. " " Tarboro	"	4"	2	6"
133.	E. Side West St. N. of Depot Shed	"	4"	2	4"
134.	N.W. Martin & Harrington	"	4"	2	4"
135.	Harrington N. of Depot Shed	"	4"	2	6"
136.	N.W. Dawson & Martin	"	4"	2	4"
137.	S.E. McDowell & Martin	"	4 1/2"	2&Str.	4"
138.	N.W. Martin & Salisbury	"	4"	2	6"
139.	S.W. Fayetteville & Martin	"	4 1/2"	2&Str.	6"
140.	E. Side Salisbury Bet. Martin & Hargett	Columbian	4 1/2"	2	6"
141.	S.E. Martin & Fayetteville	Mathews	4"	2	6"
142.	N.E. Fayetteville & Exchange	"	4"	2	6"
143.	S.E. Wilmington & Martin	"	4 1/2"	2&Str.	6"
144.	E. Side Wilmington Bet. Martin & Hargett	"	4 1/2"	2&Str.	6"
145.	N.E. Blount & Martin	Columbian	4 1/2"	2	6"
146.	S.E. Blount & Martin	"	4 1/2"	2	6"
147.	N.W. Martin & Person	Mathews	4"	2	4"
148.	N.E. " " Bloodworth	Columbian	4 1/2"	2	6"
149.	S.E. East & Martin	Mathews	4"	2	4"
150.	N. Side Martin Bet. East & Swain	"	4"	2	4"
151.	N.W. Swain & Martin	"	4"	2	6"
152.	S.E. Haywood & Martin	Columbian	4 1/2"	2	6"
153.	N.E. Martin & Camden	"	4 1/2"	2	6"
154.	S.E. Freeman & Martin	Mathews	4"	2	6"
155.	N.E. Martin & State	Columbian	4 1/2"	2	6"
156.	N.W. Tarboro & Martin	Mathews	4"	2	6"
157.	N. Side Martin near Calvin	Glamorgan	4 1/2"	2	6"
158.	N.E. Hargett & Snow	Mathews	4 1/2"	2	6"
159.	N.W. Hargett & St. Mary's	Mathews	4"	2	6"
160.	N.E. Boylan & Hargett	"	4"	2	6"
161.	N.W. West & Hargett	"	4"	2	6"
162.	S.E. Hargett & Harrington	"	4 1/2"	2&Str.	6"
163.	N.W. Dawson & Hargett	"	4 1/2"	2&Str.	6"
164.	S.E. McDowell & Hargett	"	4 1/2"	2&Str.	4"
165.	N.W. Hargett & Salisbury	"	4 1/2"	2&Str.	6"
166.	E. Side Salisbury Bet. Hargett & Morgan	Columbian	4 1/2"	2	6"
167.	S.W. Hargett & Fayetteville	Mathews	4"	2	6"
168.	N.E. " " " "	"	4 1/2"	2&Str.	6"
169.	N.W. " " " "	"	4"	2	6"
170.	S.E. " " " "	"	4"	2	6"

No.	Location	Kind	Size	Noz.	Con.
171.	N.E. Blount & Martin	Mathews	4"	2	6"
172.	S.E. " " "	"	4"	2	6"
173.	N.E. Person & "	"	4"	2	4"
174.	N.W. Hargett & Bloodworth	"	4"	2	4"
175.	S.E. East & Hargett	"	4"	2	4"
176.	N.W. Hargett & Swain	"	4"	2	4"
177.	E. Side Hargett at Haywood	Columbian	4"	2	6"
178.	E. Side " " Freeman	"	4"	2	6"
179.	N.W. Tarboro & Hargett	"	4"	2	6"
180.	Fullen Park Rd. near Barn	Mathews	4"	1	6"
181.	N.W. Hargett & Snow	Mathews	4"	2	6"
182.	N.E. Harrison & Morgan	"	4"	2	6"
183.	N.W. Morgan & Snow	"	4"	2	6"
184.	N. Side Morgan Bet. Snow & Boylan	"	4"	2	6"
185.	Boylan & Morgan S.W.	Columbian	4"	2	6"
186.	S.E. West & Morgan	Mathews	4"	2	4"
187.	S.E. Harrington & Morgan	"	4"	2	4"
188.	N.W. Dawson & Morgan	"	4"	2&Str.	4"
189.	S.E. McDowell & Morgan	"	4"	2&Str.	6"
190.	S. Curb Morgan Bet. McDowell & Salisbury	Columbian	4"	2	6"
191.	N.W. Salisbury & Morgan	"	4"	2	6"
192.	N.E. Vanderbilt & Pogue	Mathews	4"	2	6"
193.	N.W. " " Gardner	"	4"	2	6"
194.	N.E. " " Brooks	"	4"	2	6"
195.	N.E. Horne & Clark	"	4"	2	6"
196.	N.E. Pogue & Clark	"	4"	2	6"
197.	N.W. Clark & Gardner	"	4"	2	6"
198.	N.E. Clark & Brooks	"	4"	2	6"
199.	N.W. Stafford & Horne	"	4"	2	6"
200.	N.E. Pogue & Stafford	"	4"	2	6"
201.	N.W. Everett & Chamberlain	"	4"	2	6"
202.	S.E. Horne & Everett	"	4"	2	6"
203.	N.E. Everett & Pogue	"	4"	2	6"
204.	N.E. Daughtridge & Everett	"	4"	2	6"
205.	N.E. Everett & Brooks	"	4"	2	6"
206.	E. off cross Daughtridge & Bedford	"	4"	2	6"
207.	N.W. Brown & "	"	4"	2	6"
208.	S. off Cross Brown & 2nd Ave.	"	4"	2	6"
209.	E. " " Chamberlain & Brown	"	4"	2	6"
210.	N.E. Shepherd & Hillsboro	"	4"	2	6"
211.	S.E. " " Clark	"	4"	2	6"
212.	S. C/L Clark Bet. Montgomery & Shepherd	"	4"	2	6"
213.	S.W. Clark & Montgomery	"	4"	2	6"
214.	N.E. Hillsboro & Montgomery	"	4"	2	6"

No.	Location	Kind	Size	Noz.	Con.
215.	N.E. Hillsboro & Furches	Mathews	4"	2	6"
216.	N. C/L " " Bet. Montgomery & Shepherd	"	4"	2	6"
217.	S.E. Ruffin & Montgomery	"	4"	2	6"
218.	S.W. Morgan & Fayetteville	"	4"	2	6"
219.	S.E. Wilmington & Morgan	"	4 1/2"	2&Str.	6"
220.	N.E. Blount & Morgan	"	4"	2	6"
221.	S.E. " " "	Columbian	4 1/2"	2	6"
222.	S.E. Person & " "	Mathews	4 1/2"	2&Str.	6"
223.	N.E. Morgan & Bloodworth	Columbian	4 1/2"	2	6"
224.	N.W. Park & Ashe Ave.	Mathews	4"	2	6"
225.	S.E. Cox Ave. & Jackson	"	4"	2	6"
226.	N.W. Park Ave. & Jackson	"	4"	2	4"
227.	N.W. Ashe Ave. & Jackson	"	4"	2	6"
228.	N.E. Harrison Ave. & Tryon	Mathews	4"	2	6"
229.	N.W. Daisy & Hillsboro	"	4"	2	6"
230.	N.W. Dixie Trail & Hillsboro	"	4"	2	6"
231.	N.W. Brooks Ave. & "	"	4"	2	6"
232.	N.W. Hillsboro & Pogue	"	4"	2	6"
233.	N.W. Hillsboro & Gardner	"	4"	2	6"
234.	N.E. Horne & Hillsboro	"	4"	2	6"
235.	N.W. Chamberlain & Hillsboro	"	4 1/2"	2	6"
236.	N.W. Harris & "	"	4"	2	4"
237.	N.W. Enterprise & "	"	4 1/2"	2&Str.	6"
238.	N.E. Maiden Lane & "	"	4 1/2"	2&Str.	6"
239.	N.E. Oberlin Rd. & "	"	4"	2	6"
240.	N.E. Woodburn Rd. & "	"	4 1/2"	2&Str.	6"
241.	N.E. Hawthorn Rd. & "	"	4 1/2"	2&Str.	6"
242.	N.E. Forest Rd. & "	"	4"	2	6"
243.	N.E. Hillcrest & "	"	4"	2&Str.	6"
244.	S.W. Rake Ave. & "	"	4"	2	6"
245.	S.W. Ashe Ave. & "	"	4"	2	6"
246.	S.E. Snow Ave. & "	"	4"	2	6"
247.	N.E. St. Mary's & "	"	4"	2	4"
248.	N.E. Boylan Ave. & "	"	4 1/2"	2&Str.	6"
249.	N.E. Glenwood Ave. & "	"	4"	2	4"
250.	S.E. West & "	"	4"	2&Str.	4"
251.	N.E. Harrington & "	"	4 1/2"	2&Str.	4"
252.	N.E. Hillsboro & Dawson	"	4 1/2"	2&Str.	4"
253.	N.W. Hillsboro & McDowell	"	4 1/2"	2&Str.	6"
254.	N.W. " " Salisbury	"	4"	2	6"
255.	S.E. Newbern Ave. & Wilmington	"	4"	2	6"
256.	N.E. Wilmington & Newbern Ave.	Columbian	4 1/2"	2	6"
257.	N.W. Blount & " "	Mathews	4"	2	4"
258.	S.E. " " " "	"	4"	2	6"
259.	N.E. Person & " "	"	4 1/2"	2&Str.	4"



No.	Location	Kind	Size	Noz.	Main Con.
260.	N.W. Bloodworth & Newbern Ave.	Mathews	4 1/2"	2&Str.	4"
261.	N.E. East & "	"	4"	2	6"
262.	N. Side Newbern Ave. Bet. East & Swain	"	4"	2	6"
263.	N.E. Newbern Ave. & Swain	"	4"	2	6"
264.	N. Side " Bet. Seawell & Idlewild	"	4"	2	6"
265.	S.W. Newbern Ave. & Tarboro Rd.	Glemorgan	4"	2	6"
266.	W. Side West at Edenton	Mathews	4 1/2"	2&Str.	6"
267.	N.E. Harrington & Edenton	"	4"	2	4"
268.	N.W. Dawson & "	Columbian	4 1/2"	2	6"
269.	N.E. Edenton & McDowell	Mathews	4"	2	4"
270.	N.W. " Salisbury	"	4 1/2"	2&Str.	6"
271.	W. Side Salisbury Bet. Edenton & Jones	Columbian	4 1/2"	2	6"
272.	N.E. Halifax & Edenton	Mathews	4 1/2"	2&Str.	6"
273.	N.E. Wilmington & "	"	4 1/2"	2&Str.	6"
274.	N.E. Blount & Edenton	"	4"	2	6"
275.	S.E. " "	Columbian	4 1/2"	2	6"
276.	N.W. Person & Lane	Mathews	4"	2	6"
277.	N.E. Bloodworth & Edenton	Columbian	4 1/2"	2	6"
278.	N.E. East & "	Mathews	4"	2	4"
279.	N.W. Edenton & Linden	Columbian	4 1/2"	2	6"
280.	N.W. " Seawell	"	4 1/2"	2	6"
281.	N.E. Idlewild & Edenton	Mathews	4"	2	6"
282.	N.W. Edenton & State	"	4"	2	6"
283.	S.E. St. Mary's & Jones	"	4"	2	6"
284.	S.E. Boylan Ave. & "	"	4"	2	6"
285.	S.E. Glenwood & "	Mathews	4"	2	6"
286.	S.E. West & "	"	4"	2	6"
287.	N.N. Harrington & "	"	4 1/2"	2&Str.	6"
288.	N.W. Dawson & "	"	4 1/2"	2&Str.	6"
289.	N.E. McDowell & "	"	4 1/2"	2&Str.	6"
290.	N.W. Salisbury & "	"	4 1/2"	2&Str.	6"
291.	N.E. Halifax & "	"	4 1/2"	2&Str.	6"
292.	N.E. Wilmington & "	Columbian	4 1/2"	2	6"
293.	N.E. Blount & "	"	4 1/2"	2	6"
294.	S.E. " "	Mathews	4"	2	4"
295.	N.E. Person & "	"	4 1/2"	2&Str.	4"
296.	N.E. Bloodworth & "	"	4"	2	4"
297.	S.E. East & "	"	4"	2	4"
298.	N.E. Elm & "	"	4"	2	4"
299.	N.E. Linden & "	"	4"	2	6"
300.	N.W. Haywood & "	Columbian	4 1/2"	2	6"
301.	S.W. Seawell & "	Mathews	4 1/2"	2	6"
302.	N.E. Idlewild & "	Columbian	4 1/2"	2	6"
303.	N. Side Jones at State	Mathews	4"	2	6"

No.	Location	Kind	Size	Noz.	Main Con.
304.	N.W. Jones & Tarboro	Mathews	4"	2	6"
305.	N.E. Woodburn Rd. & Benehan	"	4 1/2"	2&Str.	6"
306.	N.E. Hawthorn Rd. & " "	"	4 1/2"	2&Str.	6"
307.	N.E. Forest Rd. & " "	Columbian	4 1/2"	2	6"
308.	N.E. Hillcrest Rd. & " "	"	4 1/2"	2	6"
309.	N.W. Park Dr. W. & " "	"	4 1/2"	2	6"
310.	N.E. " " E. & College Place	"	4 1/2"	2	6"
311.	N.E. Calvin Rd. & " "	Mathews	4"	2	6"
312.	N.E. Lane & St. Mary's	"	4"	2	6"
313.	N.E. Boylan Ave. & Lane	"	4"	2	6"
314.	N.E. West " & " "	Columbian	4 1/2"	2	6"
315.	S.E. Harrington & Lane	Mathews	4 1/2"	2&Str.	6"
316.	S.W. Dawson & " "	Columbian	4 1/2"	2	6"
317.	N.E. McDowell & " "	Mathews	4"	2	4"
318.	S. Side Lane Bet. McDowell & Salisbury	"	4"	2	4"
319.	S.W. Salisbury & Lane	"	4 1/2"	2	4"
320.	N.W. Lane & Halifax	Columbian	4"	2	6"
321.	N.E. Halifax & Lane	"	4 1/2"	2&Str.	6"
322.	S.E. Wilmington & Lane	Columbian	4 1/2"	2	6"
323.	S.W. Blount & Lane	Mathews	4"	2	4"
324.	S.E. Person & " "	"	4 1/2"	2&Str.	4"
325.	N.E. Lane & Bloodworth	Columbian	4 1/2"	2	6"
326.	S.E. East & Lane	Mathews	4"	2	6"
327.	N.E. Lane & Elm	Columbian	4 1/2"	2	6"
328.	S.E. Linden & Lane	"	4 1/2"	2	6"
329.	N.E. Lane & Beswell	"	4 1/2"	2	6"
330.	S.W. Idlewild & Lane	Mathews	4"	2	6"
331.	N.E. Lane & Heck	"	4"	2	6"
332.	N.W. Tarboro & Lane	"	4"	2	6"
333.	N. Side Tarboro at City Limits	"	4"	2	6"
334.	N.E. Park Dr. & Ambleside	Columbian	4 1/2"	2	4"
335.	N.W. W. " " " "	"	4 1/2"	2	4"
336.	E. Side E. Park Dr. Bet. College Place & Calvin	"	4 1/2"	2	6"
337.	" " " " Dr. No. of "	"	4 1/2"	2	6"
338.	N.W. Calvin Rd. & St. Mary's	Mathews	4"	2	6"
339.	S.W. " " " Valley View	"	4"	2	6"
340.	N.E. North & St. Mary's	Columbian	4"	2	6"
341.	S.E. Glenwood & North	"	4"	2	4"
342.	N.E. North & West	"	4"	2	4"
343.	N.W. " " Fleming	"	4"	2	4"
344.	N. Side North at Dawson	"	4"	2	4"
345.	S.E. McDowell & North	"	4 1/2"	2&Str.	6"
346.	N.E. Halifax & " "	"	4"	2	6"
347.	N.E. North & Wilmington	"	4"	2	6"

No.	Location	Kind	Size	Noz.	Con.
348.	N.E. Blount & North	Mathews	4"	2	4"
349.	S.E. Person & Oakwood	"	4"	2	4"
350.	N.E. Bloodworth & Oakwood	Columbian	4 1/2"	2	6"
351.	N.W. Oakwood & East	Mathews	4"	2	4"
352.	S.E. Linden & Oakwood	Columbian	4 1/2"	2	4"
353.	N.W. Chamberlain & Harris	"	4 1/2"	2	4"
354.	N.E. Hore & Harris	Mathews	4"	2	6"
355.	N.E. " " Enterprise	"	4"	2	6"
356.	N. End Meiden Lane	"	4"	2	6"
357.	N.E. Park Dr. & Oberlin Rd.	"	4"	2	6"
358.	S.E. Groveland Ave. & Park Dr.	"	4"	2	4"
359.	S.E. Woodburn Rd. & Park Dr.	"	4"	2	6"
360.	S.E. Hawthorn Rd. & " "	"	4"	2	6"
361.	S.E. Hillcrest & " " "	"	4"	2	6"
362.	N.W. Park Dr. & Park Dr. West	"	4"	2	6"
363.	S.W. " " & St. Mary's	"	4"	2	6"
364.	S.E. Boylan Ave. & Tucker	"	4"	2	6"
365.	S.E. Glenwood Ave. & Tucker	Columbian	4 1/2"	2	6"
366.	D.E. West & Tucker	Mathews	4"	2	6"
367.	E. C/L Gery & " back of Park	"	4"	2	6"
368.	N. Side Halifax at Grimes Alley	"	4"	2	6"
369.	W. Side Wilmington at Polk	"	4"	2	6"
370.	N.E. Blount & Polk	"	4"	2	4"
371.	S.E. Person " " "	"	4"	2	4"
372.	S.W. Polk & Bloodworth	"	4"	2	4"
373.	S.W. West & Polk	"	4"	2	4"
374.	S.W. Polk & Elm	"	4"	2	4"
375.	E. Side Swain at Polk	Columbian	4 1/2"	2	6"
376.	N.W. Johnson & W. Park Dr.	Mathews	4"	2	6"
377.	S.E. " " & Peace	"	4"	2	6"
378.	N.W. Gaston & Johnson	"	4"	2	6"
379.	N.E. Boylan & Johnson	"	4"	2	6"
380.	N.E. Glenwood " " "	Columbian	4 1/2"	2	6"
381.	S. Side Johnson at Dawson	Mathews	4"	2	6"
382.	N. Side " " Round House	"	4 1/2"	2&Str.	6"
383.	N.E. Johnson & Railroad	"	4"	2	6"
384.	S.W. Salisbury & Johnson	Columbian	4 1/2"	2	6"
385.	N.E. Halifax & Johnson	Mathews	4"	2	4"
386.	N.E. Peace & Gaston	Columbian	4 1/2"	2	6"
387.	S.E. Boylan & Peace	Mathews	4"	2	6"
388.	N.E. Glenwood & " "	Columbian	4 1/2"	2	6"
389.	N.W. Belmont & " "	"	4 1/2"	2	6"
390.	S.E. Dawson & " "	Mathews	4"	2	6"
391.	N. Curb Peace & R.R.	"	4"	2	6"
392.	S.E. Halifax & Peace	"	4 1/2"	2&Str.	6"
393.	N. Side Peace at Wilmington	"	4 1/2"	2&Str.	6"

No.	Location	Kind	Size	Noz.	Main Cop.
394.	S.E. Blount & Peace	Mathews	4"	2	4"
395.	S. Side Person at Peace	Columbian	4"	2	6"
396.	S.E. Bloodworth & Peace	Mathews	4"	2	6"
397.	N.W. East & Peace	"	4"	2	6"
398.	W. Curb Elm & Peace	"	4"	2	6"
399.	S.E. Bloodworth & Boundary	Columbian	4"	2	6"
400.	S.E. East & ...	Mathews	4"	2	6"
401.	N.W. Elm & ...	"	4"	2	6"
402.	N.W. Watauga & ...	"	4"	2	6"
403.	N.W. Firwood & Salisbury	"	4"	2	6"
404.	N.E. Pace & Harp	"	4"	2	6"
405.	N.W. " " Blount	"	4"	2	6"
406.	N.E. Person & Pace	"	4"	2	6"
407.	S.E. Bloodworth & Pace	"	4"	2	6"
408.	S.W. East & Pace	Columbian	4"	2	6"
409.	N.E. Gaston & Clay	"	4"	2	6"
410.	N.E. " & Brooklyn	Mathews	4"	2	6"
411.	N.E. St. Mary's & "	"	4"	2	6"
412.	N.E. " & Clay	"	4"	2	6"
413.	E. Side St. Mary's back of Orph.	"	4"	2	6"
414.	W. Side St. Mary's at High School	"	4"	2	6"
415.	S.E. Boylan & Deveraux	"	4"	2	6"
416.	E. Side Belmont N. of Deveraux	"	4"	1	4"
417.	N.E. Glenwood & Deveraux	"	4"	2	6"
418.	S.E. Salisbury & Franklin	Columbian	4"	2	6"
419.	S.E. Franklin & Halifax	"	4"	2	6"
420.	N.W. " " Harp	"	4"	2	6"
421.	S.E. Blount & Franklin	Mathews	4"	2	6"
422.	N.E. Person & Franklin	"	4"	2	6"
423.	N.W. Bloodworth & "	"	4"	2	6"
424.	N.W. Elm & "	"	4"	2	6"
425.	N.W. Watauga & "	"	4"	2	6"
426.	S.E. Boylan & Willsforest	"	4"	2	6"
427.	E. Side Glenwood Ave. at Willsforest	"	4"	2	6"
428.	N. Side Glenwood at N. & S. R.R.	"	4"	2	6"
429.	W. Side Halifax at Pine	"	4"	2	6"
430.	N.E. Harp & Pine	"	4"	2	6"
431.	N.E. Pine & Blount	"	4"	2	6"
432.	E. Side Person at Wake Forest Rd.	Columbian	4"	2	4"
433.	N.E. Holt & Bloodworth	Mathews	4"	2	6"
434.	N.E. " Elm and Ave.	"	4"	2	6"
435.	S.E. Watauga & Holt	"	4"	2	6"
436.	N. Side Holt E. of Watauga	"	4"	2	6"
437.	N.E. Wake Forest Rd. & Porter	Columbian	4"	2	6"
438.	S.E. Bloodworth & ...	Mathews	4"	2	6"
439.	N.E. Mordecai & Walnut	"	4"	2	6"



No.	Location	Kind	Size	Noz.	Main Con.
440.	N. Side Glascock at Benjamin	Mathews	4"	2&Str.	6"
441.	N.E. " " & Watauga	"	4"	2	6"
442.	N. Side " " End of paving	"	4"	2	6"
443.	N.E. Poplar & Blount	"	4"	2	6"
444.	N.E. Mordecai & Poplar	"	4"	2	6"
445.	E. Side Wake Forest Rd. near Poplar Col.	"	4"	2	6"
446.	N.E. Chestnut & Hinton	Mathews	4"	2	6"
447.	N.E. Mordecai & Chestnut	"	4"	2	6"
448.	S.W. Wake Forest Rd. & Chestnut	"	4"	2	6"
449.	N. Side Frank at City Limits	"	4"	2	6"
450.	N.E. Sycamore & Hinton	"	4"	2	6"
451.	N.E. Mordecai & Sycamore	"	4"	2	6"
452.	N.W. Wake Forest Rd. & Sycamore	"	4"	2	6"
453.	N. Side Hinton at Mordecai	"	4"	2	6"
454.	S.W. Wake Forest Rd. & Hinton	"	4"	2	6"
455.	N.E. Glenwood & Adams	"	4"	2	6"
456.	N.W. Adams & Filmore	"	4"	2	6"
457.	N.E. Jefferson & Glenwood	"	4"	2&Str.	6"
458.	N.E. Jefferson & Filmore	"	4"	2	6"
459.	S.W. Pierce & Jefferson	"	4"	2&Str.	6"
460.	N.E. Cole & Glenwood	"	4"	2	6"
461.	N.W. " " & Filmore	"	4"	2	6"
462.	S.E. Dixie Trail & Fairground	"	4"	2	6"
463.	S.W. " " Bedford Ave.	"	4"	2	6"
464.	N.W. Chamberlain & Clark	"	4"	2	6"
465.	N.E. 1st & Chamberlain	"	4"	2	6"
466.	E. Side Oberlin Rd. & 1st St. #2	"	4"	2	6"
467.	N.W. 3rd St. & 3rd Ave. Oberlin	"	4"	2	6"
468.	N. Side Oberlin Rd. & 3rd Ave. #3	"	4"	2	6"
469.	" " " " 6th St. #4	"	4"	2	6"
470.	" " " " Hyd. #5	"	4"	2	6"
471.	" " " " at Wade Ave. #6	"	4"	2	6"
472.	" " " " Hyd. #7	"	4"	2	6"
473.	" " " " " #8	"	4"	2	6"
474.	" " " " " #9	"	4"	2	6"
475.	S.E. " " " & Fairground	"	4"	2	6"
476.	" " " " " Road #10	"	4"	2	6"
477.	N. C/L Pineview & Arlington	"	4"	2	6"
478.	N. C/L Arlington & West End	"	4"	2	6"
479.	N.W. Chamberlain & "A"	"	4"	2	6"
480.	N.E. Everett & 2nd Ave.	"	4"	2	6"
481.	N. Curb 3rd St. & 2nd Ave.	"	4"	2	6"
482.	N.E. " " " at West End	"	4"	2	6"
483.	N.E. Williamson Dr. & St. Mary's	"	4"	2	6"
484.	N.W. " " " Iredell Dr.	"	4"	2	6"

No.	Location	Kind	Size	Noz.	Con.
485.	N.W. Williamson Dr. & Carr	Mathews	4"2	2	6"
486.	N.W. " " " Glenwood	"	4"2	2&Str.	6"
487.	N.E. Jarvis & St. Mary's	"	4"2	2	6"
488.	N.E. Iredell Dr. & St. Mary's	"	4"2	2	6"
489.	N.W. " " " Jarvis	"	4"	2	6"
490.	E. Side Iredell Dr. bet. Jarvis & Williamson Dr.	"	4"2	2	6"
491.	N.E. Craig & St. Mary's	"	4"2	2	6"
492.	E. Side Jarvis at Craig	"	4"	2	6"
493.	N.E. Harvey & St. Mary's	"	4"2	2	6"
494.	S.W. Jarvis & Harvey	"	4"2	2	6"
495.	N. Side Harvey at Carr	"	4"2	2	6"
496.	N. Side " " Caswell	"	4"2	2	6"
497.	N.W. " " & Holt	"	4"2	2&Str.	6"
498.	N.E. Stone & St. Mary's	"	4"	2	6"
499.	N.E. " & Cowper Dr.	"	4"2	2	6"
500.	N.E. Reid & " "	"	4"2	2	6"
501.	N.E. Jarvis & " "	"	4"2	2&Str.	6"
502.	S.E. " & Fairview	"	4"2	2	6"
503.	N.W. Vance & Jarvis	"	4"2	2	6"
504.	N.E. Glenn & Cowper Dr.	"	4"2	2&Str.	6"
505.	N.E. Ridgecrest & Fairview	"	4"2	2	6"
506.	S.E. Cowper Dr. & " "	"	4"	2	6"
507.	S.E. Stone & " "	"	4"2	2	6"
508.	S.E. Reid & " "	"	4"2	2	6"
509.	S.E. " " Vance & " "	"	4"2	2	6"
510.	S.W. Glenn Ave. & Fairview	"	4"2	2	6"
511.	W. Side Glenwood Opp. H.B. School	"	4"	2	6"
512.	N.W. Scales & Nash Dr.	"	4"2	2	6"
513.	S.E. Nash Dr. & Aycock	"	4"2	2	6"
514.	S.E. Morrison & Doughton	"	4"2	2	6"
515.	S.E. " " Faison	"	4"2	2	6"
516.	N.E. Bickett & " "	"	4"2	2	6"
517.	S.E. Curb " " Doughton	"	4"	2	6"
518.	S.E. Scales & Aycock	"	4"2	2	6"
519.	N.E. Graham & Glenwood	"	4"2	2&Str.	6"
520.	N.E. " " Scales	"	4"2	2&Str.	6"
521.	N.E. " " Burton	"	4"	2	6"
522.	N.W. " " Aycock	"	4"	2	6"
523.	S.E. Scales & Fairview	"	4"	2	6"
524.	S.W. Fairview Rd. & Burton	"	4"	2	6"
525.	N.W. Aycock & Fairview	"	4"	2	6"
526.	N.W. Cherokee Dr. & Fairview	"	4"	2	4"
527.	N.W. Whitaker Mill Rd. & Sunset Dr.	"	4"	2	6"
528.	E. Side Duncan at Sunset Dr.	"	4"	2	6"

Recompiled at 104.

No.	Location	Fire Department	Kind	Size	Noz.	Main Con.
529.	S.E. Perry & Cherokee Dr.		Mathews	4"	2	6"
530.	S.E. Wills Ave. & Whitaker Mill		"	4"	2	6"
531.	N. Side Aycock at Greenwood		"	4"	2	6"
532.	S. Side Bickett Blvd. at Lanover		"	4"	2	6"
533.	N. Side Whitaker Mill Road at Bickett		"	4"	2	6"
534.	N. Side Bickett Blvd. at Duncan		"	4"	2	6"
535.	N.W. " " & Aycock		"	4"	2	6"
536.	N. Side Whitaker Mill Rd. & Sunrise		"	4"	2	6"
537.	N.W. Sunrise & Aycock		"	4"	2	6"
538.	N.E. " near Blount		"	4"	2	6"
539.	N.W. Pershing Dr. & Blount		"	4"	2	6"
540.	S.E. Whitaker Mill Rd. & Pershing		"	4"	2	6"
541.	S.E. Whitaker Mill Rd. near Co. Home		"	4"	2	6"
542.	N.E. Creston Rd. & Woodland Ave.		"	4"	2	6"
543.	N. Side " " Bet. Woodland & Myrtle		"	4"	2	6"
544.	W. Side Glenwood Ave. at Myrtle		"	4"	2	6"
545.	W. Side " " Bet. Alexander & White Oak	Columbian	"	4"	2	6"
546.	W. Side White Oak Bet. Glenwood & Sunset	"	"	4"	2	6"
547.	W. Side Glenwood at Woodland	Mathews	"	4"	2	6"
548.	N. Side The Circle at Glenwood	Mathews	"	4"	2	6"
549.	E. " " " at City Lts.	"	"	4"	2	6"
550.	N. Side Alexander Rd. at end of line	"	"	4"	2	6"
551.	N.E. Sunset Ave. & White Oak Rd.	"	"	4"	2	6"
552.	S.E. McCarthy & Barber Bl.	"	"	4"	2	6"
553.	N.E. " & Hudson	"	"	4"	2	6"
554.	N.W. Carroll & " "	"	"	4"	2	6"
555.	N. Cor. Ridgecrest & Country Club Dr.	"	"	4"	2	6"

Indicates size of pipes between " " and " " by " " of hydrant barrels & 2-inches. All hydrants are of the " " type; have automatic water valves and are set in sockets of loose stone or brick.

Recapitulation:

Fire Hydrants - Private Fire Hydrants

Fire Protection:

Public Fire Hydrants in service June 1, 1930.

Kind	Size	Str. & Noz.	Main Con.	Number
Mathews	4 1/2"	Columbian 2	6"	49
"	4 1/2"	Mathews 2	4"	14
W.O. State Prison	4 1/2"	Glamorgan 2	6"	335
W.O. Soldiers Home	4 1/2"	Mathews 2	4"	75
W.O. School for Blind	4"	Glamorgan 1	6"	1
St. Mary's School	4"	Mathews 1	4"	2
North Mt. Orphanage	4"	Glamorgan 2	6"	71
Meredith College	4"	Mathews 2	4"	6
St. Augustine School	4 1/2"	" 2	6"	2
Columbian	4 1/2"	Glamorgan 2	6"	2
"	4 1/2"	" 2	6"	
Glamorgan	4"	Mathews		
Reagan Lumber Co.				
Hiner Specialty Co.				
S.A. Ry. Co. Yard				
Sou. Ry. Co. Ret. Depot				
Total -				555.

**Note:** Size indicates diameter of valve opening. Str. & Noz. indicates engine and hose connections. Main Con. indicates size of pipes between main and hydrant. Diameter of hydrants barrels 4 & 5-inches. All hydrants are of the frost type; have automatic waste valves and are set in pockets of loose stone or brick.

Note: All of the above hydrants were installed at the expense of the property owners except the lot at ... They were installed by Water Dept. free of charge.

All are of the frost type; automatic waste valves and are set in pockets of loose stone or brick.



Total Hydrants - Matthews - 497 - 84 <sup>6</sup>/<sub>100</sub> %  
 Columbia - 80 - 13 <sup>6</sup>/<sub>100</sub> %  
 Glomorgan - 8  
 Chapman - 2  
 Wire Protection: 587 -

Table Wire Hydrants in service June 1, 1930.

Kind	Size	Str. & Nos.	Main Con.	Number
Matthews	4 1/2"	1	6"	49
"	4 1/2"	1	4"	14
"	4 1/2"	2	6"	336
"	4"	2	4"	78
"	4"	1	6"	1
"	4"	1	4"	2
Columbia	4 1/2"	2	6"	71
"	4 1/2"	2	4"	6
Glomorgan	4"	2	6"	8

Total - 587

Note:

Size indicates diameter of valve opening. Str. & Nos. indicates engine and hose connections. Main Con. indicates size of pipe between main and hydrant. Diameter of hydrant barrels 4 5/8 inches. All hydrants are of the first type; have automatic waste valves and are set in sockets of loose stone or brick.

Fire Hydrants - Private Fire Protection:

Location	Kind	Size	Nozzles	Main Con.	No.	
N.C. State College	Mathews	4 1/2"	Str.&	2	6"	8
	"	4 1/2"	"	2	6"	7
	Glamorgan	4 1/2"	"	2	4"	6
Pilot Cotton Mills	Chapmen	4"	"	2	4"	4
	Columbian	4 1/2"	"	2	6"	12
	Glamorgan	5 1/2"	"	3	6"	7
N.C. State Hospital	Chapman	4"	"	2	4"	3
	Mathews	4 1/2"	"	2	6"	7
N.C. State Prison	Glamorgan	4 1/2"	"	2	4"	3
	Mathews	4 1/2"	"	2	6"	9
N.C. Soldiers Home	Mathews	4 1/2"	"	2	6"	2
	Mathews	4 1/2"	"	2	6"	2
N.C. School for Blind	Mathews	4 1/2"	"	2	6"	4
	Glamorgan	4 1/2"	"	2	6"	4
St. Mary's School	Columbian	4 1/2"	"	2	6"	5
	Mathews	4 1/2"	Str.&	2	6"	7
Methodist Orphanage	"	4 1/2"	"	2	6"	3
	Glamorgan	4 1/2"	"	2	6"	1
Meredith College	Mathews	4 1/2"	"	2	4"	1
	"	4 1/2"	"	2	6"	4
St. Augustine School	Glamorgan	4 1/2"	"	2	6"	1
	Mathews	4"	"	2	4"	4
Raleigh Cotton Mills	"	4"	"	2	6"	1
	"	4"	"	2	4"	1
	Glamorgan	5 1/2"	"	3	6"	2
Pilot Cotton Mills	"	4 1/2"	"	2	6"	7
	"	5 1/2"	"	3	6"	1
Beaman Lumber Co.	Mathews	4"	"	2	4"	8
	"	4"	"	2	4"	2
Hiner Specialty Co.	"	4"	"	2	4"	1
	"	4"	"	2	4"	2
S.A.L. Ry. Co. Yard	"	4"	"	2	6"	1
	"	4"	"	2	6"	1
Sou. Ry. Cb. Frt. Depot	"	4 1/2"	Str.&	2	6"	2
	"	4 1/2"	"	2	6"	1
Buckeye Cotton Oil Co.	Columbian	4 1/2"	"	2	6"	6
	Mathews	4 1/2"	"	2	4"	1
Raleigh Iron Wks. Co.	"	4"	"	2	6"	3
	"	4"	"	2	6"	1
Stallings-Davis Tob. Co.	"	4"	"	2	6"	1
	"	4"	"	2	6"	7
Powell & Powell	"	4 1/2"	"	2	6"	1
Raleigh Bonded Warehouse	"	4 1/2"	"	2	6"	1
Carolina Country Club	"	4 1/2"	"	2	6"	1
Rex Hospital	"	4"	"	2	6"	2
Total -						133.

Note: All of the above hydrants were installed at the expense of the property owners except the two at Rex Hospital. They were installed by Water Dept. free of charge.

All are of the post type; automatic drip valves, and are set in pockets of loose stone or bricks.

Private Fire Protection:

Sprinklers and Stand Pipe with Hose:

Those with Automatic Sprinkler System:

- Raleigh Cotton Mills, 210 Firwood Ave.
- Pilot Cotton Mills, N. Halifax St.
- Melrose Knittig Mill, 301 W. North St.
- Barbee & Co. Warehouse, Cor. Wilmington & Lenoir Sts.
- Rawls Motor Co., 405 Fayetteville St.
- Dillon Supply Co., 216 S. West St.
- Andrews Building, 117 E. Martin St.
- Capudine Chemical Co., 122½ E. Martin St.
- J.J. Thomas Bldg., 315 S. Wilmington St.
- Raleigh Bonded Warehouse, Wake Forest Road.
- King Drug Co., 117 W. Wilmington St.

Total 12.

Those with both Sprinklers and Stand Pipe with hose connections:

- Edwards & Broughton Bldg., 212 S. Salisbury St.
- Sanitary Laundry, 411 S. McDowell St.
- Griffin & Blend Bldg., 411 S. Salisbury St.
- Dixie Building, 419 S. Salisbury St.
- Alfred Williams Bldg., 417 S. Salisbury St.
- Oak City Laundry, 110 W. Hargett St.
- St. Agnes Hospital - St. Augustine School, Oakwood Ave.
- Nurses Home - " " " "
- Bunn-Green Bldg., 109 S. Blount St.

Total 9.

Those with only Stand Pipe & Hose connections:

Raleigh Hotel, Cor. Martin & McDowell Sts.			
Bland Hotel, Cor. " & Salisbury Sts.			
Y.M.C.A. 15 E. Edenton St.	Owned by City	438,100	11,000
Y.W.C.A. 219 " Stations Ave.	" Sundry Parties	37,834	10,000
Masonic Temple, 135 Fayetteville St.		22,849	10,000
	Total	502,000	41,000
Vance Apts., Cor. Edenton & Wilmington Sts.			
Capitol Apts., Cor. Newbern Ave. & Blount Sts.			
State Theatre, 320 S. Salisbury St.		149,745	11,000
" " Sundry Parties		27,380	10,000
Wachovia Bank & Trust Co., 234 Fayetteville St.		107,105	20,000
Raleigh Bldg. & Loan Co., 219 Fayetteville St.			
Wiley Hotel, 411 W. Morgan St.		110,135	13,000
Hotel Giersch, 117 W. Martin St.			
Odd Fellows Bldg., Cor. Hargett & Salisbury Sts.	" Sundry Parties	4,000	500
Carolina Hotel, 228 W. Hargett St.	" Sundry Parties	10,000	11,000
Wake County C.H., Fayetteville St.		21,000	21,000
	Total	1,016	
State Supreme Court Bldg., Cor. Fayetteville & Morgan Sts.			
Raleigh Banking & Trust Co., 200 Fayetteville St.			
Sir Walter Hotel, 400 Fayetteville St.			500
Commercial Bank Bldg., 20 E. Martin St.	Private		130
N.C. Bank & Trust Co., 239 Fayetteville St.			598
Professional Bldg., Cor. Hargett & McDowell Sts.			
Mansion Park Hotel, Cor. Blount & Edenton Sts.			
Sou. Bell Telephone Co., Cor. Morgan & McDowell Sts.			
	Total 23.		



General Recapitulation of Distribution System:

Mains: Cast Iron - 4 to 20-inches:

Owned by City -	422,169 Feet	=	79.95 Miles.
" " Institutions etc.	57,234 "	=	10.84 "
" " Sundry Parties -	22,690 "	=	4.30 "
<b>Total -</b>	<b>502,093 "</b>	<b>=</b>	<b>95.09 "</b>

Pipes: Galvanized Iron - 2-inch:

Owned by City -	79,745 "	=	15.10 "
" " Sundry Parties -	27,358 "	=	5.18 "
<b>Total -</b>	<b>107,103 "</b>	<b>=</b>	<b>20.28 "</b>

**Grand Total - 609,196 " = 115.37 "**

Valves:

Owned by City -	4 to 20-inch	-	734
" " Sundry Parties -	4 to 8-	"	116
" " City -	2- inch	-	115
" " Sundry Parties -	2- "	-	21
<b>Total -</b>			<b>1,016</b>

Hydrants:

Public Fire Protection -	555
Private " "	133
<b>Total -</b>	<b>688</b>

Private Fire Protection:

Sprinkler Systems -	12
" & Standpipes -	9
<b>Total -</b>	<b>23</b>

from water receiving heads; (b) detectors 27" dia. 44

Note: The above recapitulation was made on a total round  
 meters 2 1/2" to 4" are generally set at curb level or in  
 boxes; the larger sizes are set in manholes or in  
 concrete boxes.

Services.

Meters in Service June 1st, 1930.

8" Trident Protectus -		1.
6" " " "		1.
6" " Compound		1.
4" " Protectus -		1.
4" " Compound		14.
4" " Crest -		1.
3" " Compound		18.
2" " " "		32.
2" Crown -		1.
2" Hersey -	1- Ring Squeezer	1.
1 1/2" Trident Compound -	6- Steel Drill	54.
1" Trident -	5- Brushes	150.
3/4" " -	1- Brass Gun	138.
3/4" Lambert -		1.
5/8" Trident -		7,965.
5/8" Lambert -		10.
5/8" Crown -		4.
5/8" Keystone -		2.
	<b>Total -</b>	<b>8,395.</b>
Flat Rate Services -		376.
	<b>Total -</b>	<b>8,771.</b>

Note: The above tabulated list was made by actual count from meter reading books in Collectors Office.

Meters 5/8" to 1" are generally set at curb line in iron boxes; the larger sizes are set in basement to buildings or in concrete boxes.

*Change***Miscellaneous Equipment, Tools & Supplies:****Motor Equipment:**

Make	Reg. No.	Date	Use
Olds Sedan	754864A	May 1929	Supt.
Ford Coach	764169A	July 1929	Asst. Supt.
Ford Coupe	793114A	Dec. 1929	Engineer
Chevrolet Tour.	684292A	Aug. 1928	Coll. Dept.
Ford Touring	A1878724	July 1929	" "
Chevrolet Tour.	684038A	Aug. 1928	Plmb. Insp'
Nash 2 1/2 Ton Tr.	358329	1928	Heavy
Ford 1 1/2 " " "	578570A	Nov. 1928	General
" " " "	578569A	" "	"
Chevrolet 1 Ton Tr.	418047A	1928	"
Ford 1 Ton Tr.	358328	June 1925	Station

**Motor Tools:**

4- Pr. Pliers  
 18- Wrenches  
 2- Sets socket wrenches  
 7- Spanner wrenches  
 1- Creeper

1- Ring Squeezer  
 6- Steel drills  
 6- Punches  
 1- Grease Gun

**Old Equipment not in use:**

1- 8-inch Alberger Horizontal Centrifugal Pump directly connected to General Electric 20 H.P. 220 Volt, 3- phase, 60 cycles, Induction Motor. ( Pump formerly used for washing filters.)

1- Wilbraham-Green Blower, double geared and connected to Westinghouse 220 Volts, 60 cycle, 20 H.P. Induction Motor. (Formerly used in connection with washing filters.)

1- Worthington 6 x 12 gear driven pump.

2- Gould - Small centrifugal pumps - belt driven, fitted with suction pipes and foot valves.

These pumps were used during drought to pump water into intake line.

**General Shop - Equipment & Tools:**

1- Evenrude outboard motor	1- Schramm Gasoline Trench Pump
2- #3 Eason Hand Trench Pumps	2- Nauck Kerosene Furnaces
1- Nauck Ker. Blow Torch	2- Lead ladders

- 3- Lead Pots
- 1- #1 Mueller Tap Mac. 1 1/4 to 2"
- 1- #19 " " " for G.I.P.
- 12- Picks
- 6- Tampers
- 2- Rock hammers
- 3- Hatchets
- 12- Bits
- 3- Valve keys
- 6- Hydrant wrenches
- 2- Sets caulking tools
- 3- Rock chisels
- 12- Cold chisels
- 1- Set Smith tools (3)
- 1- Grind stone
- 1- Cross out saw
- 20 Pipe chains
- 24- Diamond point chisels
- 2- #2 Barnes pipe cutters
- 2- Hand saws
- 3- 36" Stillson wrenches
- 2- 18" " " "
- 2- 10" " " "
- 1- 18" Monkey wrench
- 3- Toledo stocks & dies
- 1- #2 Armstrong stock & dies
- 2- Claw hammers
- 1- Street broom
- 6- Pipe joint runners
- 1- One horse drag pan
- 1- Bench vise
- 1- Soldering iron
- 1- Search light
- 1- Buffalo Platform scales
- 1- Smith Tapping Mac. 2" to 6"
- 3- #2 Mueller " " 1/2 " 1"
- 1- #92 Champion Drill Press
- 12- Shovels
- 4- Sledge hammers
- 2- Axes
- 1- Brace
- 6- Digging bars
- 4- Curb cock keys
- 5- Caulking hammers
- 3- Rock drills
- 3- Asphalt chisels
- 1- Forge & anvil
- 4- Ball Pin hammers
- 1- Emery wheel
- 3- Hydrant chains
- 1- Chain block hoist & tripod
- 2- #5 Barnes pipe cutters
- 1- Breast drill
- 30 50 ft. tape lines
- 3- 24" Stillson wrenches
- 6- 14" " " "
- 6- 4 to 14" "S" "
- 3- Beaver stocks and dies
- 1- #3 Armstrong stocks & dies
- 1- #2 Pipe cutters
- 10- Lanterns
- 7- Pr. Rubber boots
- 1- Wheel barrow
- 4- Pipe vises
- 2- Pr. chain tongs
- 2- Pipe pushing machines
- 1- Foot adze

Supplies:

- 2- 2" Goosenecks and corporation cocks.
- 2- 1 1/2" " " " "
- 6- 1 1/4" " " " "
- 10- 1" " " " "
- 50- 3/4" " " " "
- 30- 5/8" " " " "
- 8- 1/2" " " " "
- 50- 1" Curb Cocks
- 14- 2 x 3/4" Service clamps
- Assorted lot of Galv. Iron pipe fittings.
- 36- Pigs lead
- 11- Bags lead wool





Tools at Pumping Station:

- |                                  |                                |
|----------------------------------|--------------------------------|
| 1- Comb. Vacuum & pressure gage. | 3- Sledge hammers              |
| 1- Rock hammer                   | 1- Brick hammer                |
| 2- Carpenters hammers            | 1- Machinist hammer            |
| 2- 24" Stillson wrenches         | 2- 36" Stillson wrenches       |
| 1- 18" " " "                     | 1- 12" " " "                   |
| 1- 8" " " "                      | 1- 6" " " "                    |
| 38- Asst. open end wrenches      | 18- Asst. socket wrenches      |
| 16- " " " "                      | 12- " pump "                   |
| 2- Small adjustable "            | 1- Adjustable tap wrench       |
| 2- " single end tap "            | 1- Chain tongs                 |
| 10- Packing hooks                | 1- Set of pipe taps 1/8" to 2" |
| 2- Sets Arm. Stocks & dies 1/2"  | 1- " (old) Arm. Stocks & dies  |
| 1- Ratchet drill                 | 1- Wall drill press            |
| 40- Asst. twisted drills         | 5- Sets Mch. hand taps         |
| 1- Anvil                         | 4- Wheel barrows               |
| 2- Bench vises                   | 1- Grind stone                 |
| 2- Pipe " "                      | 1- Set condenser tube tools    |
| 2- Work benches                  | 1- Iron plane                  |
| 1- Brace                         | 1- Furnace hoe                 |
| 1- Bung hole reamer              | 1- " hook                      |
| 1- Drawing knife                 | 1- Flue blower                 |
| 1- Tool grinder                  | 1- Pipe cutter                 |
| 1- 2 ft. Tee Square              | 1- Blow torch                  |
| 3- Screw drivers                 | 1- Melting pot                 |
| 2- Wood chisels                  | 2- 24" Screw jacks             |
| 1- Pr. tin shears                | 2- Steel bars                  |
| 6- Wood bits                     | 2- Picks                       |
| 2- Spirit levels                 | 4- Short handle shovels        |
| 2- Counter sinks                 | 1- Long " spade                |
| 15- Assorted files               | 2- " " shovels                 |
| 1- Tool griner                   | 3- Small grass blades          |
| 1- Oil stove                     | 1- Sythe                       |
| 1- Packing cutter                | 2- Rakes                       |
| 7- Asst. flue reamers            | 2- Potato hoes                 |
| 1- Pipe burr reamer              | 2- Street brooms               |
| 1- Back saw frame                | 5- White wash brushes          |
| 7- Star drills                   | 2- Hedge clippers              |
| 2- Pr. pliers                    | 1- Crank hedge clipper         |
| 2- Hand scrapers                 | 1- Flower trowel               |
| 1- Button set                    | 1- Mason "                     |
| 12- Hand cold chisels            | 1- Hand lawn mower             |
| 4- " " cleavers                  | 1- Gasoline lawn mower         |
| 3- Soldering irons               | 4- Hand lanterns               |
| 2- Glass tube cutters            | 2- Spray pumps                 |
| 1- 4" Adj. squares               | 1- Sprinkler pot               |
| 1- Pr. callipers                 | 1- Extension ladder            |
| 1- Hand saw                      | 1- Step ladder                 |
| 1- Key hole saw                  | 1- Pipe bender                 |
| 1- Shoe knife                    | 1- Stack rigging               |

- 1- Putty knife
- 3- Lift chains
- 5- 2 Shieve wood blocks
- 3- Brooms
- 2- Hand oil cans
- 1- 1/2 Gal. cup
- 2- Coal scuttles
- 300- Ft. 2" wash & fire hose
- 2- Thickness gauges
- 1- Platform scales
- 1- Oil breaker stick & porcelains.
- 1- 1 Ton chain hoist
- 3- Hay forks
- 2- 3 Shieve wood blocks
- 3- 5 Gal. oil cans
- 2- Quart cups
- 1- Long spout oil can
- 150 Ft. sprinkler hose
- 200 Ft. 2 1/2" fire hose
- 3- Valve seat reamers
- 50 Ft. 1" manilla rope

Supplies at Pumping Station:

- 1- Set Motor carbon brushes
- 16- Control fingers
- 14- " plates
- 1- Setspaces for c.f.
- 48- Control finger springs
- 12- " " washers
- 1- " brass guide brace
- 12- 2" Flues for #1 Boiler
- 1- Furnace lining
- 14- Hand hole gaskets
- 4- Man " "
- 16- Worthington Vac. val.seats
- 12- McGowan vacuum valve "
- 150- " backing valve plates
- 12- " piston head con.
- 11- " vac. valve casting
- 150- " water valve springs
- 130- " " plates
- 150- " " stems
- 16- " " seats
- 115- Prescott " " springs
- 18- " " stud nuts
- 13- " " seats
- 19- " " castings
- 12- " wrist pins
- 15- Worthington water val.seats
- 110- " " stems
- 18- " vacuum stems
- 6- H.P. dash pot plates
- 4- L.P. " " "
- 200- Condenser tube gaskets
- 1- Set Prescott H.P. Cyl. pkg.
- 1- " " L.P. " "
- 8- Copper steam line gaskets
- 118 Lbs. water & steam packing
- 12 Lbs. sheet packing
- 1- Lb. 1/2" Tucks packing
- 3- Balls rope asbestos
- 1- Pkg. wire lacing
- 50- 5/16" hex nuts
- 24- 5/16 x 3" cap screws
- 125- Assorted pipe fittings
- 100- " cotter pins
- 3-Lbs. 3/8" iron rivets
- 4- 2" lead lined elbows
- 2- 2" " tees
- 2- 4" " "
- 12- Water glass tubes
- 11- " chambers
- 50- Lbs. White waste
- 48- Fuse plugs
- 12- Cartons 50 W. electric bulbs
- 48- Worthington water valves
- 120- " " springs
- 8- " vacuum valves

Coal, Oil & Chemicals:

- 25- Tons Coal ( Estimated)
- 40- Gallons D.T.E. light machine oil.
- 25- " " medium heavy machine oil.
- 20- " Motor oil.
- 36- " Kerosene oil.

- 1- Barrel 600 W. valve oil.
- 25- Gallons D.T.E. light engine oil (Rand's Mill)
- 25- " " medium heavy " " "
- 25- lbs. cup grease
- 300- Bags ground filter alum
- 350- " hydrated lime
- 3- Cylinders chlorine

Furnishings:

- |                           |                      |
|---------------------------|----------------------|
| 1- Office desk            | 2- Office chairs     |
| 1- Small Table            | 1- Tool box          |
| 1- Enameled water pitcher | 1- Red Cross outfit  |
| 6- Door mats              | 5- Rubber mats       |
| 2- Water coolers          | 1- No. 118 Rex stove |
|                           | 1- No. 200 Red Stove |
|                           | 1- #16 " "           |
|                           | 1- #24 I.K. " "      |

Impounding Reservoirs - Tools etc.

Lake Raleigh:

- 1- Horse
- 1- Saddle
- 1- Buggy & harness
- 1- Wagon & harness
- 1- Horse mowing machine
- 1- Lawn Mower
- 1- Drag pan
- 1- Shovel
- 1- Pitchfork
- 1- Grubbing hoe
- 2- Weeding hoes
- 1- Pr. hedge snips
- 1- Plow
- 1- Axe
- 1- Grass blade
- 1- Hand sickle
- 1- Step ladder
- 1- Wheelbarrow

Lake Johnson:

- 1- Boat & paddle
- 1- Axe
- 1- Grubbing hoe
- 1- Weeding hoe
- 1- Rake
- 1- Pitchfork
- 1- Grass blade
- 1- Pr. hedge snips
- 1- Hand sickle
- 1- Hand saw
- 1- Hammer
- 1- Lantern



Valves, Hydrants, Pipe & Specials - in stock.

Valves:

- 1- 24" Chapman - B.C. with 4" by-pass - new
- 1- 20" " Gate "
- 1- 16" " " "
- 1- 16" " " old
- 1- 16" Rensselaer - B.C. with 4" by-pass - new
- 1- 14" " Gate "
- 1- 14" Chapman - light gate - "
- 1- 12" " " old
- 1- 12" Rensselaer - List 13 - "
- 1- 10" Columbian - light gate - new
- 4- 8" Rensselaer - List 13 "
- 1- 8" Columbian - gate - old
- 8- 6" Rensselaer - List 13 2- "
- 5- 4" " " " 1- "
- 2- 6" " Tapping valves - "
- 1- 2" " " "
- 2- 6 x 6 " sleeves - 1- 16" x 4" Res. Tap. Sl.
- 19- Cast iron valve boxes 1- 6" x 2" " "

Hydrants:

- 9- Mathews 4 1/2" Bble. noz. (new)
- 6- " " " " (old)
- 21- Hydrant frost sleeves
- 24- " 6" boots
- 24- Main gaskets
- 1- " valve leather
- 12- Nozzle caps
- 4- Steamer nozzle caps
- 12- hydrant stems
- 6- Columbian valve leathers

C.I. Pipe:

- 3- Lengths 30" Class "A" - good
- 1- " " " " - cracked
- 1- Piece - " " " 9' - bell
- 2- Lengths 24" " " - good
- 9- Pieces 24" " "A" & "B" - 46' - B. & S.
- 8- Lengths 20" " "C" - 1- cracked
- 1- " 18" " "A" - good
- 1- Piece 18" " " " 5' - bell
- 1- Length - 16" " " " " "
- 2- Lengths 14" " "D" - good
- 1- " 14" " "A" - "
- 2- Pieces 14" " "D" - 17 1/2' S.
- 2- " 14" " "A" - 14' S.
- 10- Lengths 12" " "C" - good
- 2- " 12" " "A" - "

22- Pieces 12" Class "C" - 8' - B. & S.  
 3- " 12" " "A" - 18'  
 11- Lengths 10" " "C" - good  
 18- " 10" " "A" - "  
 135- " 8" " "C" - "  
 24- " 8" " " - old  
 137- " 6" " " - new  
 120- Feet 6" " " - old  
 12- Lengths 4" " " - new  
 120- Feet 4" " " - old

6.10 Pipe:

850- Feet 2" Byers  
 450- " 1 1/2" "  
 200- " 1" "  
 150- " 3" Steel

Special Castings:  
Crosses:

1- 16" x 10" B & S  
 1- 12" x 10" All bell  
 2- 18" x 8" " "  
 1- 12" x 6" B & S  
 2- 10" x 8" B & S  
 1- 10" x 6" B & S  
 2- 8" x 6" All bell  
 1- 8" x 6" B & S  
 2- 8" All bell  
 12- 6" " "  
 12- 6" B & S  
 1- 6" x 4" B & S  
 2- 4" x 4" All bell

Tees:

1- 20" All bell  
 1- 16" " "  
 1- 16" x 8" B & S  
 1- 14" All bell  
 1- 14" x 10" B & S  
 1- 14" x 4" B & S  
 3- 12" B & S ( light )  
 2- 12" x 10" B & S  
 2- 12" x 8" All bell  
 1- 12" x 6" " "  
 1- 12" x 6" B & S  
 1- 10" x 12" x 10" - B & S  
 2- 10" B & S  
 1- 10" All bell  
 3- 10" x 8" B & S  
 1- 10" x 8" All bell

1- 10" x 6" B & S  
 3- 8" All bell  
 1- 8" B & S - light  
 1- 8" x 6" All bell  
 6- 6" B & S  
 1- 6" x 4" B & S  
 3- 4" All bell

Bends:

- 3- 20" - 1/8
- 1- 20" - 1/4
- 1- 20" - 1/8
- 2- 20" - 1/16
- 1- 16" - 1/4
- 1- 14" - 1/4
- 5- 12" - 1/4
- 1- 12" - 1/8
- 4- 10" - 1/8
- 2- 10" - 1/4
- 6- 8" - 1/4
- 3- 8" - 1/8
- 2- 8" - 1/16
- 2- 6" - 1/4
- 7- 6" - 1/8
- 2- 4" - 1/4
- 2- 4" - 1/8
- 2- 4" - 1/16

Reducers:

- 1- 20" x 12"
- 1- 16" x 14"
- 1- 16" x 10"
- 3- 10" x 6"
- 2- 8" x 8"
- 1- 6" x 4"
- 1- 6" x 2"
- 2- 4" x 2"

Plugs:

- 2- 12"
- 1- 10"
- 7- 8"
- 4- 6"
- 4- 4"

Caps:

- 1- 20"
- 2- 16"

Offsets:

- 1- 8" B & S

Y Branches:

- 1- 24" x 20" All bell
- 1- 10" x 8" B & S
- 1- 8" B & S

Increasers:

- 1- 14" x 10"

Sleeves:

- 2- 30"
- 3- 24"
- 3- 20"
- 4- 16"
- 9- 14"
- 3- 12"
- 4- 10"
- 3- 8"
- 5- 6"
- 2- 4"

Split Sleeves:

- 1- 20"
- 1- 16"
- 4- 12"
- 1- 6"
- 2- 4"

Office Fixtures etc:

Collectors Office:

- 1- Cash register
- 1- Dalton Adding Machine
- 1- Underwood Typewriter
- 2- Elliot-Fisher billing machines
- 1- Addressograph machine
- 1- Graphotype Machine
- 2- Cabinets- 60 trays address plates
- 2- Steel bill cabinets
- 1- Steel 4-drawer letter cabinet
- 2- Steel filing cabinets for meter records
- 1- Large steel tub desk
- 1- Large iron safe
- 1- Set of water keys
- 1- Pick
- 1- Shovel

Superintendents Office:

- 1- Roll top oak desk
- 1- " " walnut desk
- 1- Flat top desk
- 1- Typewriter desk
- 3- Revolving desk chairs
- 4- Office chairs
- 1- Underwood Typewriter
- 1- Burroughs Adding Machine
- 1- Iron safe
- 1- Filing and book case
- 15- Units- metal filing cases
- 1- Metal map filing case
- 1- Metal supply cabinet
- 2- Radiant fire gas heaters
- 1- First aid cabinet
- 1- Large drawing table
- 1- Adjustable " "
- 1- Stool
- 1- Water cooler
- 1- Bristol recording gauge
- 1- Ashcroft pressure gauge
- 1- Electric leak tester
- 1- Electric fan
- 1- Small coal stove

June 1st, 1930.

The foregoing Inventory of all the properties, equipment, tools and supplies, owned by the City of Raleigh- Water Department, is true and correct to the best of my knowledge and belief.

*E. H. Bain*  
Superintendent.



