STORM WATER SEWER IMPROVEMENTS TO SERVE

NEWMAN UNIVERSITY

Private Project Number

806 PPS (607861)

CITY OF WICHITA, KANSAS

Michael E. Lindebak, P.E. City Engineer

GENERAL NOTES:

1. Contractor will be required to provide notice to utility companies a minimum of twenty-four (24) hours prior to any excavation, as follows:

Kansas One-Call	687-2470

The Contractor must notify the following in case of an emergency:

Cablevision	262-4270
or	263-2061
K.P.L. Gas Service Company	263-7511
Kansas Gas & Electric Company	264-1141
Arkla Gas Company	942-8350
or	263-8161
Southwestern Bell Telephone Company	1-571-2611
City of Wichita Water Department	268-4908
City of Wichita Sewer Maintenance	268-4071

2. Underground utility service lines and overhead utility pole lines are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor or unless the plans specifically identify a utility to be adjusted by its owner during construction. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. The Contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.

3. The Contractor shall be responsible for preserving property irons. The Contractor will be required to re-establish any property irons which are damaged or destroyed by his construction operations. Such irons shall be re-established by a licensed land surveyor in accordance with state laws.

4. All areas disturbed by construction operations shall by seeded with rye grass at a rate of 300 lbs/acre immediately following construction in that area. Ground shall be prepared per City of Wichita specifications prior to seeding.

5. Trees and shrubs in public right-of-way which are in direct conflict with proposed new construction shall be removed by the Contractor with the Engineer's approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage.

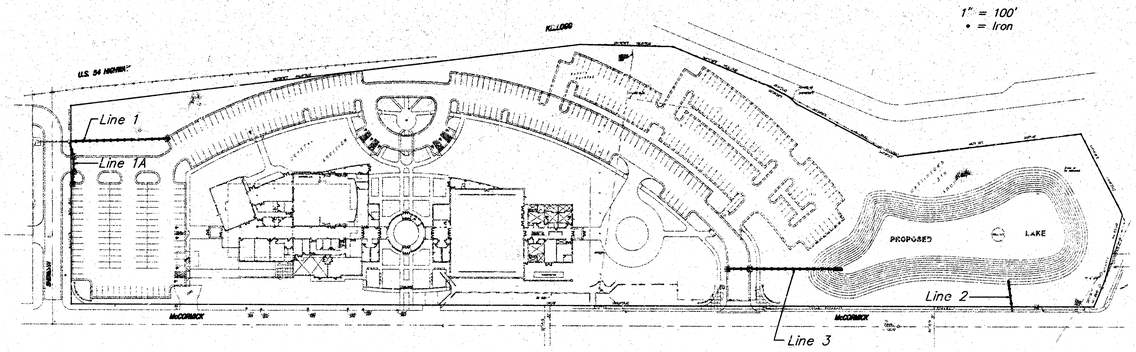
6. The Contractor shall give all property owners and/or tenants of developed property abutting the construction of this project a minimum of ten (10) days advance notice prior to start of construction.

7. Rubble from the removal of miscellaneous structures and excess excavation which is to be wasted shall be disposed of on sites to be provided by the Contractor. These sites shall be approved by the engineer as to suitability, appearance and site location. Locations that, in the opinion of the Engineer, will leave an unsightly appearance will not be approved.

8. Prior to bid preparation, it will be the Contractor's responsibility to field check the project area to determine the extent of Site Clearing and Restoration to be performed.

9. Contractor shall not start work on the project until the project inspector is assigned to the project and is present on the site. Any work done without inspection will be required to be uncovered for inspection.

SCALE:
1" = 100'
• = Iron



NEWMAN UNIVERSITY STORM SEWER IMPROVEMENT AREAS

BENCHMARK:

BM #1
City of Wichita Brass Disc, Top of Curb at Southeast Corner of Sheridan & McCormick.
Elevation: 111.46 City Datum

BM #2
Located approx. 345' L.F. west of K-42 and McCormick intersection. Elevation is the top of pipe in thimble.
Elevation: 109.50 City Datum

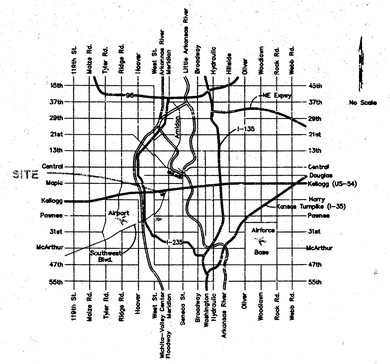
INDEX:

1	Title Sheet
2	Line 1 and 1A
3	Line 2 and 3
4	Special Curb Inlet w/ Straw Bale Barrier
5	Copy of Plat

APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA
Storm Sewers VRH 6/29/98

NOTE TO CONTRACTORS

Inspection and testing for this project is to be provided by a Licensed Consulting Engineering Firm under contract with the Owner/Developer. Said Inspection to be in accordance with the City of Wichita standard construction engineering practices and certified by a Licensed Professional Engineer. No work shall be performed in dedicated easements or public right-of-way by the Contractor without such inspection nor shall any work be commenced without written authorization by the City Engineer. All Construction and Materials shall comply with the City of Wichita Specifications and Standards (on file and available in the City Engineer's Office).



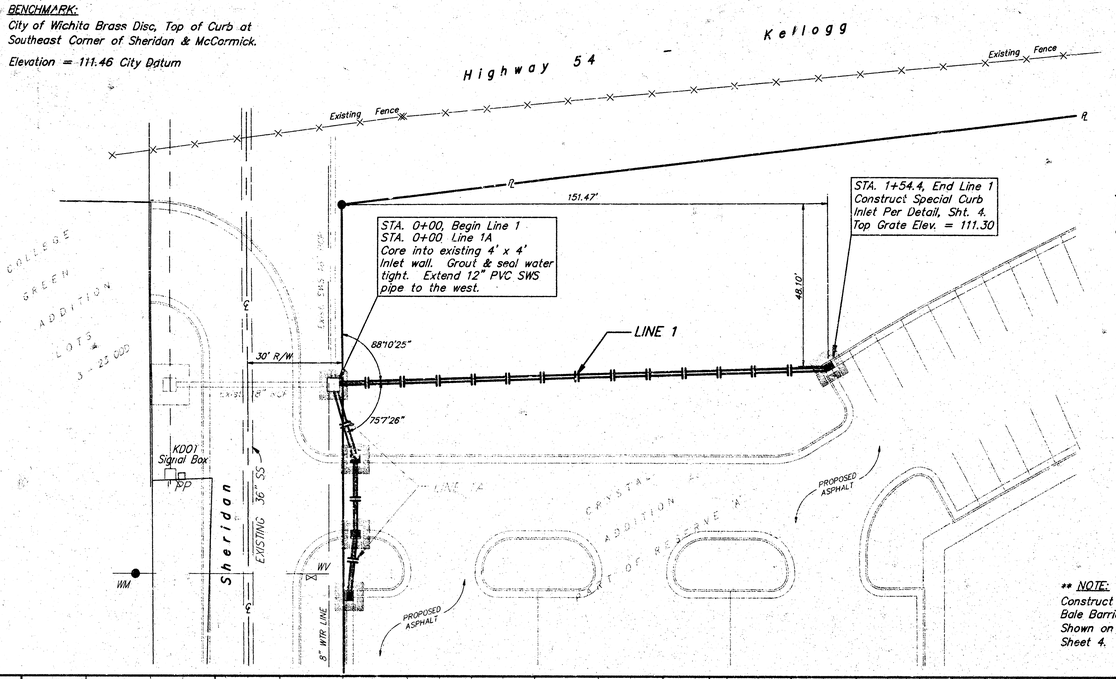
SWS.1

July 1, 1998

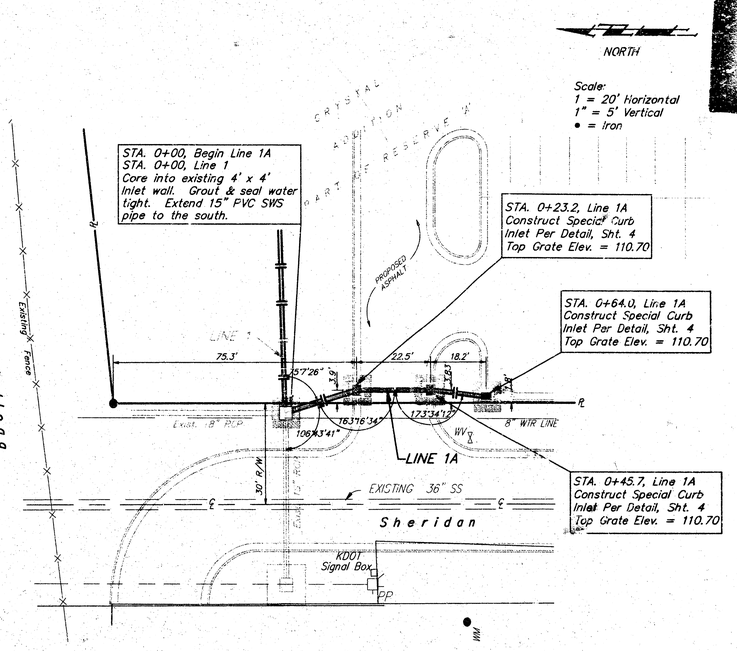
BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS

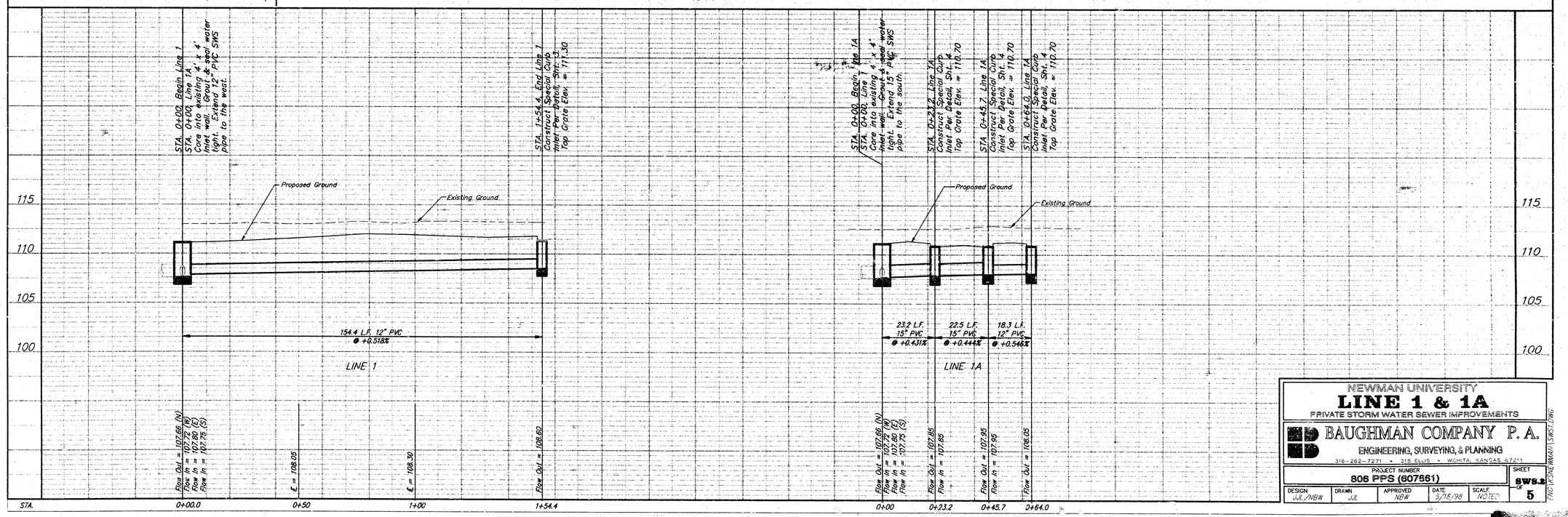
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** NOTE:
Construct Erosion Control Straw Bale Barrier around Each Inlet Shown on Plan (Typ.). See Detail, Sheet 4.





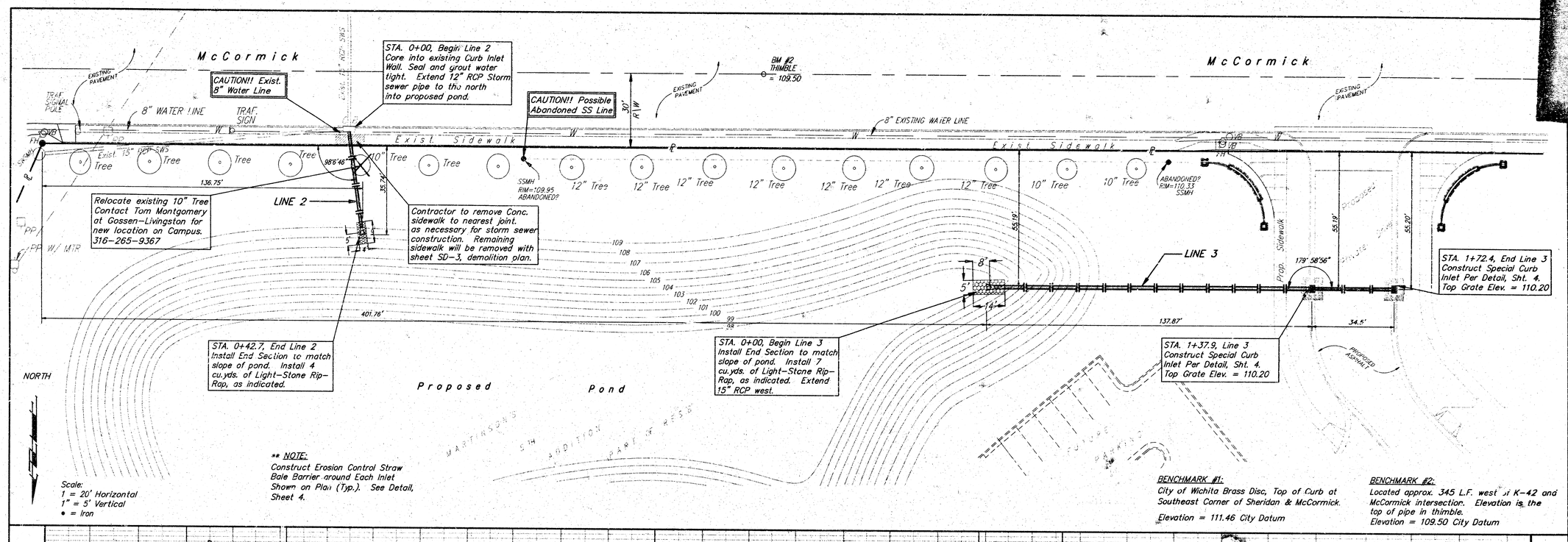
NEWMAN UNIVERSITY
LINE 1 & 1A
PRIVATE STORM WATER SEWER IMPROVEMENTS

BAUGHMAN COMPANY P. A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER	SHEET
806 PPS (807961)	SWS-2 of 5

DESIGN	DRAWN	APPROVED	DATE	SCALE
JJL/NBW	JJL	NBW	9/16/98	NOTED

ENG\PSNEWMAN1\SWST.DWG

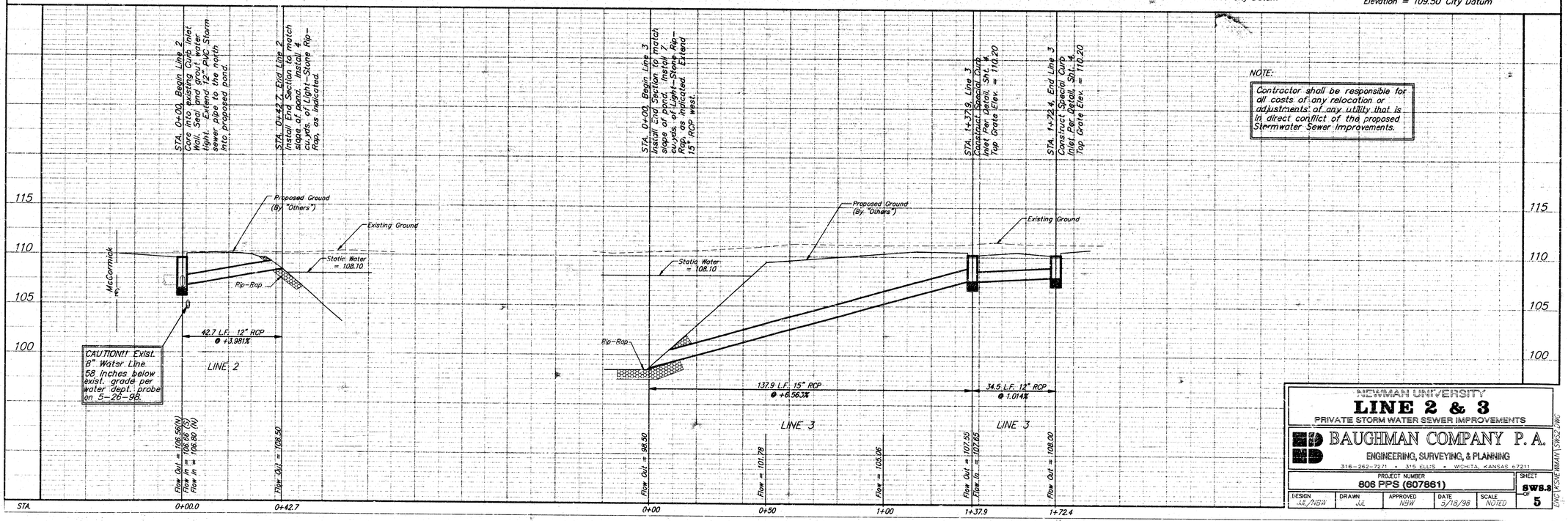


Scale:
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Located approx. 345 L.F. west of K-42 and McCormick intersection. Elevation is the top of pipe in thimble.
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NOTE:
Contractor shall be responsible for all costs of any relocation or adjustments of any utility that is in direct conflict of the proposed Stormwater Sewer Improvements.

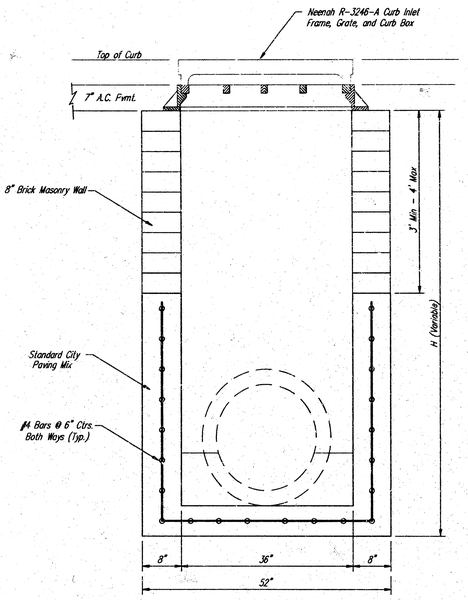
MIDWESTERN UNIVERSITY
LINE 2 & 3
PRIVATE STORM WATER SEWER IMPROVEMENTS

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

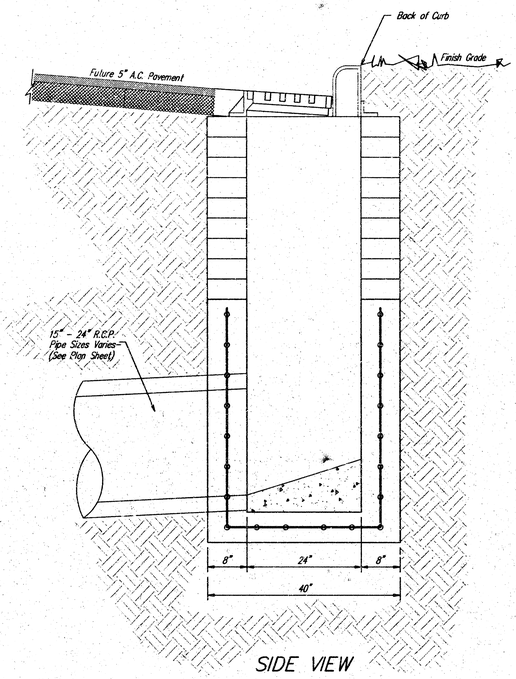
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SHEET: sw8.5 OF 5

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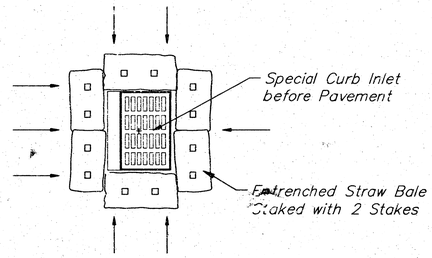
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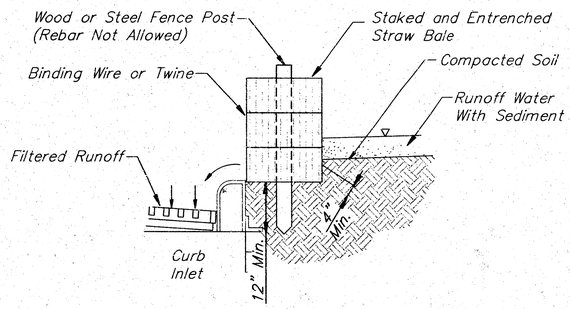


FRONT VIEW



SIDE VIEW





TYP. STRAW BALE BARRIER DETAIL

Note: Straw Bale Barriers to be Paid per Each as Inlet Sediment Barriers.

GENERAL NOTES:

Contractor shall have the option of constructing 8" brick masonry walls between the concrete inlet base and frame on this inlet when the height (H) is 7 feet or less.

The inlet invert shall be shaped with 8 sack sand mix concrete to create flow channels and to increase the hydraulic efficiency such that the inlet shall be self cleaning between all inlet and/or outlet pipes.

The end of all pipes installed in this inlet shall be cut off flush with the inside face of the inlet wall.

NEWMAN UNIVERSITY

SPECIAL CURB INLET

WITH STRAW SEDIMENT BARRIER DETAIL

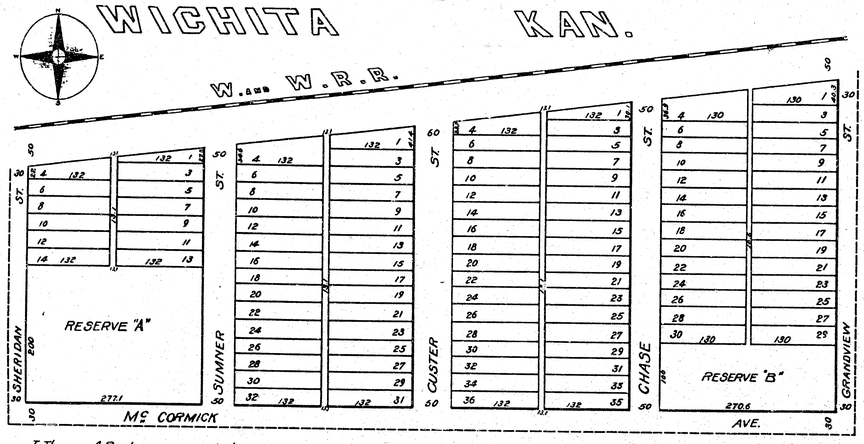
BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-1271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER	SHEET
806 PP3 (607861)	SW8.4 OF 5

DESIGN	DRAWN	APPROVED	DATE	SCALE
BC	BC	NRW	5-18-98	NONE

I:\CAD\NEWMAN\SW8.4.DWG

CRYSTAL ADDITION TO WICHITA KAN.



I, Thomas A Bayley, a surveyor in the city of Wichita Kansas do hereby certify that I have surveyed and platted into 258 lots Stewarts 2nd Subdivision in north East ¼ Sec. 25 T. 27 S. R1 West of which this map is a correct exhibit and described as follows to wit Beginning at the S.W. cor. of the N.E. ¼ of Sec. 25 T. 27 S. R1 West. Thence East 1321.9 feet. Thence N 524.6 feet. Thence S. of west with the south boundry of the Right of way of the W.K.W.R.R. 1331 feet to a point due north from the beginning. Thence south 574 feet to the beginning.
Thos. A Bayley.

All Lots as shown by this map are 25 x 132 feet except in the east block facing on Chase & Grandview Streets which are 25 x 130 feet, and all those adjoining the right of way of the Wichita & Western Rail Road, which are fractional as shown. The Streets & Alleys are of width indicated by figures on this map.

State of Kansas
County of Sedgwick } ss.

Know all men by these presents that S.I. Heller a single man and Frank H. Shambaugh, a single man, have caused the land described in the surveyors certificate above to be surveyed and platted as shown by this map. The lots as shown are intended for sale. The streets and alleys as shown are hereby dedicated to and for the use of the public.

S.I. Heller.
Frank H. Shambaugh.

State of Kansas } ss.
County of Sedgwick }

Before me a Notary Public for and in said state and county came S.I. Heller a single man & Frank H. Shambaugh a single man who are personally known by me to be the same parties whose names appear above, and acknowledge the same to be their own free act and deed and for the purposes therein set forth.
Acknowledged before me this 21 day of April 1887.

Geo. A. Bayley
Notary Public.

Term expires May 19th 1890.

NOTARY PUBLIC SEDGWICK COUNTY KANSAS

FILED 25th APRIL 1887 AND RECORDED IN PLAT BOOK 0 PAGE 21.
H.D. HEISERMAN REGISTER OF DEEDS
GEO F. BEARSE DEPUTY.

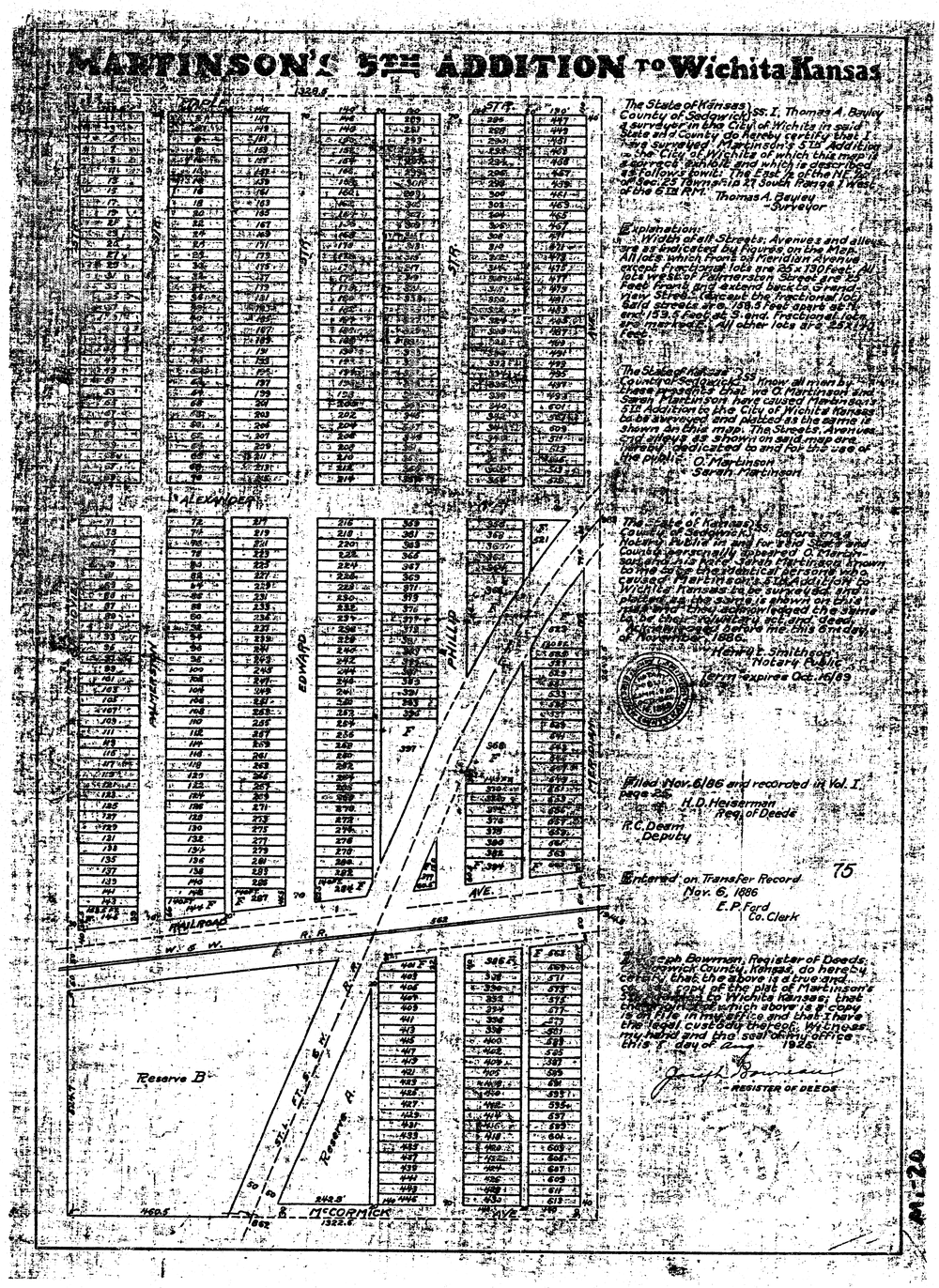
ENTERED ON TRANSFER RECORD APR 25 1887
E. P. FORD
CO. CLERK.

I, Joseph Bowman, Register of Deeds of Sedgwick County Kansas do hereby certify that the above is a true and correct copy of the plat of Crystal Addition to Wichita Kansas, that the original, of which above is a copy, is on file in my office and that I have the legal custody thereof. Witness my hand and the seal of my office this 2nd day of Nov. 1911.

Joseph Bowman
Register of Deeds.

C. 2285

MARTINSON'S 5TH ADDITION TO Wichita Kansas



The State of Kansas } ss. I, Thomas A. Bayley
County of Sedgwick } a surveyor in the City of Wichita in said State and County do hereby certify that I have surveyed Martinson's 5TH Addition in the City of Wichita of which this map is a correct plat and which is described as follows to wit: The East ½ of the NE ¼ of Sec. 25 Township 27 South Range 1 West of the 6th P.M.
Thomas A. Bayley
Surveyor

Explanation. Width of all Streets, Avenues and alleys are as indicated by figures on the Map. All lots which front on Meridian Avenue except fractional lots are 24 x 130 Feet. All lots west of Palmersbon Street are 25 Feet front and extend back to Grandview Street. Except the fractional lots. Said streets are 60, 58.5 Feet wide and 153.5 Feet at S. end. Fractional lots are marked. All other lots are 25 x 132 Feet.

The State of Kansas } ss. Know all men by
County of Sedgwick } these presents that we O. Martinson and Sarah Martinson have caused Martinson's 5TH Addition to the City of Wichita Kansas to be surveyed and platted as the same is shown on this map. The Streets, Avenues and alleys as shown on said map are hereby dedicated to and for the use of the public.
O. Martinson
Sarah Martinson

The State of Kansas } ss. Before me a
County of Sedgwick } Notary Public in and for the State and County personally appeared O. Martinson and his wife Sarah Martinson known to me to be the same who executed the foregoing instrument and duly acknowledged the same.
Witness my hand and official seal this 6th day of November A.D. 1886.
Henry E. Smith
Notary Public
Term expires Oct. 16th 1889

Filed Nov. 6/86 and recorded in Vol. I. page 26.
H.D. Heiserman
Reg. of Deeds
R.C. Dearin
Deputy

Entered on Transfer Record 75
Nov. 6, 1886
E.P. Ford
Co. Clerk

I, Joseph Bowman, Register of Deeds, Sedgwick County, Kansas, do hereby certify, that the above is a true and correct copy of the plat of Martinson's 5th Addition to Wichita Kansas; that the original of which above is a copy is on file in my office and that I have the legal custody thereof. Witness my hand and the seal of my office this 1st day of Aug. 1925.
Joseph Bowman
REGISTER OF DEEDS

M1-20

SWS.5

STORM WATER SEWER IMPROVEMENTS TO SERVE

NEWMAN UNIVERSITY

Private Project Number

806 PPS (607861)

CITY OF WICHITA, KANSAS

Michael E. Lindebak, P.E. City Engineer

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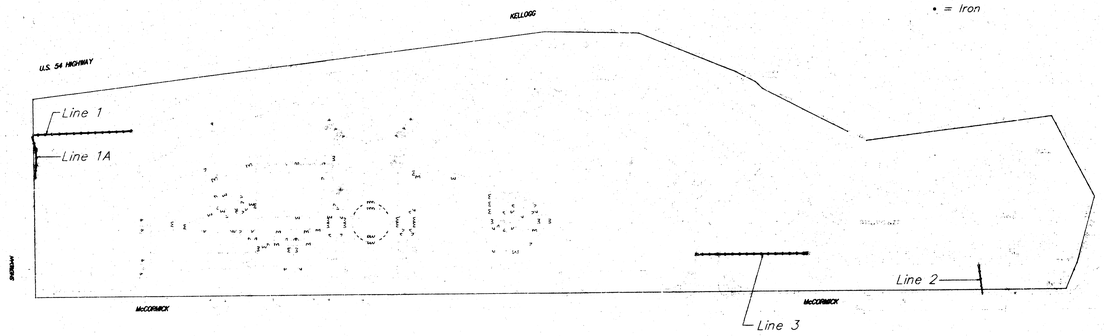
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NEWMAN UNIVERSITY STORM SEWER IMPROVEMENT AREAS

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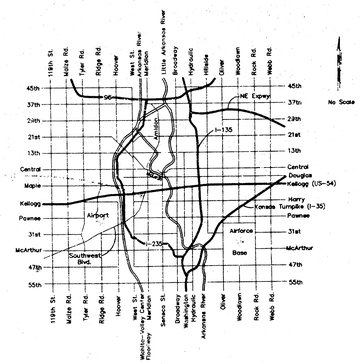
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APPROVED AS NOTED
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Storm Sewers VRH 6/29/98

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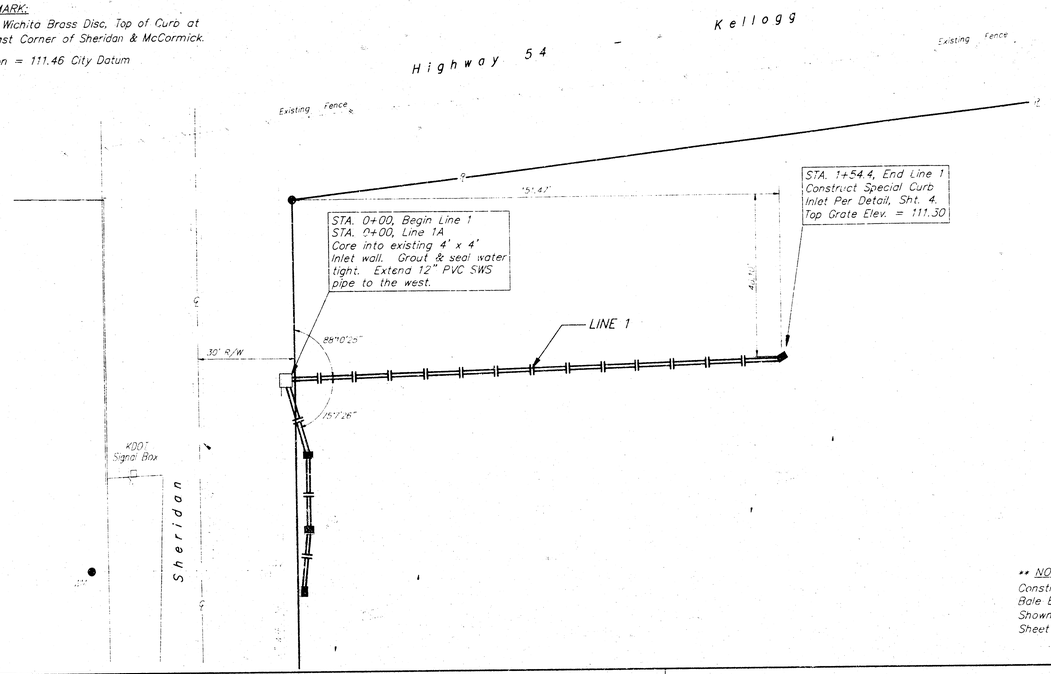


SWS.1

July 1, 1998

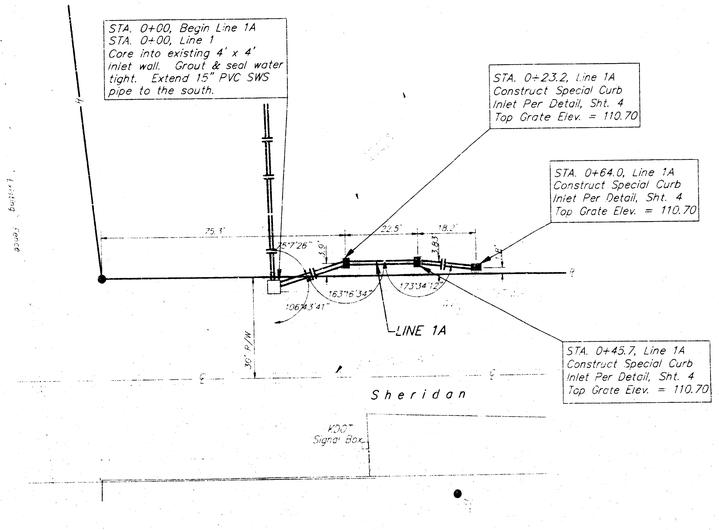
BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

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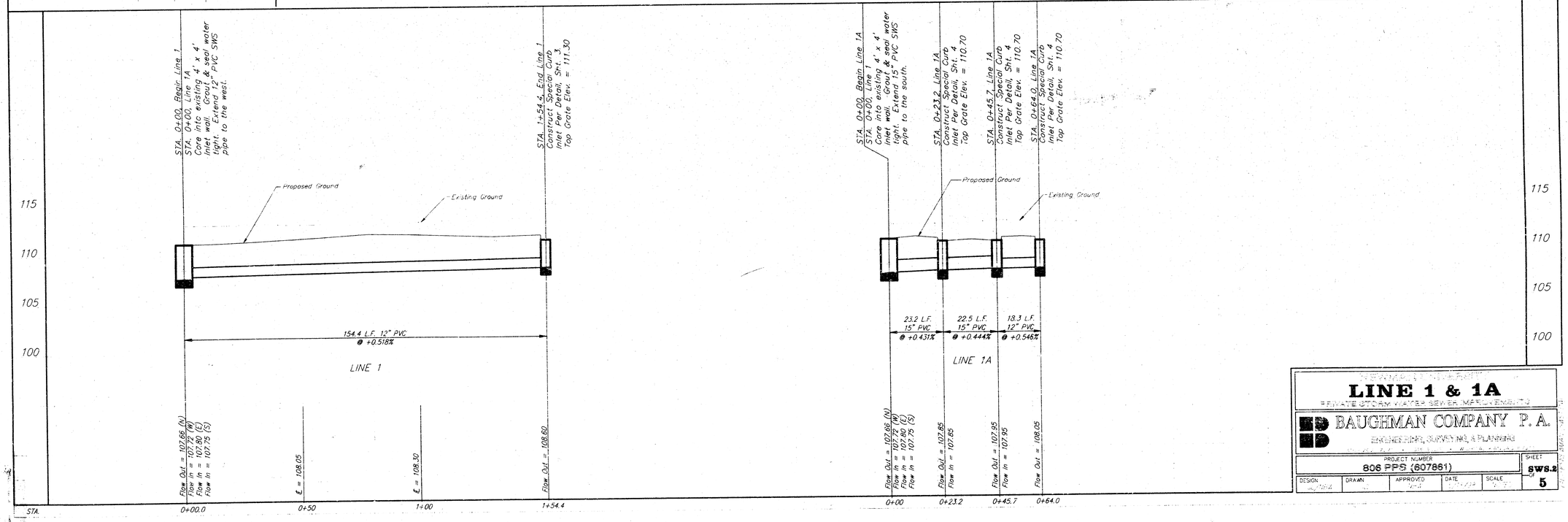
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Construct Erosion Control Straw Bale Barrier around Each Inlet Shown on Plan (Typ.). See Detail, Sheet 4.



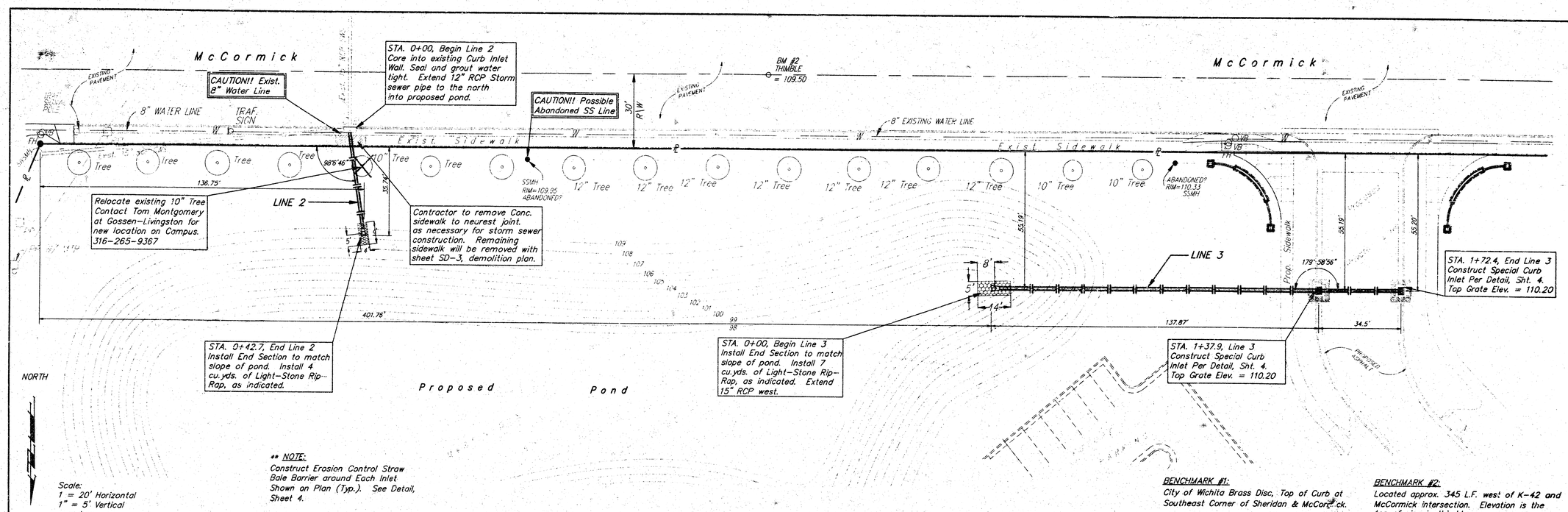
LINE 1 & 1A

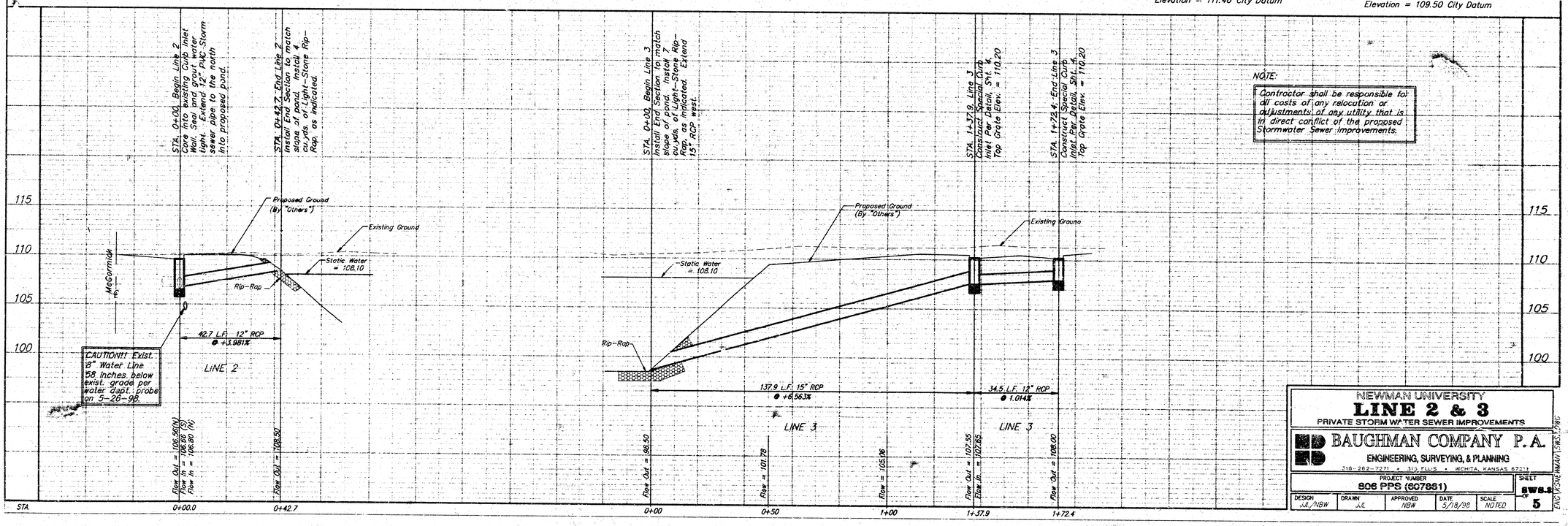
PRIVATE STORM WATER SEWER IMPROVEMENTS

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING

PROJECT NUMBER	SHEET
806 PPS (607861)	SW8.2 OF 5

DESIGN	DRAWN	APPROVED	DATE	SCALE





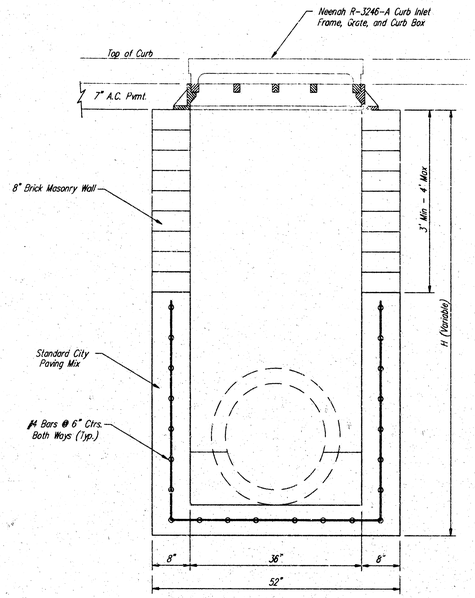
NEWMAN UNIVERSITY
LINE 2 & 3
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ENGINEERING, SURVEYING, & PLANNING
318-262-7271 • 313 FILLS • WICHITA, KANSAS 67213

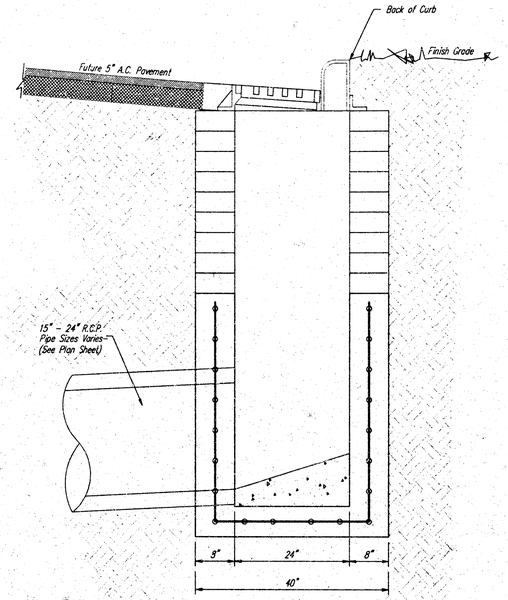
PROJECT NUMBER	SHEET
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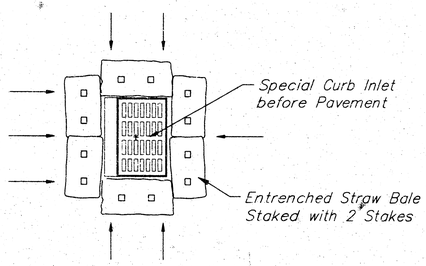
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ENG\ NEWMAN\ LINE2-3.DWG

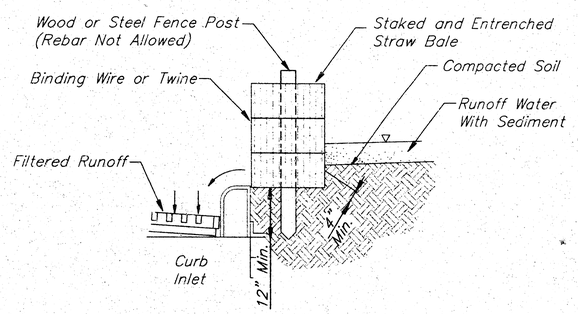


FRONT VIEW



SIDE VIEW





TYP. STRAW BALE BARRIER DETAIL

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NEWMAN UNIVERSITY

SPECIAL CURB INLET

WITH STRAW SEDIMENT BARRIER DETAIL

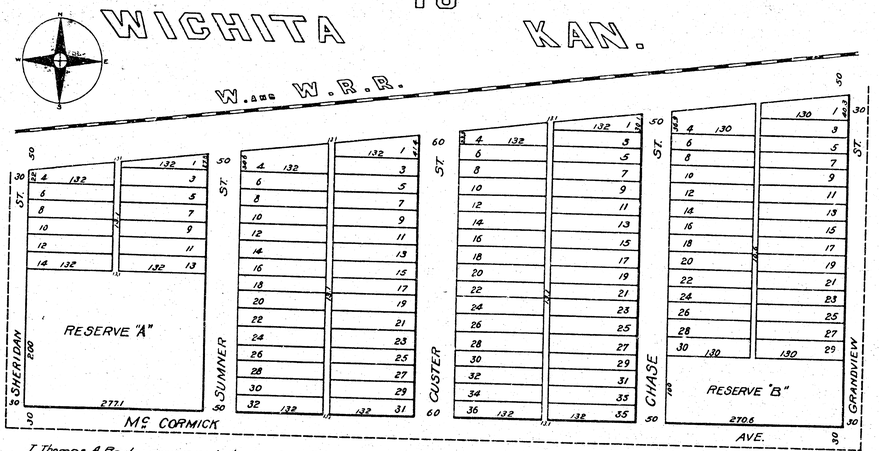
BAUGHMAN COMPANY P. A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER	SHEET
806 PPS (607861)	SWB-4 OF 5

DESIGN	DRAWN	APPROVED	DATE	SCALE
BC	BC	NBW	5-18-98	NONE

ENG\PSNEWMAN\CBINLET

CRYSTAL ADDITION TO WICHITA KAN.



I, Thomas A. Bayley, a surveyor in the city of Wichita Kansas do hereby certify that I have surveyed and platted into 258 lots Stewarts 2nd Subdivision in north East ¼ Sec. 25, T 27 S. R1 west of which this map is a correct exhibit and described as follows to wit Beginning at the S.W. cor of the N.E ¼ of Sec. 25 T. 27 S. R 1 West. Thence east 1321.9 feet. Thence N 5°24.8 feet. Thence W. at west with the south boundary of the Right of way of the W. & W. R.R. 1331 feet to a point due north from the beginning. Thence south 31.4 feet to the beginning.

Thos. A. Bayley.

All Lots as shown by this map are 25 x 132 feet except in the east block facing on Chase & Grandview Streets which are 25 x 130 feet. and all those adjoining the right of way of the Wichita & Western Rail Road, which are fractional as shown. The Sewers & Alleys are of width indicated by figures on this map.

State of Kansas
County of Sedgwick } ss.

Know all men by these presents that S.I. Heller a single man and Frank H. Shambaugh, a single man, have caused the land described in the surveyors certificate above to be surveyed and platted as shown by this map. The lots as shown are intended for sale. The streets and alleys as shown are hereby dedicated to and for the use of the public.

S.I. Heller.
Frank H. Shambaugh

State of Kansas
County of Sedgwick } ss.

Before me a Notary Public for and in said state and county came S.I. Heller a single man & Frank H. Shambaugh a single man who are personally known by me to be the same parties whose names appear above, and acknowledge the same to be their own free act and deed and for the purposes therein set forth Acknowledged before me this 21 day of April 1887.

Term expires May 19th 1890.

Geo. A. Bayley
Notary Public.

NOTARY PUBLIC

FILED 25th APRIL 1887 AND RECORDED IN PLAT BOOK 0 PAGE 71.
H.D. HEISERMAN REGISTER OF DEEDS
GEO F BEARSE DEPUTY

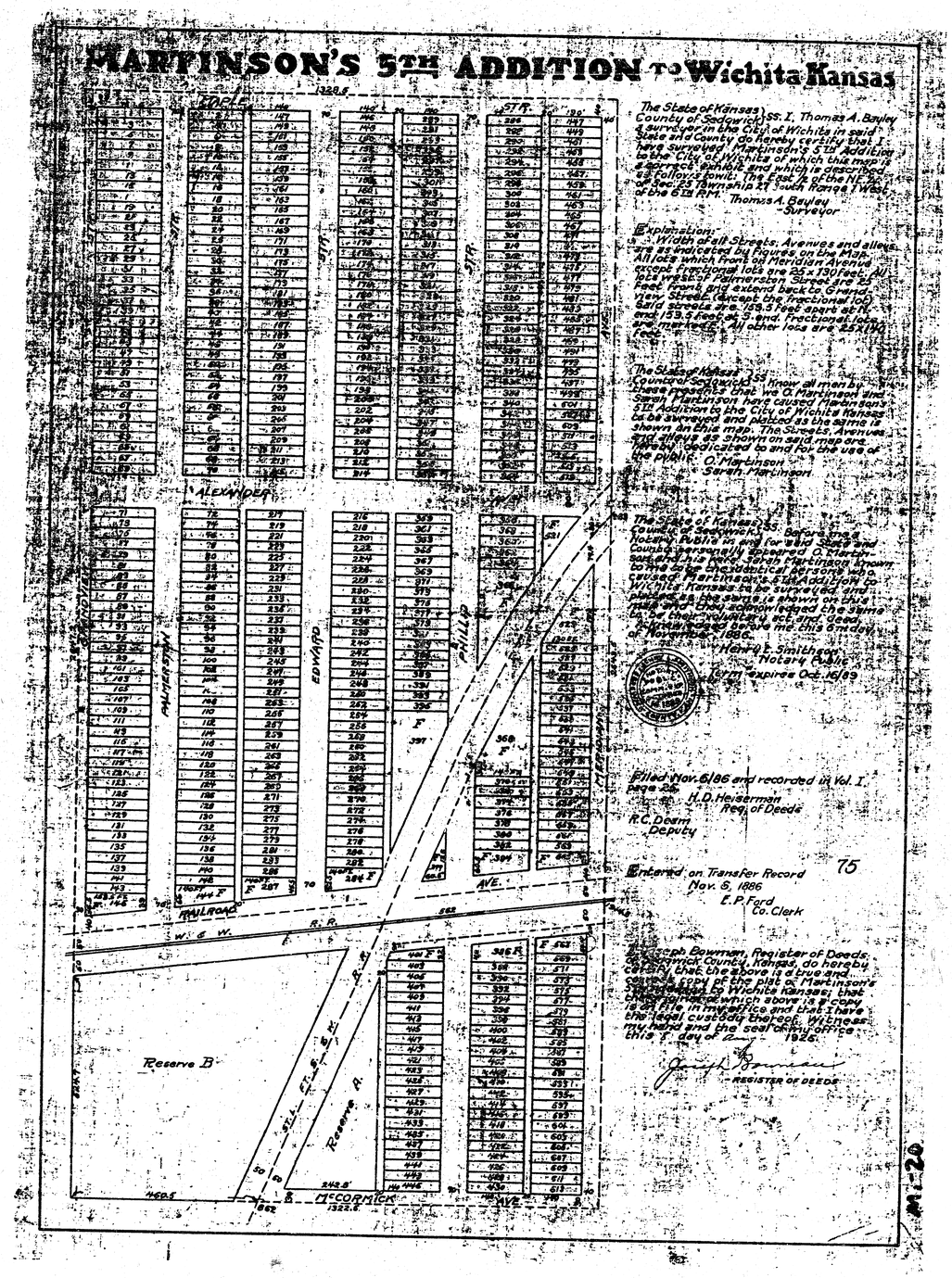
ENTERED ON TRANSFER RECORD APR 25 1887
E. P. FORD CO CLERK

I, Joseph Bowman, Register of Deeds of Sedgwick County, Kansas do hereby certify that the above is a true and correct copy of the plat of Crystal Addition to Wichita Kansas; that the original, of which above is a copy, is on file in my office and that I have the legal custody thereof. Witness my hand and the seal of my office this 22 day of Nov. 1911.

Joseph Bowman
Register of Deeds.

C.A. 22

MARTINSON'S 5TH ADDITION TO Wichita Kansas



The State of Kansas } SS. I, Thomas A. Bayley
County of Sedgwick } a surveyor in the City of Wichita in said State and County do hereby certify that I have surveyed Martinson's 5th Addition to the City of Wichita of which this map is a correct exhibit and which is described as follows, to wit: The East ½ of the NE ¼ of Sec. 25 Township 27 South Range 1 West of the 6th P.M.

Thomas A. Bayley
Surveyor

Explanation:
St. = Width of all Streets, Avenues and alleys are as indicated but figures to the right. All lots which front on Meridian Avenue except fractional lots are 25 x 130 feet. All lots west of Martinson Street are 25 Feet. Front and extend back to Grandview Street (except the fractional lots) Said streets are 189.5 feet apart at N. end 193.5 feet at S. end. Fractional lots are marked F. All other lots are 25 x 140 Feet.

The State of Kansas } SS.
County of Sedgwick }

Know all men by these presents that we O. Martinson and Sarah Martinson have caused Martinson's 5th Addition to the City of Wichita Kansas to be surveyed and platted as the same is shown on this map. The Streets, Avenues and alleys as shown on said map are hereby dedicated to and for the use of the public.

O. Martinson
Sarah Martinson

The State of Kansas } SS. Before me a
County of Sedgwick } Notary Public in and for said State and County personally appeared O. Martinson and his wife Sarah Martinson known to me to be the identical persons who executed Martinson's 5th Addition to Wichita Kansas to be surveyed and platted as the same is shown on this map and they acknowledged the same to be their voluntary act and deed. Witness my hand and seal this 6th day of November 1886.

Henry B. Smithson
Notary Public
Term expires Oct. 16/89

Filed Nov. 6/86 and recorded in Vol. I. page 25.
H.D. Heiserman
Reg. of Deeds
R.C. Deem
Deputy

Entered on Transfer Record 75
Nov. 6, 1886
E.P. Ford
Co. Clerk

I, Joseph Bowman, Register of Deeds, of Sedgwick County, Kansas, do hereby certify that the above is a true and correct copy of the plat of Martinson's 5th Addition to Wichita Kansas; that the original of which above is a copy is on file in my office and that I have the legal custody thereof. Witness my hand and the seal of my office this 7 day of June 1926.

Joseph Bowman
REGISTER OF DEEDS

M-20

SWS.5