

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:

- 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

- 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.
- 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.
- All areas disturbed by construction operations shall be 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.
- 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.
- 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.
- 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.
- 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.
- 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.

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:

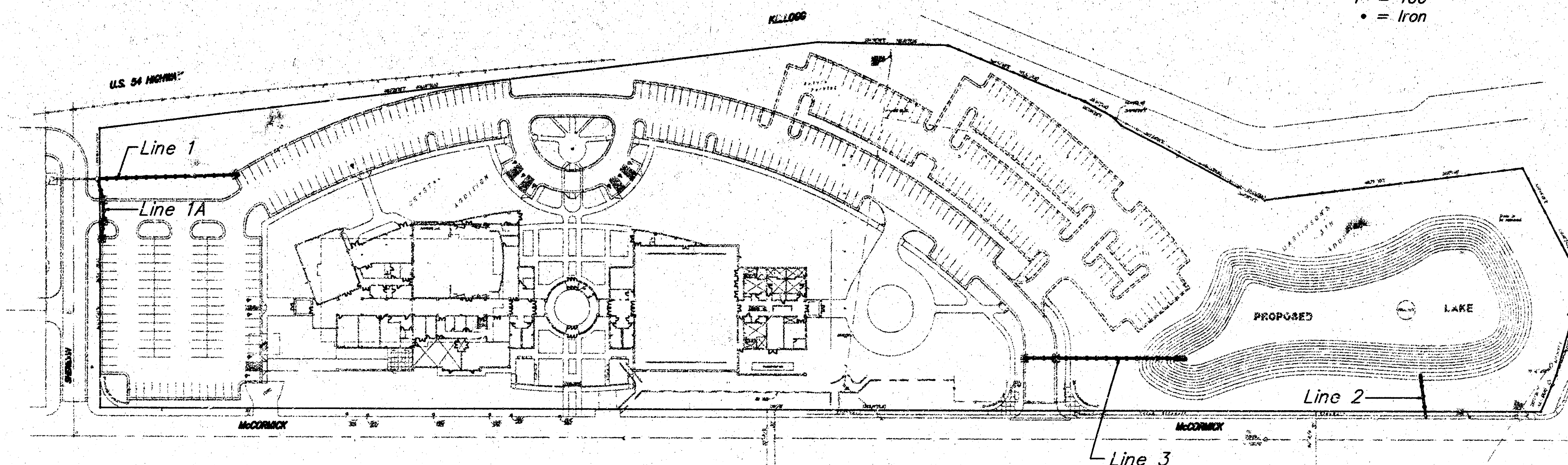
- Title Sheet
- Line 1 and 1A
- Line 2 and 3
- Special Curb Inlet w/
Straw Bale Barrier
- Copy of Plat

APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA

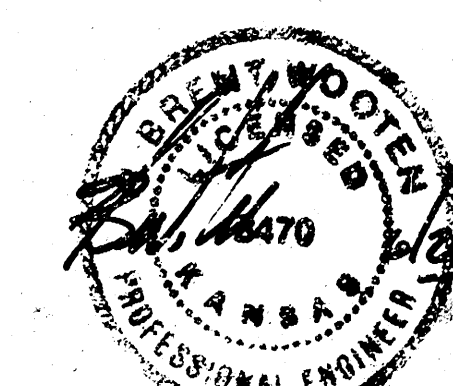
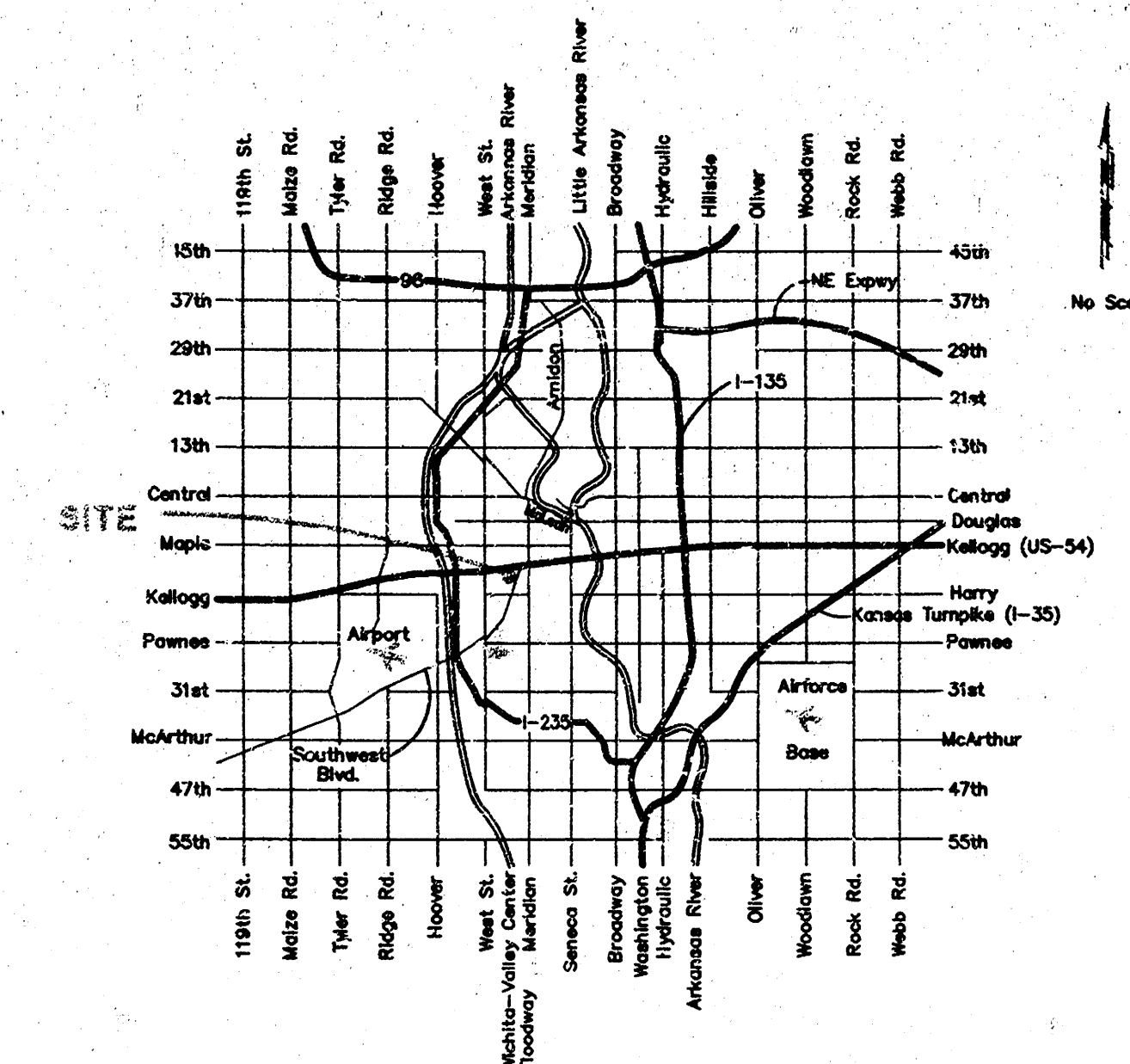
Storm Sewers VRH 6/29/98

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).



NEWMAN UNIVERSITY STORM SEWER IMPROVEMENT AREAS

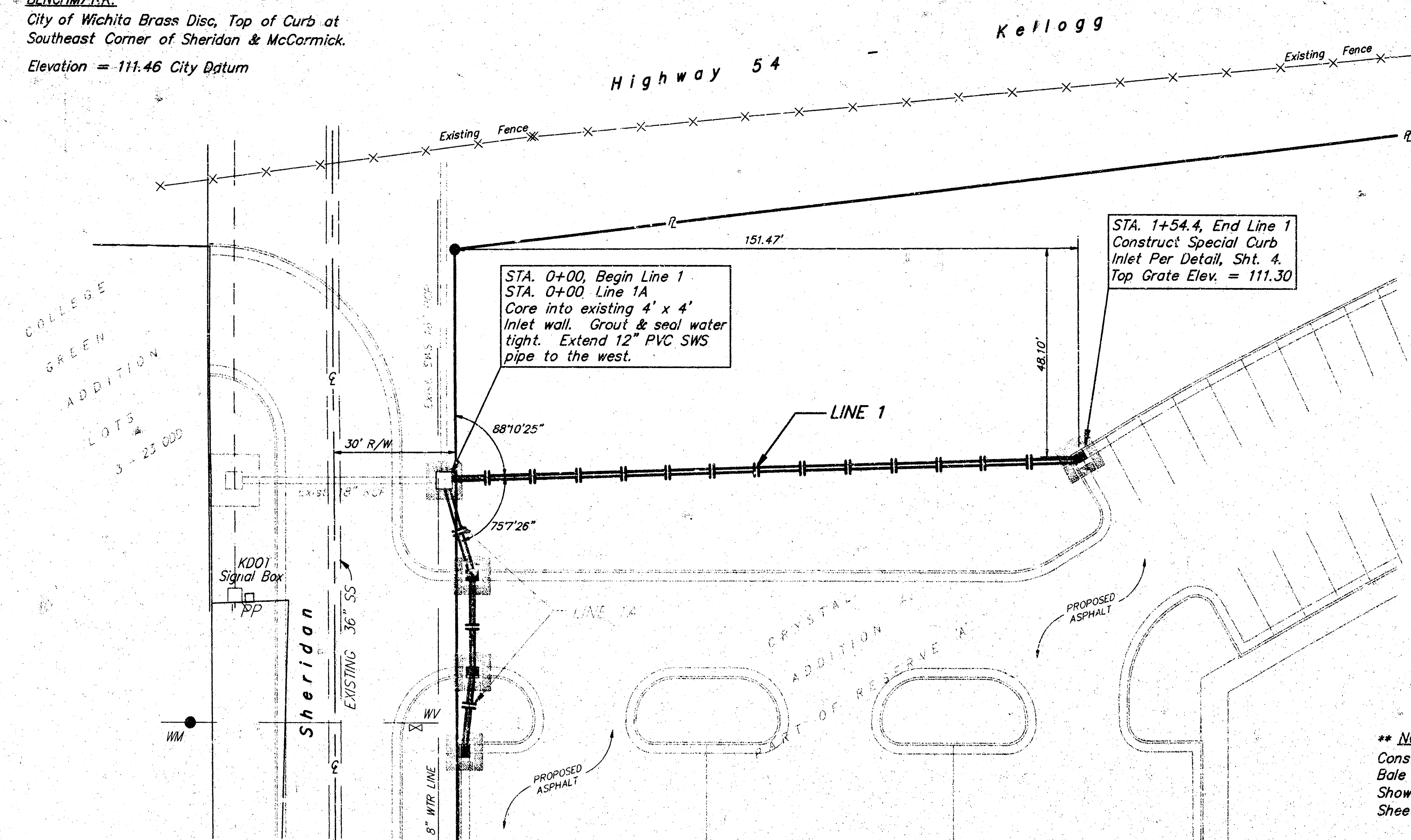


July 1, 1998

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

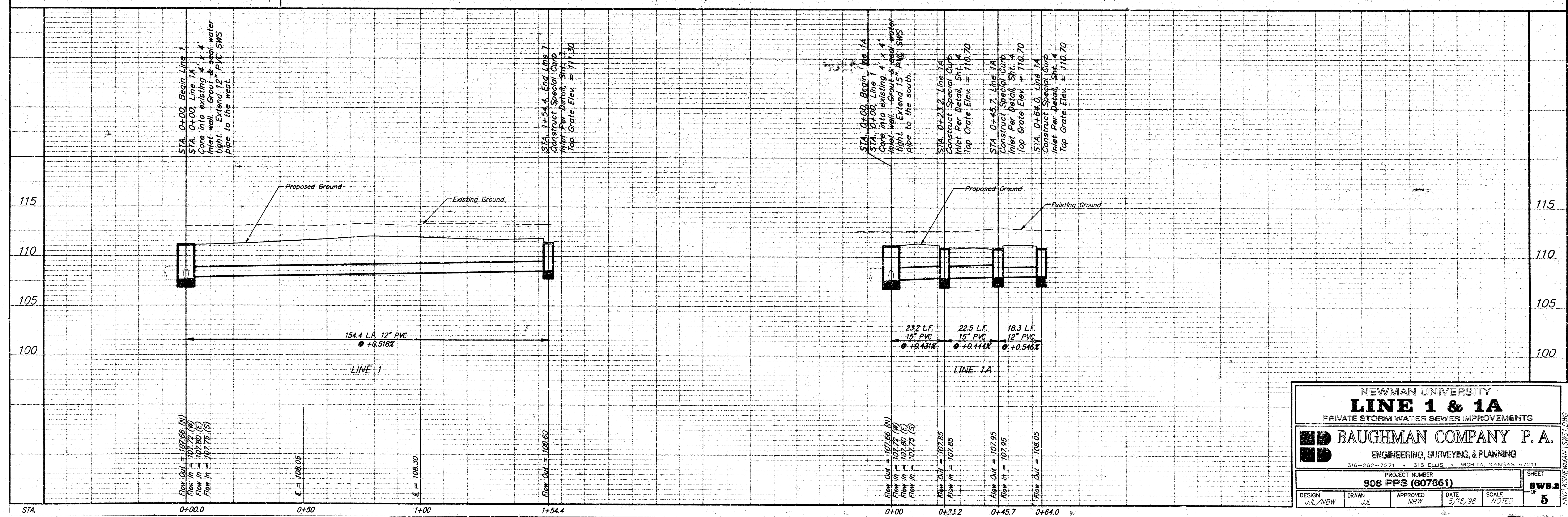
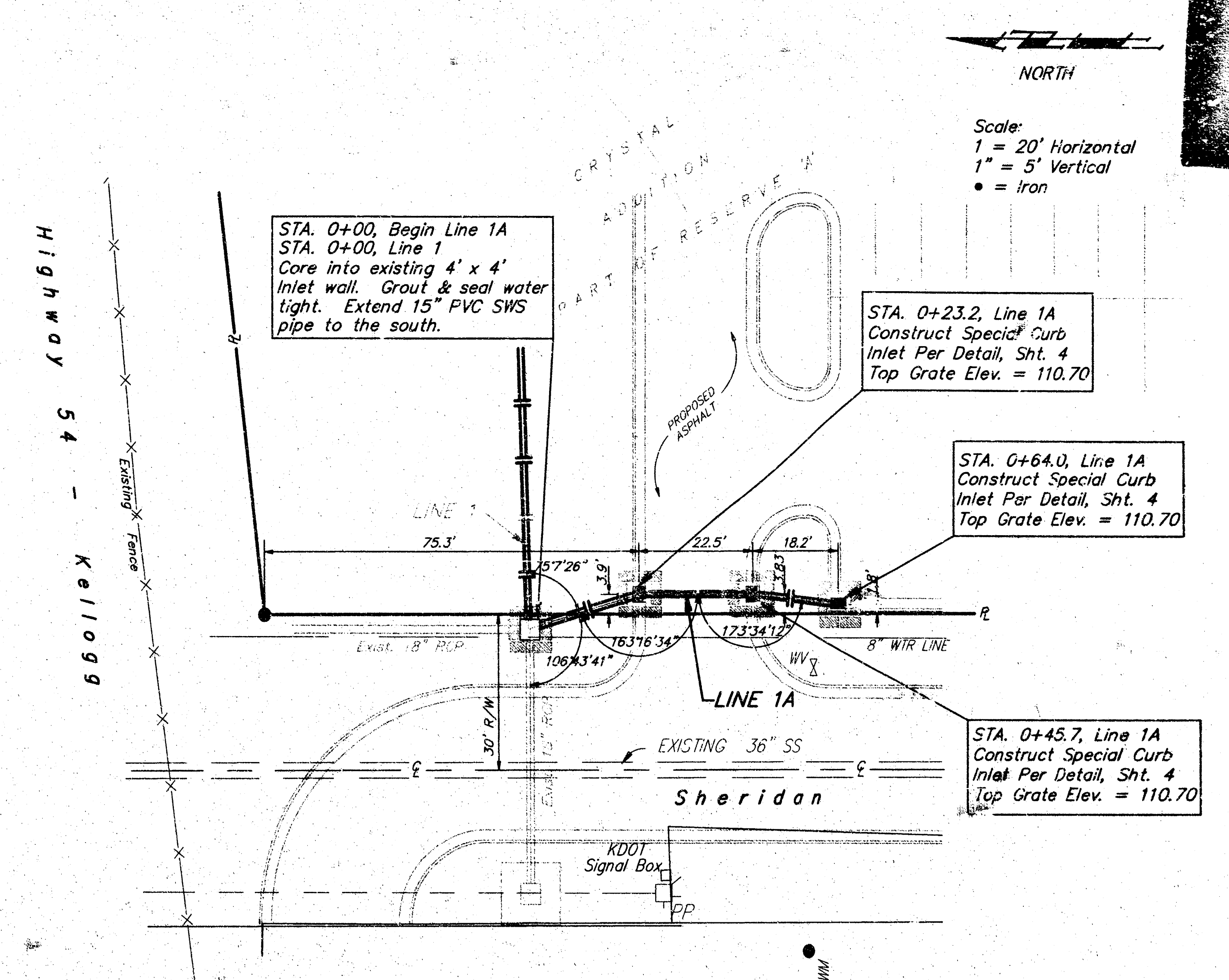
SWS.1

BENCHMARK:
City of Wichita Brass Disc, Top of Curb at
Southeast Corner of Sheridan & McCormick.
Elevation = 111.46 City Datum

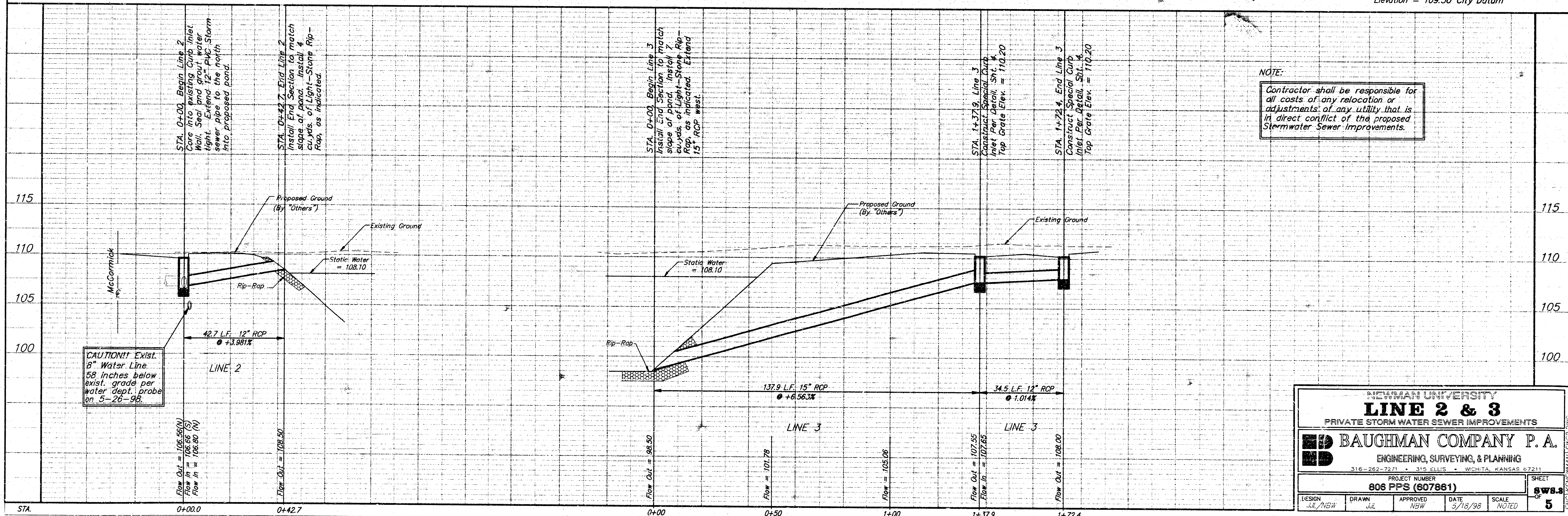
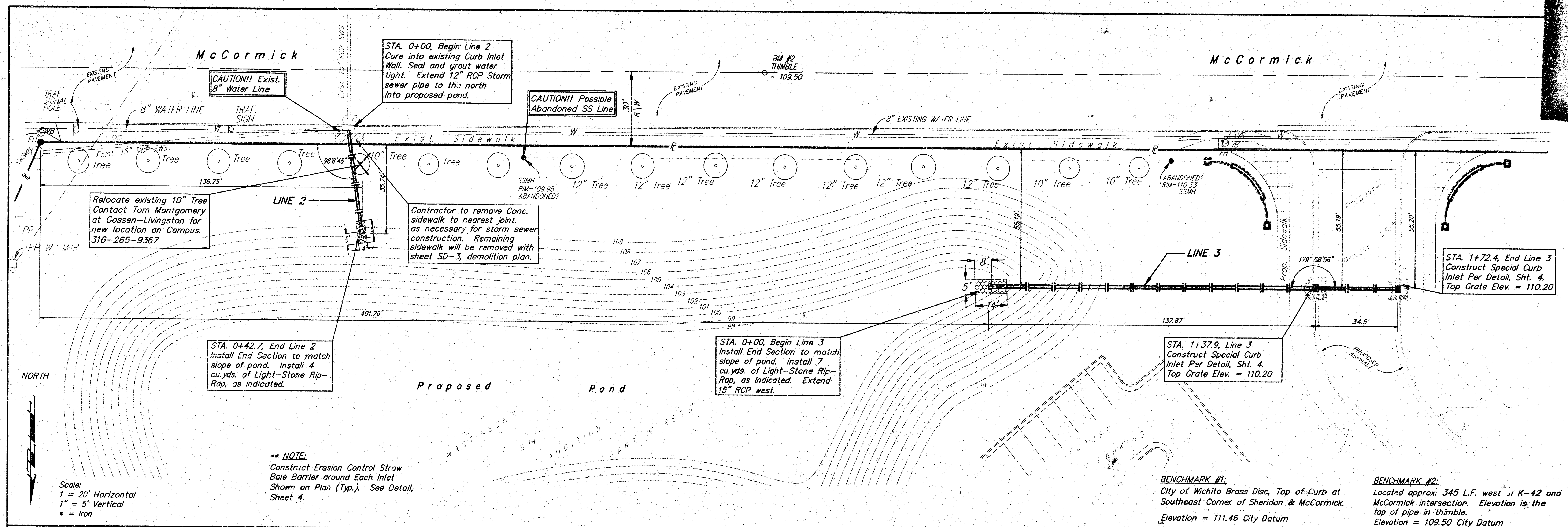


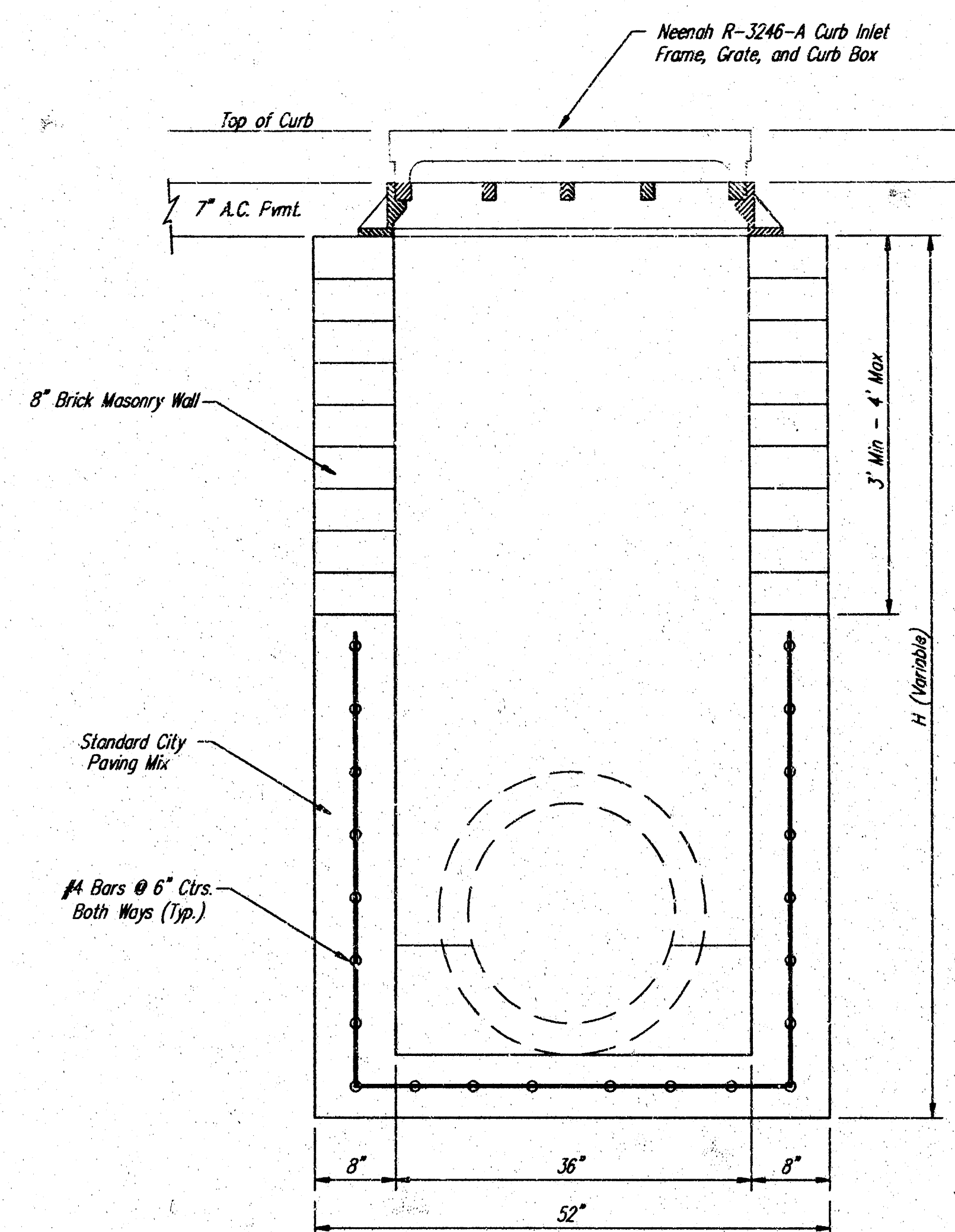
Scale:
1" = 20' Horizontal
1" = 5' Vertical
● = Iron

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

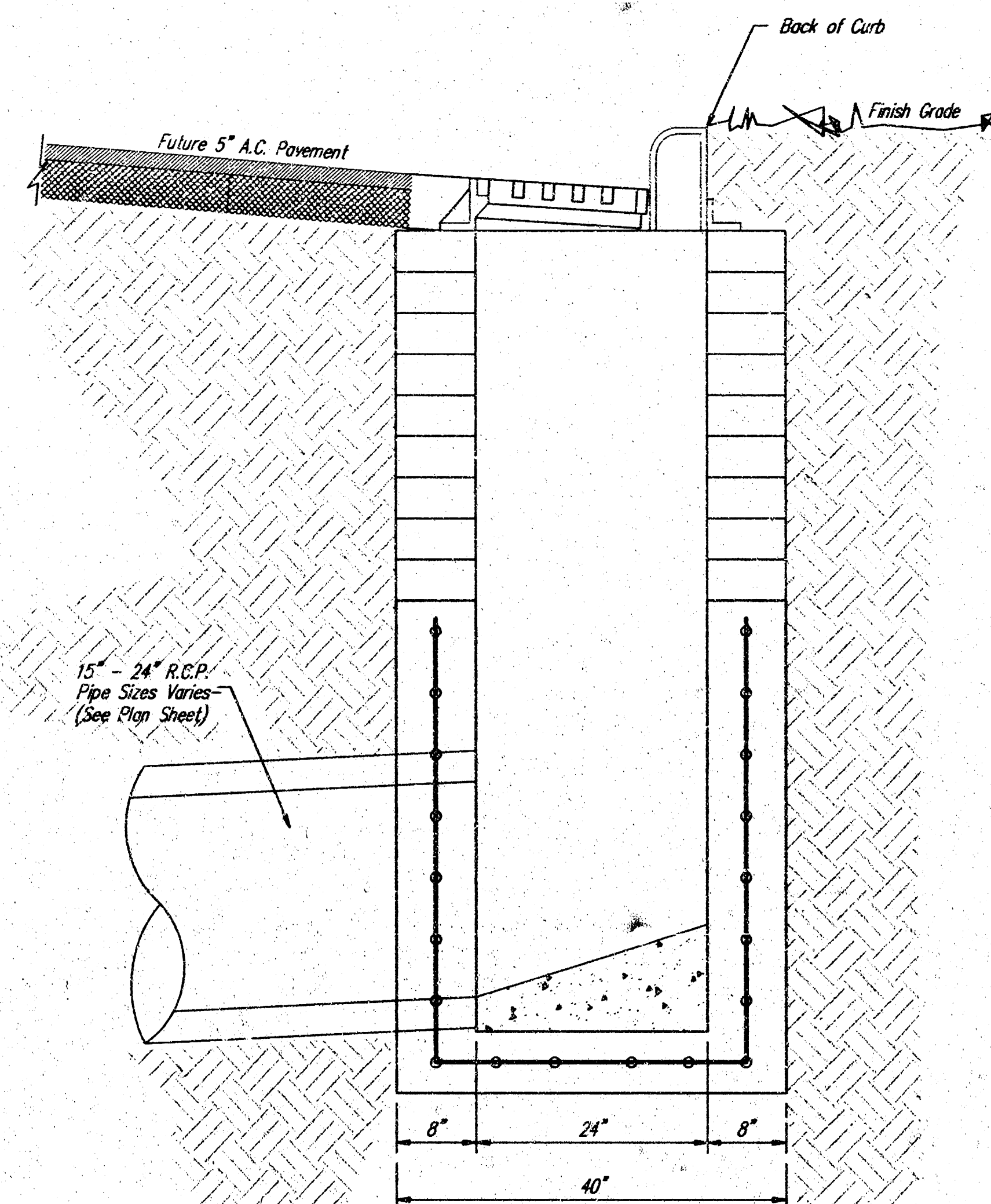


NEWMAN UNIVERSITY LINE 1 & 1A PRIVATE STORM WATER SEWER IMPROVEMENTS					
BAUGHMAN COMPANY P.A. ENGINEERING, SURVEYING, & PLANNING 316-292-7271 • 316-ELUS • WICHITA, KANSAS 67211					
PROJECT NUMBER 806 PFS (907861)					SHEET 5
DESIGN JUL NEW	DRAWN	APPROVED NEW	DATE 7/26/98	SCALE NOTED	8 OF 5

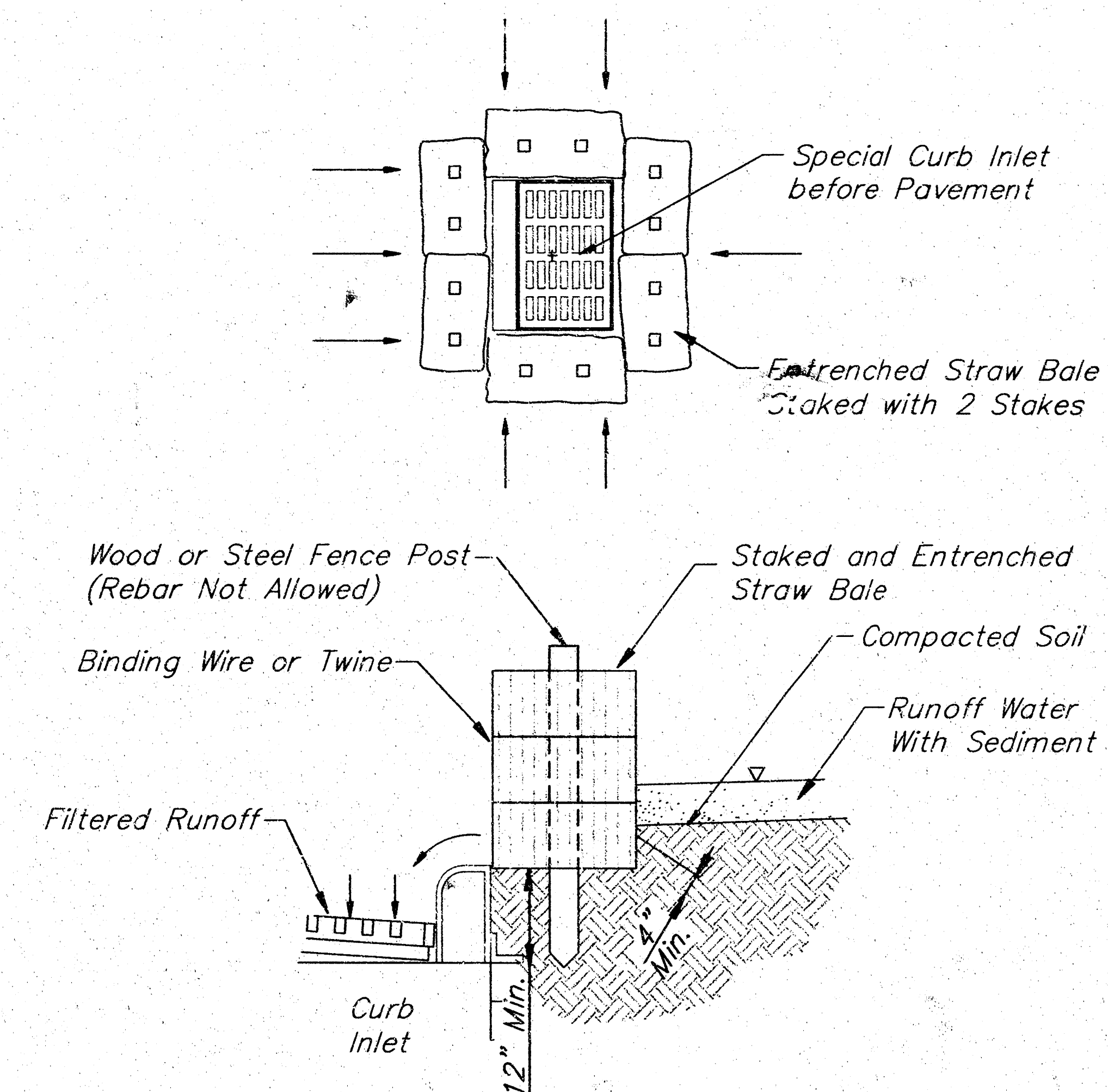




FRONT VIEW



SIDE VIEW



TYP. STRAW BALE BARRIER DETAIL

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

GENERAL NOTES:

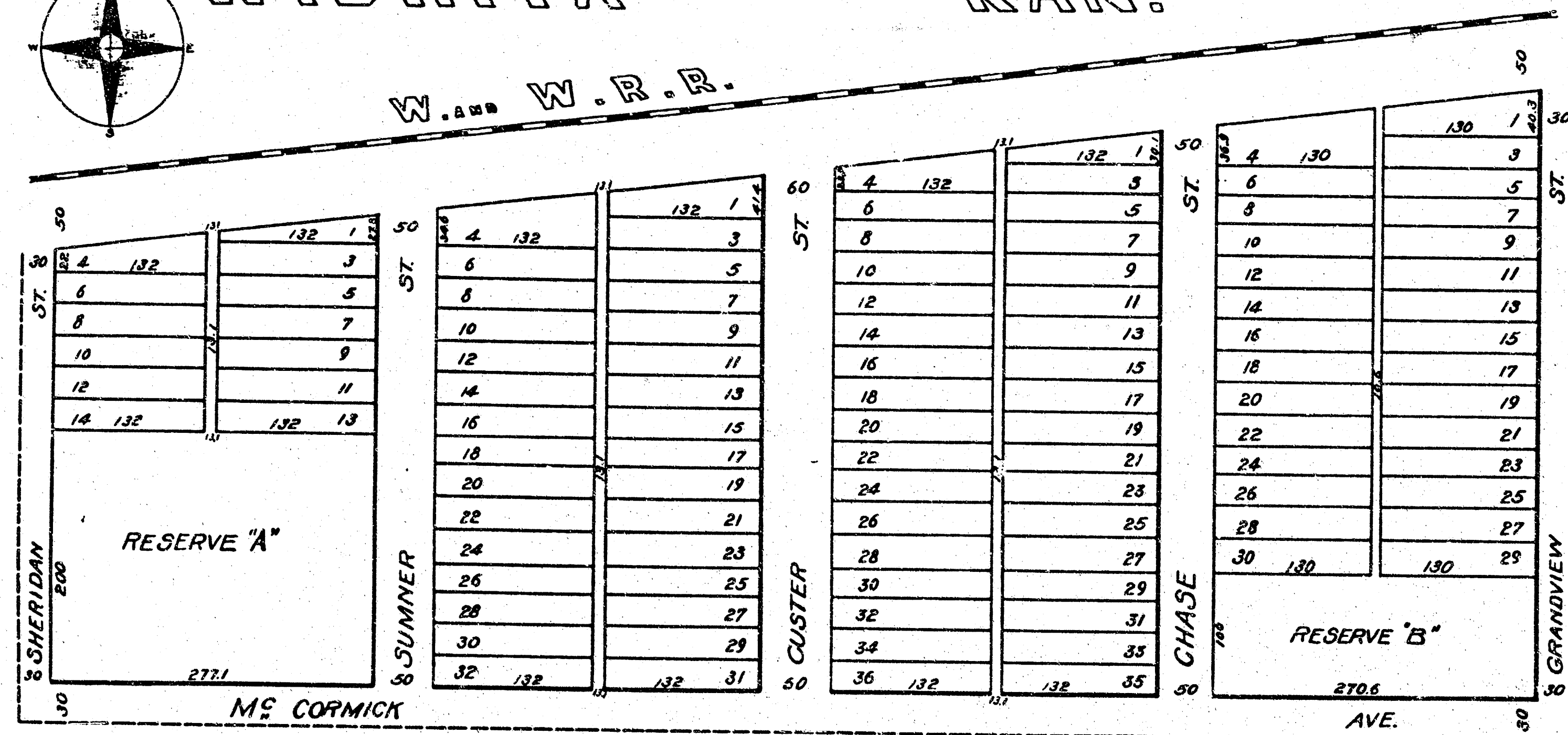
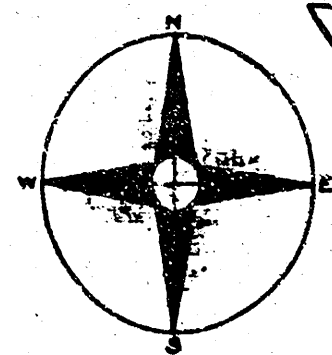
Contractor shall have the option of constructing 8" brick masonry walls between the concrete inlet base and frame on this inlet when the height (H) is 7 feet or less.

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					
ED BAUGHMAN COMPANY P.A.					
ENGINEERING, SURVEYING, & PLANNING					
316-262-2271 • 315 ELIUS • WICHITA, KANSAS 67211					
PROJECT NUMBER					
806 PPS (607861)					
DESIGN	DRAWN	APPROVED	DATE	SCALE	SHEET
BC	BC	NEW	5-18-98	NONE	5

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 plotted into 254 lots the Subdivision in north east 1/4 Sec. 25 T23S R1W of which this map is a correct exhibit and described as follows to wit: Beginning at the SW cor. of the NE 1/4 of Sec. 25 T23S R1W West Thence east 132.13 feet Thence N 52.4-8 feet Thence S of west with the south boundary of the right of way of the W & W R.R. 1031 feet to a point due north from the beginning Thence south 374 feet to the beginning.

Thos. A. Bayley, 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 Sedgewick, S.S.

Now 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 survey certificate above to be surveyed and plotted as shown by this map. The lots as shown are intended for sale. The streets and alleys as shown are hereby dedicated to S.I. Heller, Frank H. Shambaugh.

State of Kansas
County of Sedgewick, S.S.

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 purpose therein set forth. Acknowledged before me this 21 day of April 1887.

Term expires May 13th 1890.

FILED 25 APRIL 1887 AND
RECORDED IN PLAT BOOK O
PAGE 21.
H.D. HERSHMAN, REGISTER OF DEEDS
GEO. F. BEARSE, DEPUTY.

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

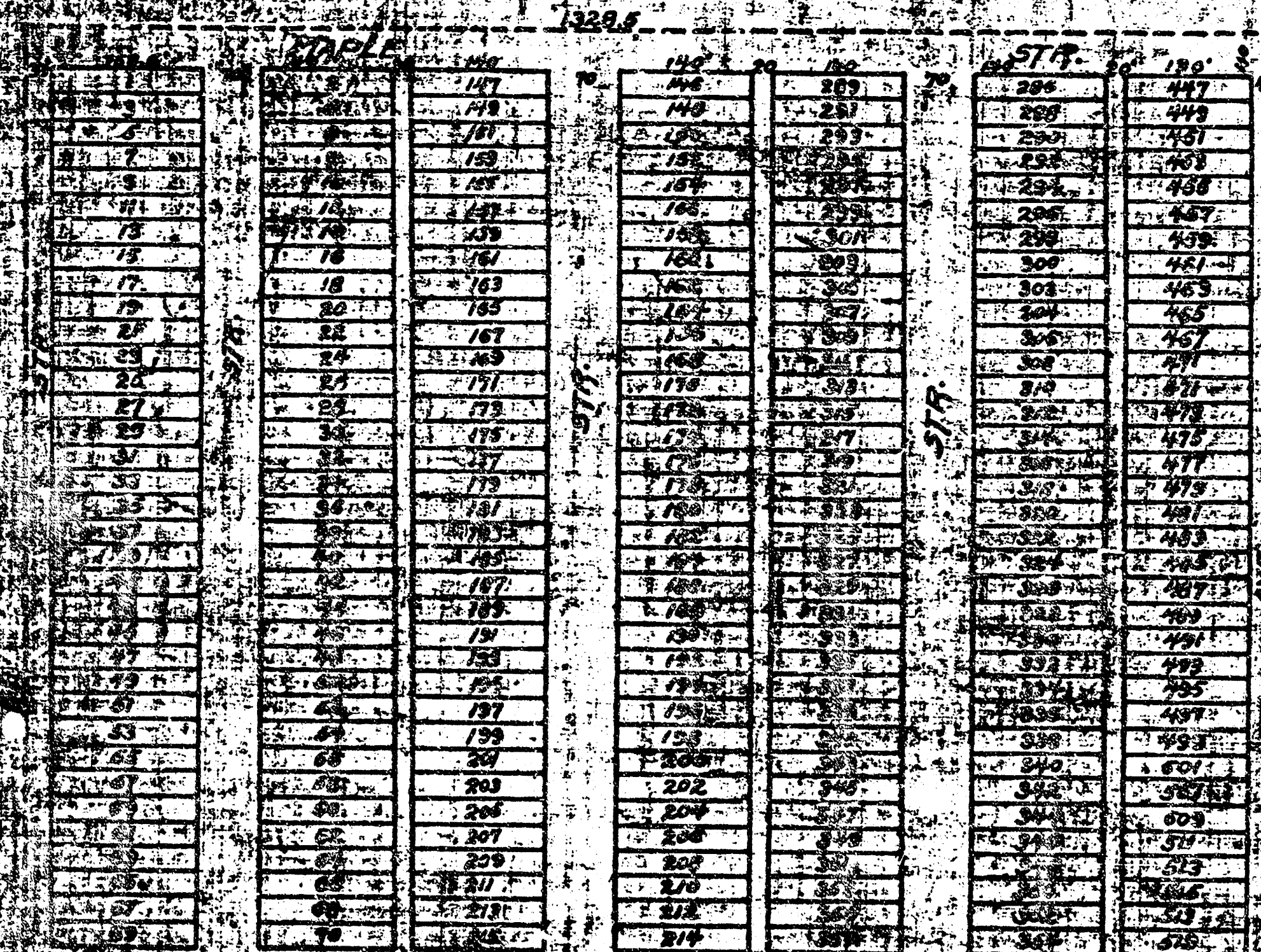


Geo. A. Bayley
Notary Public.

I, Joseph Bowman, Register of Deeds of Sedgewick 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 May 1911.

Joseph Bowman
Register of Deeds.

MARTINSON'S 5TH ADDITION TO WICHITA KANSAS



The State of Kansas, ss. I, Thomas A. Bayley, County of Sedgewick, ss. I, Thomas A. Bayley, 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 exhibit and which is described as follows to wit: The East 1/2 of the NE 1/4 of Sec. 25 Township 23 South Range 1 West of the 6th P.M. Thomas A. Bayley - Surveyor.

Explanation: Width of all Streets, Avenues and alleys as indicated by figures on the Map. All lots which front on Meridian Avenue except fractional lots are 25 x 130 feet. All lots which front on Grandview Street are 25 x 130 feet and extend back to Grandview Street. (except the fractional lot) said extension is 150 feet apart as to end 150 feet apart S. and fractional lots are 25 x 130 feet. All other lots are 25 x 130 feet.

The Sedgewick Kansas S.S. Know all men by these presents that we O. Martinson and Sarah Martinson have caused Martinson's 5th Addition to be surveyed and plotted 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 Notary Public in and for said State and County of Sedgewick, ss. O. Martinson and Sarah Martinson, do hereby certify that we O. Martinson and Sarah Martinson have caused Martinson's 5th Addition to be surveyed and plotted as the same is shown on this map and they acknowledge the same to be their voluntary act and deed. Witness my hand and the seal of my office this 22 day of November 1886.

Hen. H. Smithson
Notary Public.
Term expires Oct. 16/89.



Filed Nov. 6/86 and recorded in Vol. I, page 26.
H.D. HERSHMAN, Register of Deeds
R.C. DODGE, Deputy.

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

I, Joseph Bowman, Register of Deeds of Sedgewick 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 1 day of May 1911.

Joseph Bowman
REGISTER OF DEEDS.

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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or 263-2061
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BENCHMARK:

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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

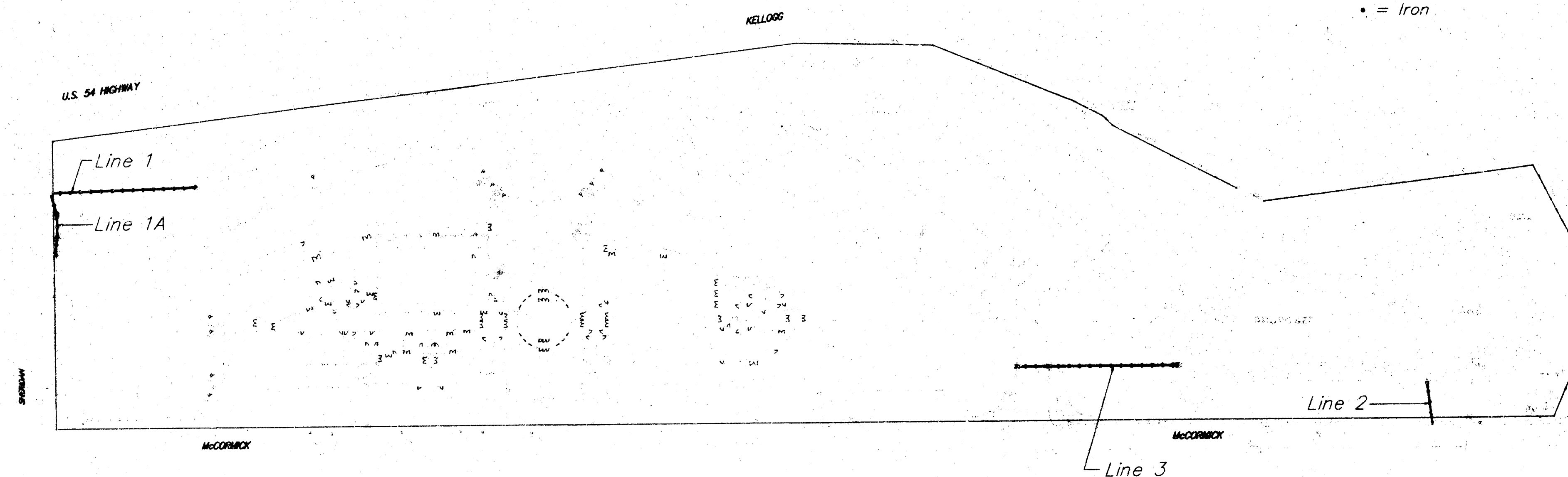
INDEX:

- 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

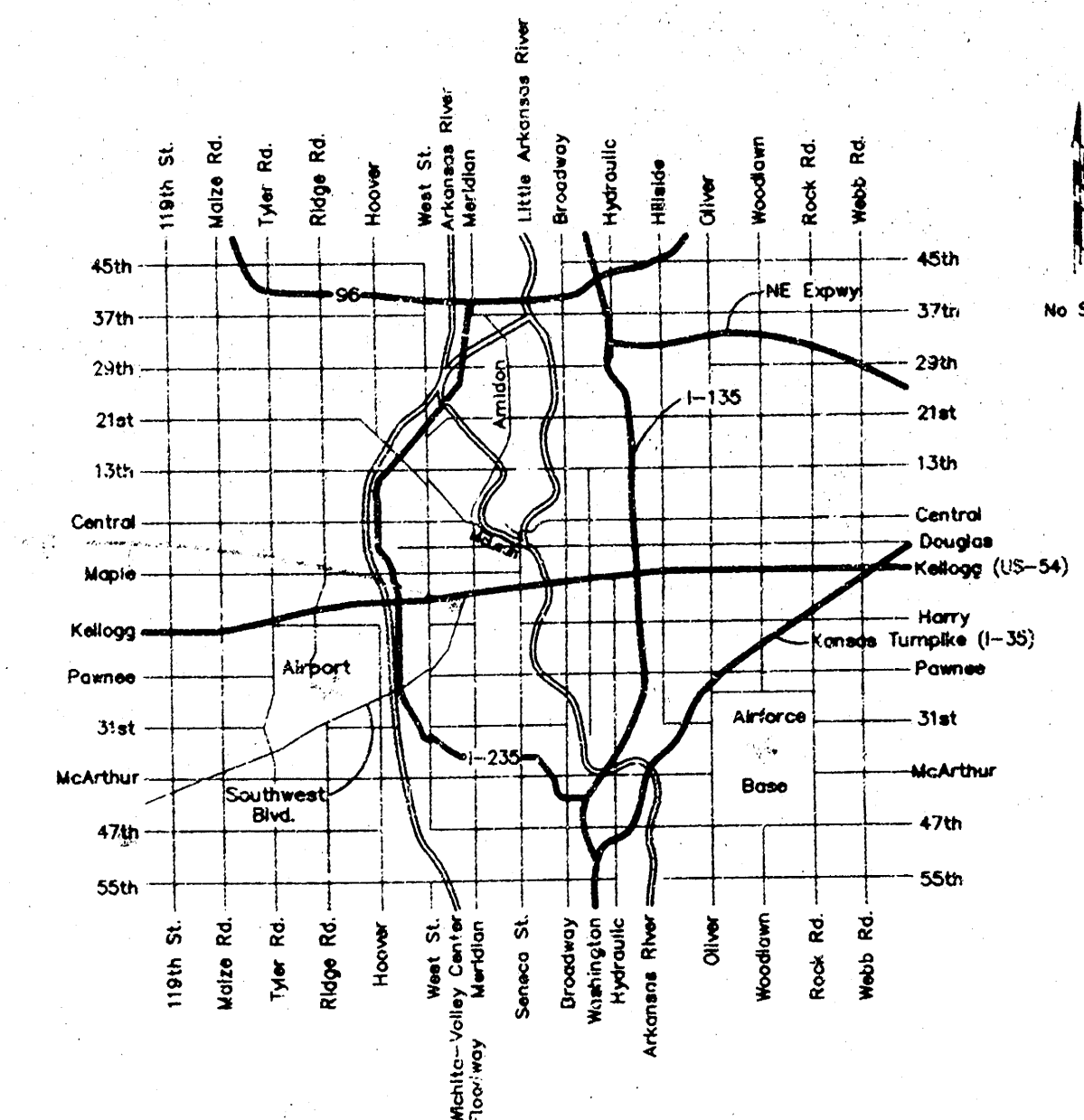
APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA
Storm Sewers VRH 6/29/98

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NEWMAN UNIVERSITY STORM SEWER IMPROVEMENT AREAS



SW8.1

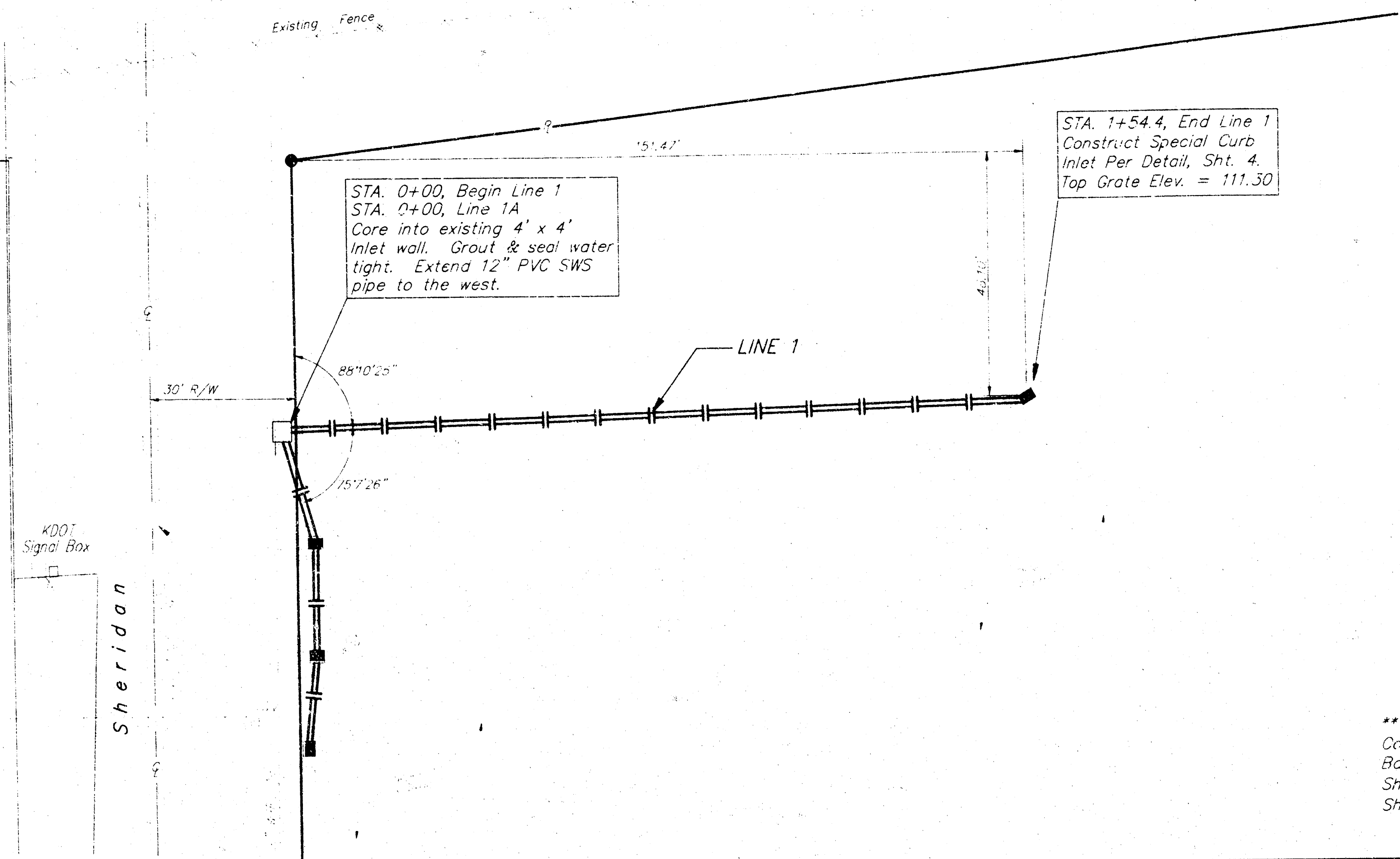


July 1, 1998

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-252-7271 • 316-252-7272 • WICHITA, KANSAS 67201

BENCHMARK:
City of Wichita Brass Disc, Top of Curb at
Southeast Corner of Sheridan & McCormick.
Elevation = 111.46 City Datum

Highway 54
Kellogg



Scale:
1" = 20' Horizontal
1" = 5' Vertical
• = Iron

Scale:
1" = 20' Horizontal
1" = 5' Vertical
• = Iron

Highway 54 - Kellogg

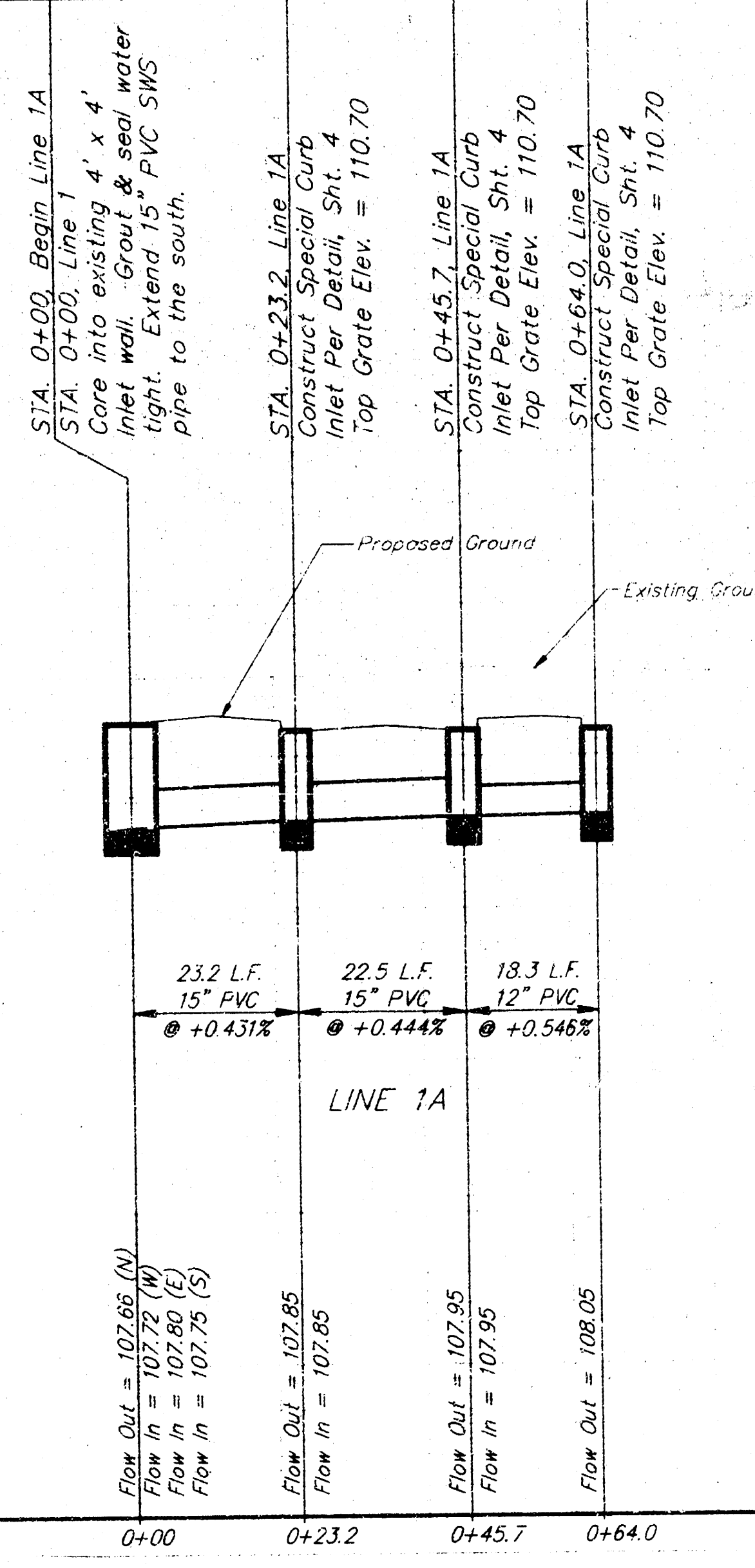
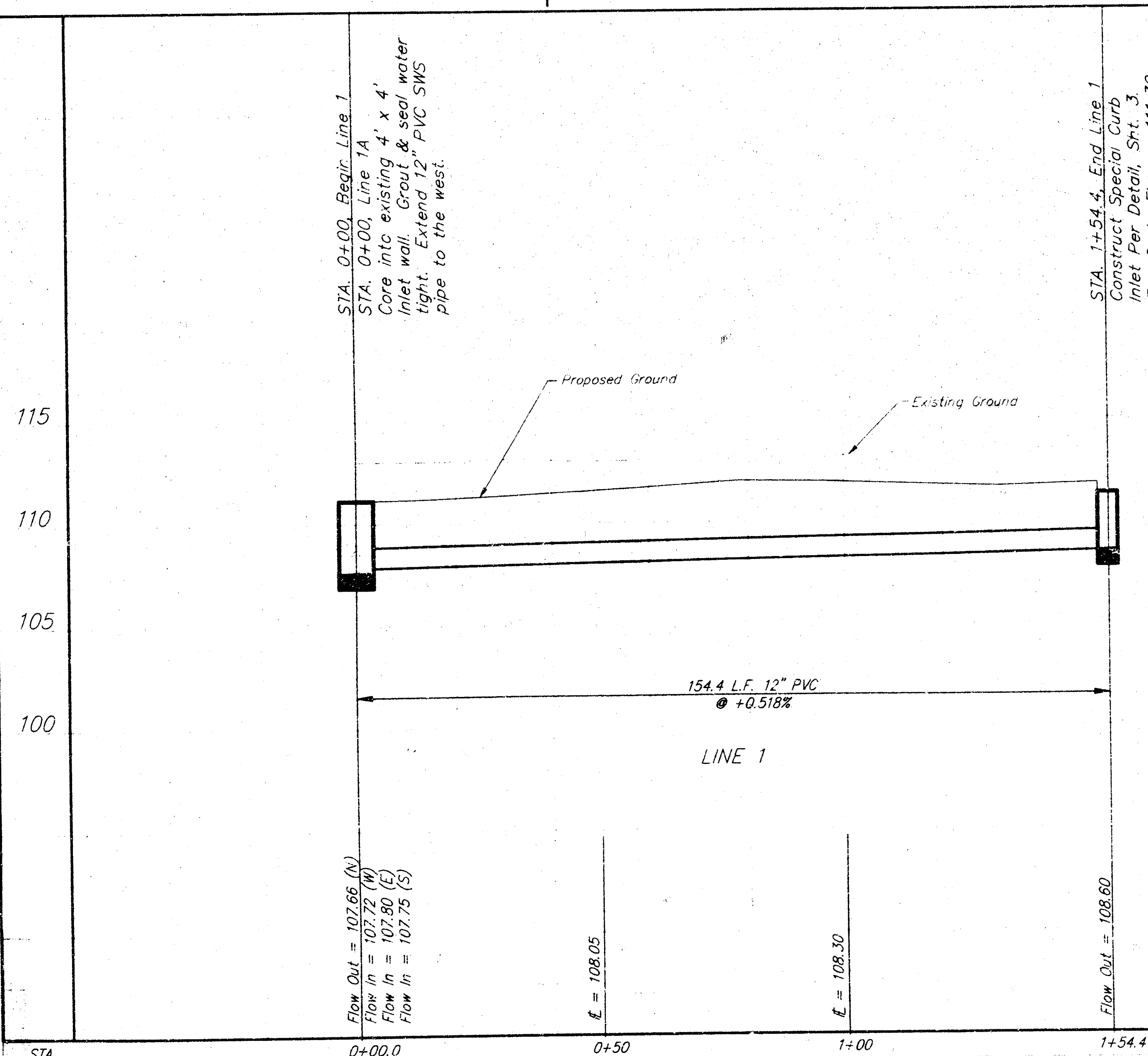
STA. 0+00, Begin Line 1A
STA. 0+00, Line 1A
Core into existing 4' x 4'
inlet wall. Grout & seal water
tight. Extend 15" PVC SWS
pipe to the south.

STA. 0+23.2, Line 1A
Construct Special Curb
Inlet Per Detail, Sht. 4
Top Grate Elev. = 110.70

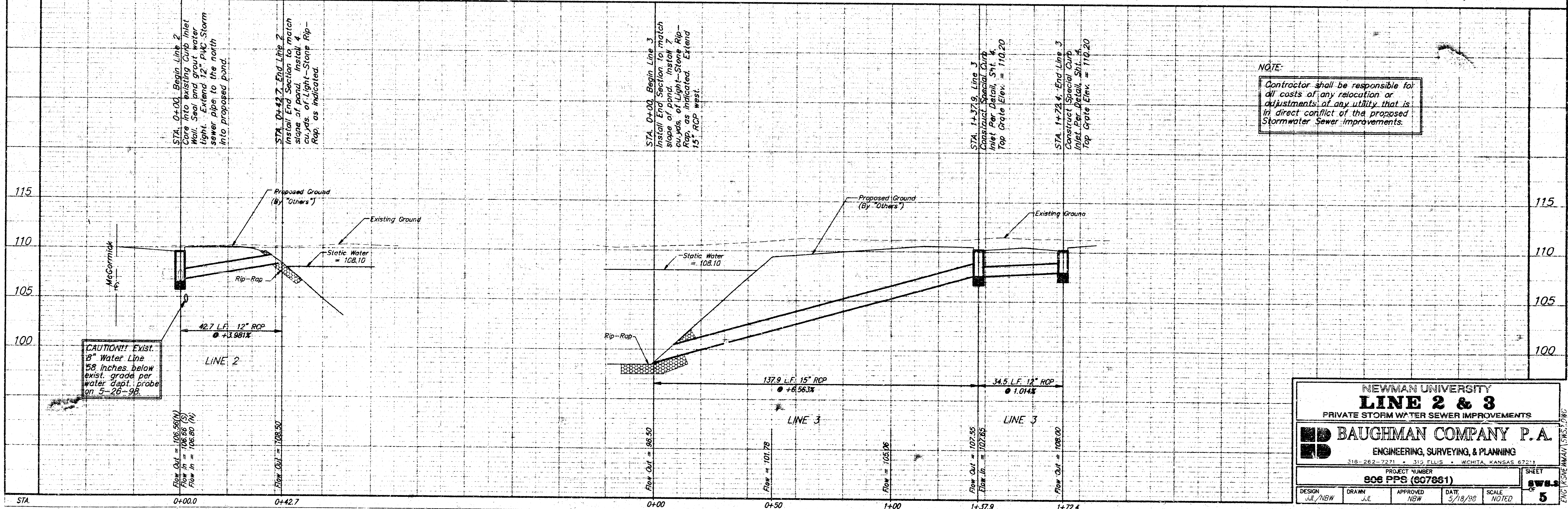
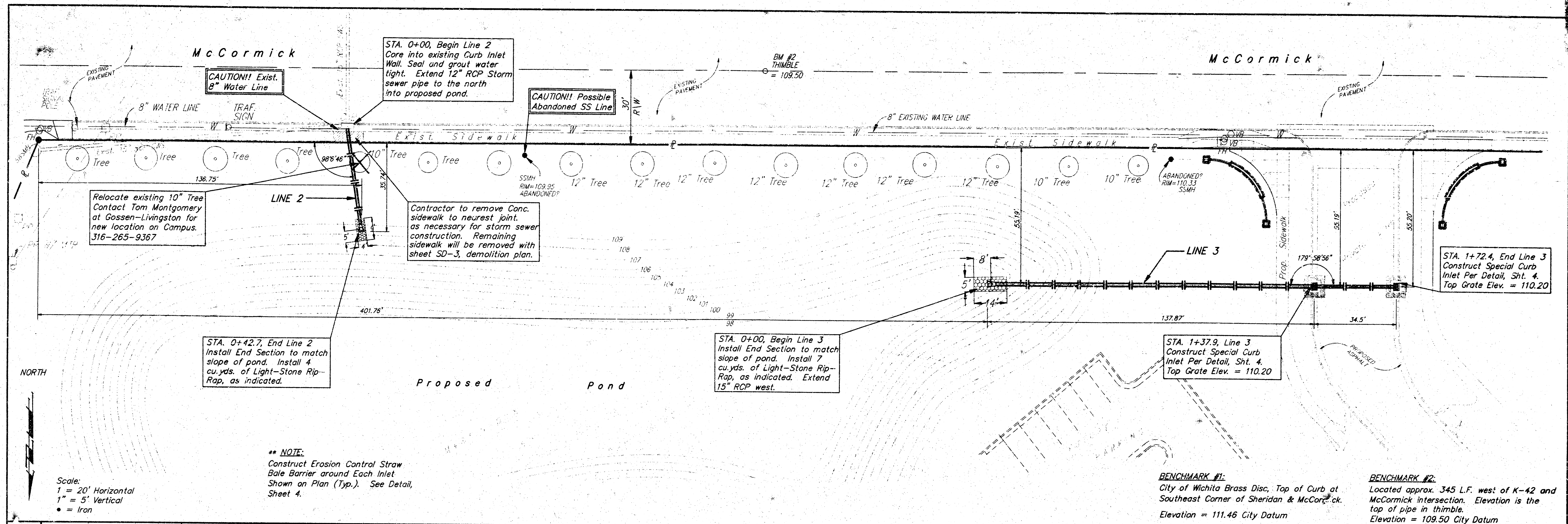
STA. 0+64.0, Line 1A
Construct Special Curb
Inlet Per Detail, Sht. 4
Top Grate Elev. = 110.70

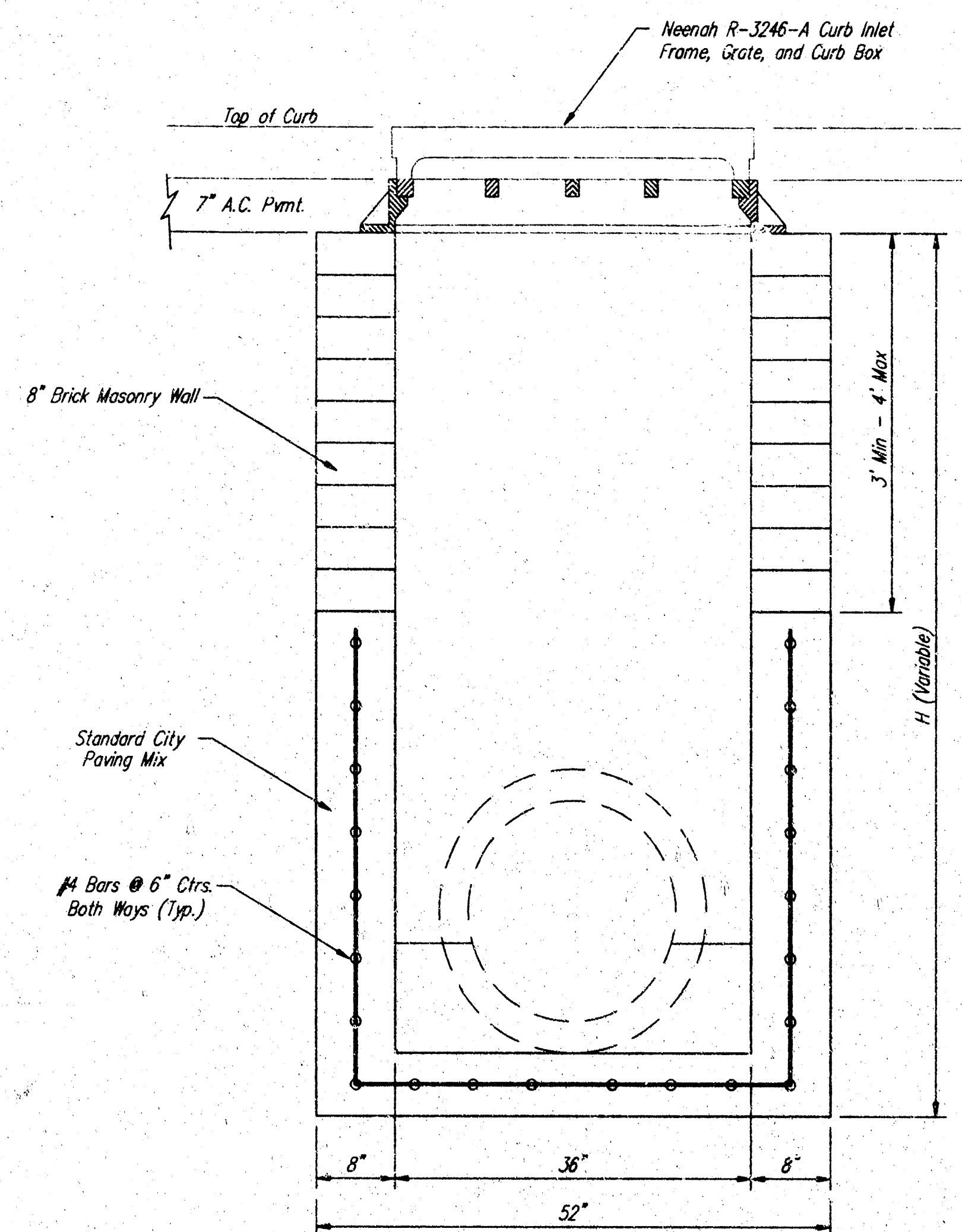
STA. 0+45.7, Line 1A
Construct Special Curb
Inlet Per Detail, Sht. 4
Top Grate Elev. = 110.70

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

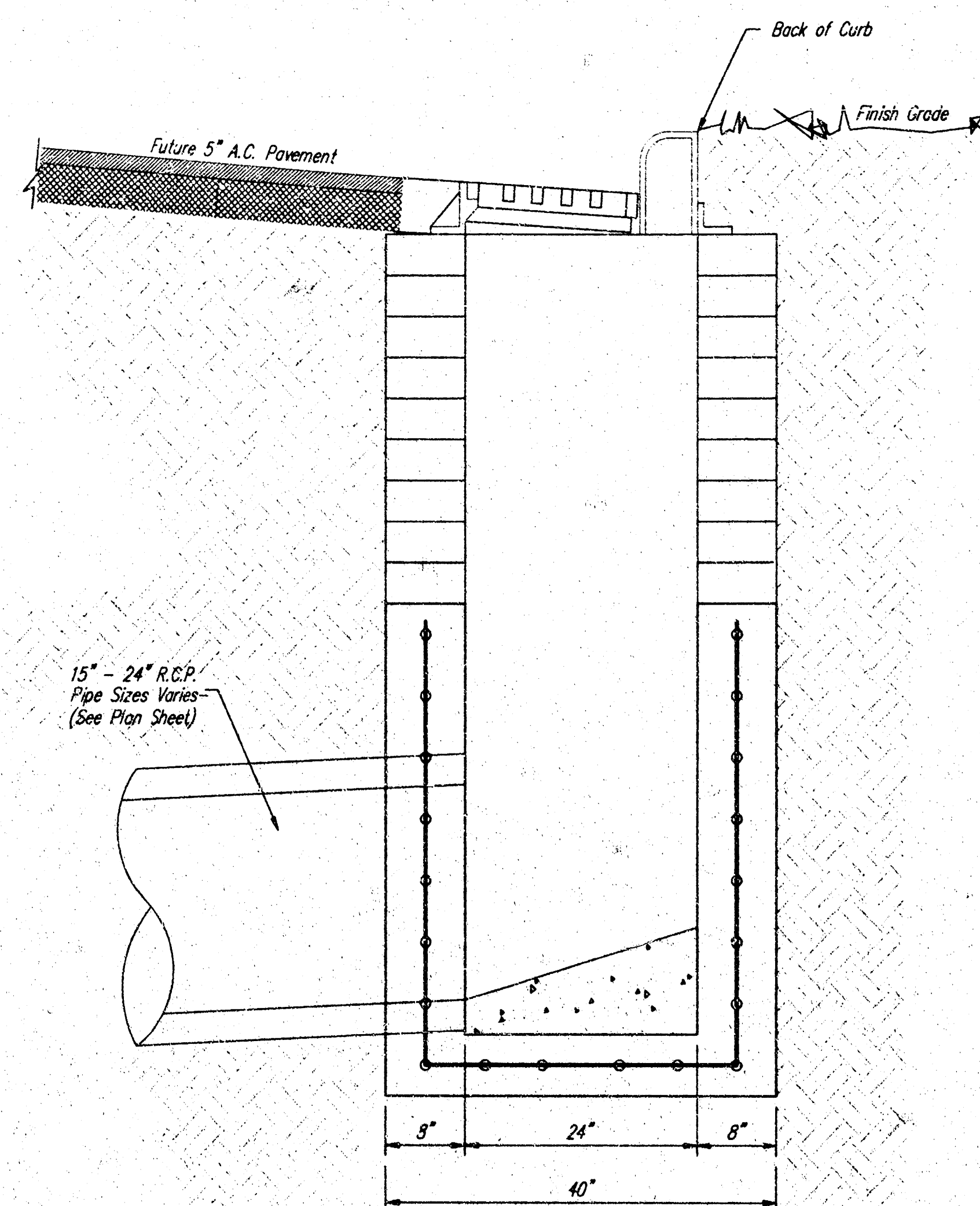


LINE 1 & 1A					
PRIVATE STORM WATER SEWER MAINS					
BAUGHMAN COMPANY P. A.					
ENGINEERING, SURVEYING & PLANNING					
PROJECT NUMBER					
806 PPS (607861)					
DESIGN	DRAWN	APPROVED	DATE	SCALE	SHEET
1/1/11	1/1/11	1/1/11	1/1/11	1" = 1'	5





FRONT VIEW



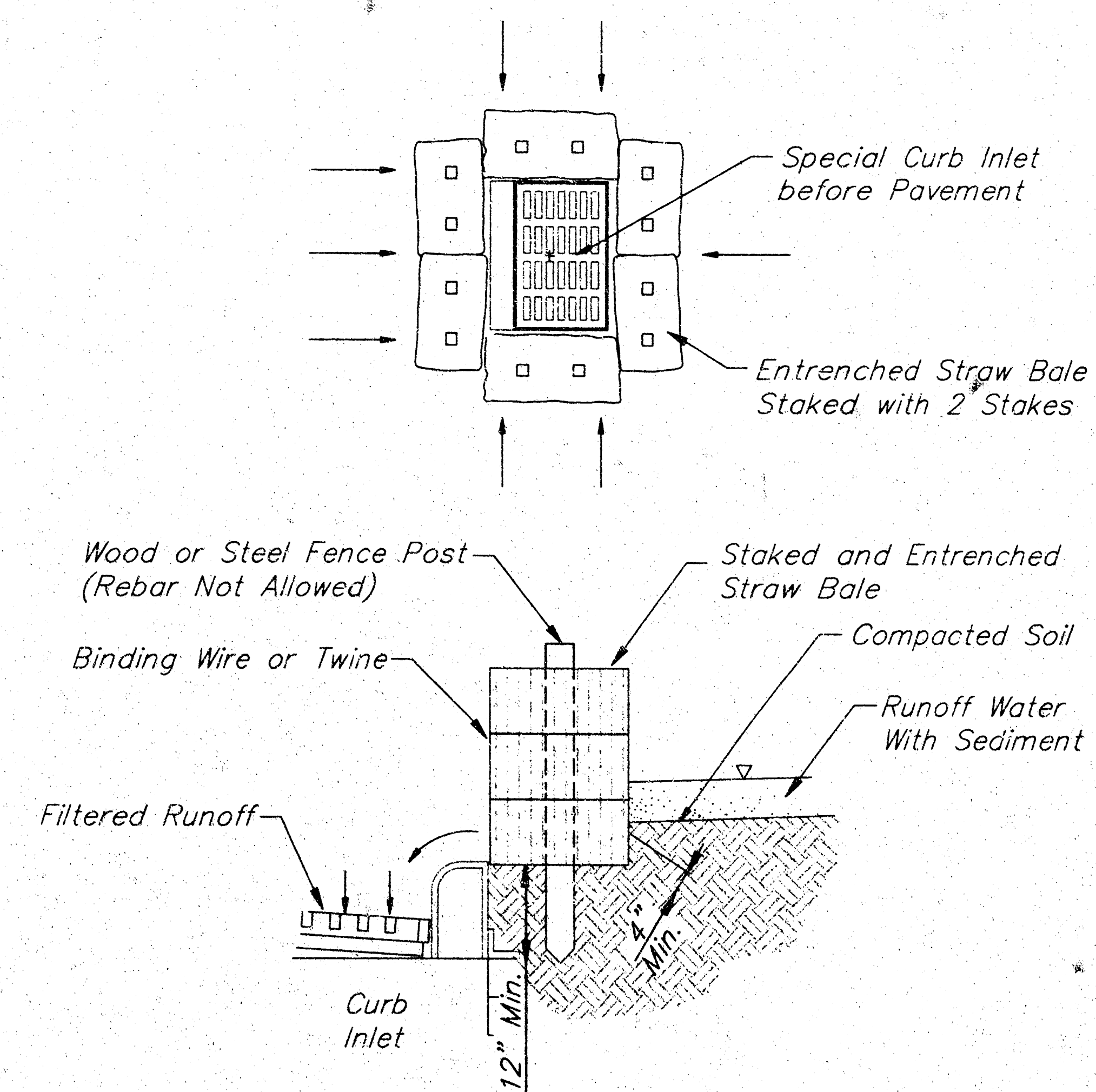
SIDE VIEW

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.

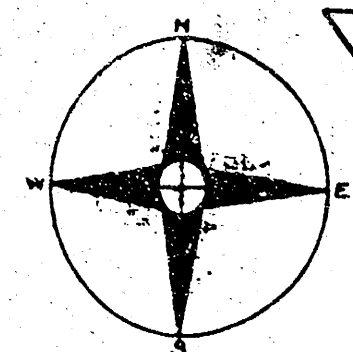


TYP. STRAW BALE BARRIER DETAIL

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

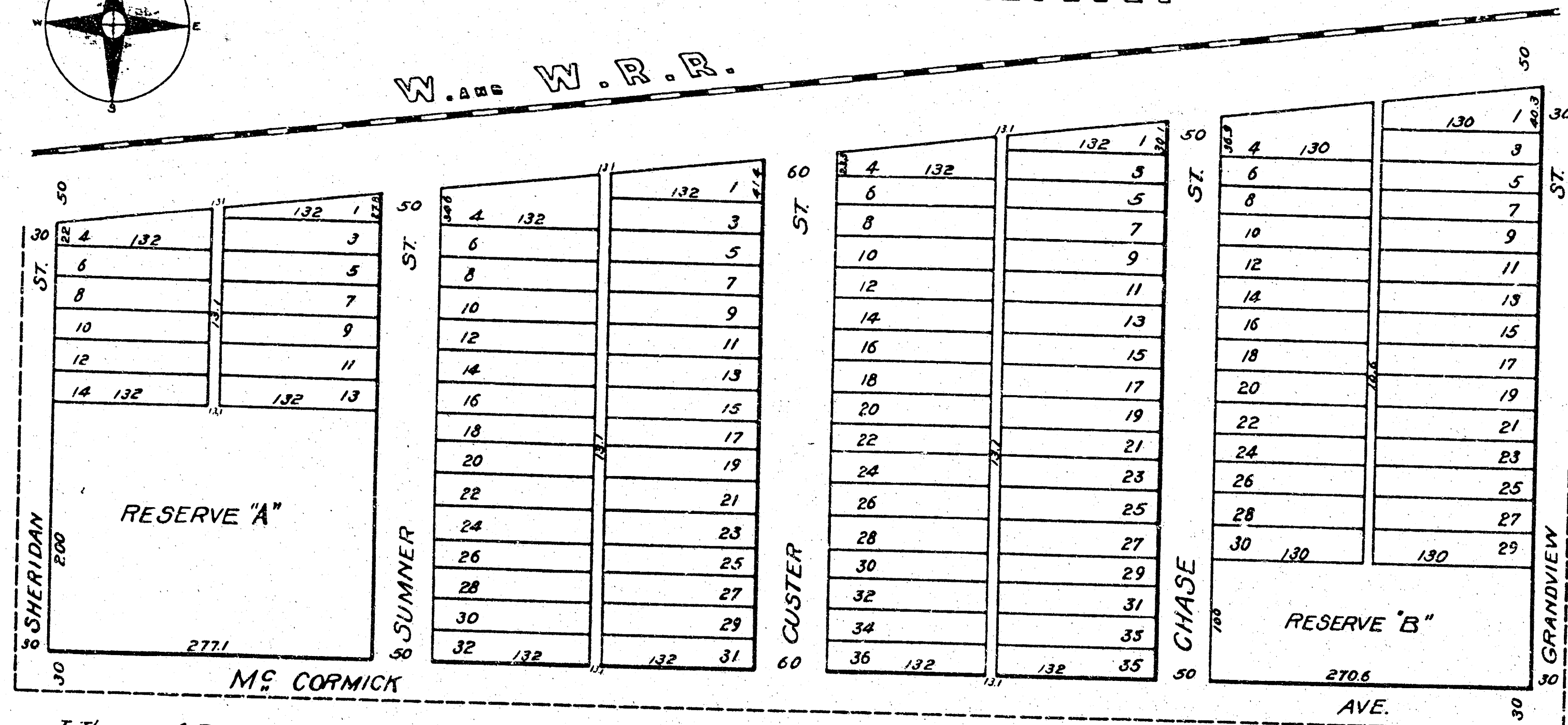
NEWMAN UNIVERSITY					
SPECIAL CURB INLET					
WITH STRAW SEDIMENT BARRIER DETAIL					
BAUGHMAN COMPANY P.A.					
ENGINEERING, SURVEYING, & PLANNING					
316-262-7271 • 316 ELLIS • WICHITA, KANSAS 67211					
PROJECT NUMBER					
806 PPS (607861)					
DESIGN	DRAWN	APPROVED	DATE	SCALE	SHEET
BC	BC	NEW	5-18-98	NONE	5

CRYSTAL ADDITION



WICHITA KAN.

W. & W. R. R.



I, Thomas A. Bayley, a surveyor in the city of Wichita, Kansas do hereby certify that I have surveyed and plotted into 36 lots the 5th Addition to the City of Wichita, Kansas, and that the same is a correct exhibit and described as follows: Beginning at the SW cor. of the NE 1/4 of Sec. 25 T. 21 S. R. 1 W. Thence east 132.13 feet. Thence N 52.8 feet. Thence S of west with the south boundary of the Right of way of the W. & W. R. R. 131 feet to a point due north from the beginning. Thence south 374 feet to the beginning.

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

State of Kansas
County of Sedgewick, J.S.S.

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 surveyor's certificate above to be surveyed and plotted 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

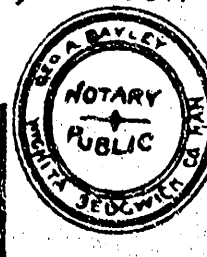
State of Kansas
County of Sedgewick, J.S.S.

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.

FILED 25 APRIL 1887 AND
RECORDED IN PLAT BOOK Q
PAGE 11.
H.D. HEISERMAN, REGISTER OF DEEDS
Geo. F. BEARSE, DEPUTY.

ENTERED IN
TRANSFER RECORD
APR 25 1887
E. P. FORD, CLERK.

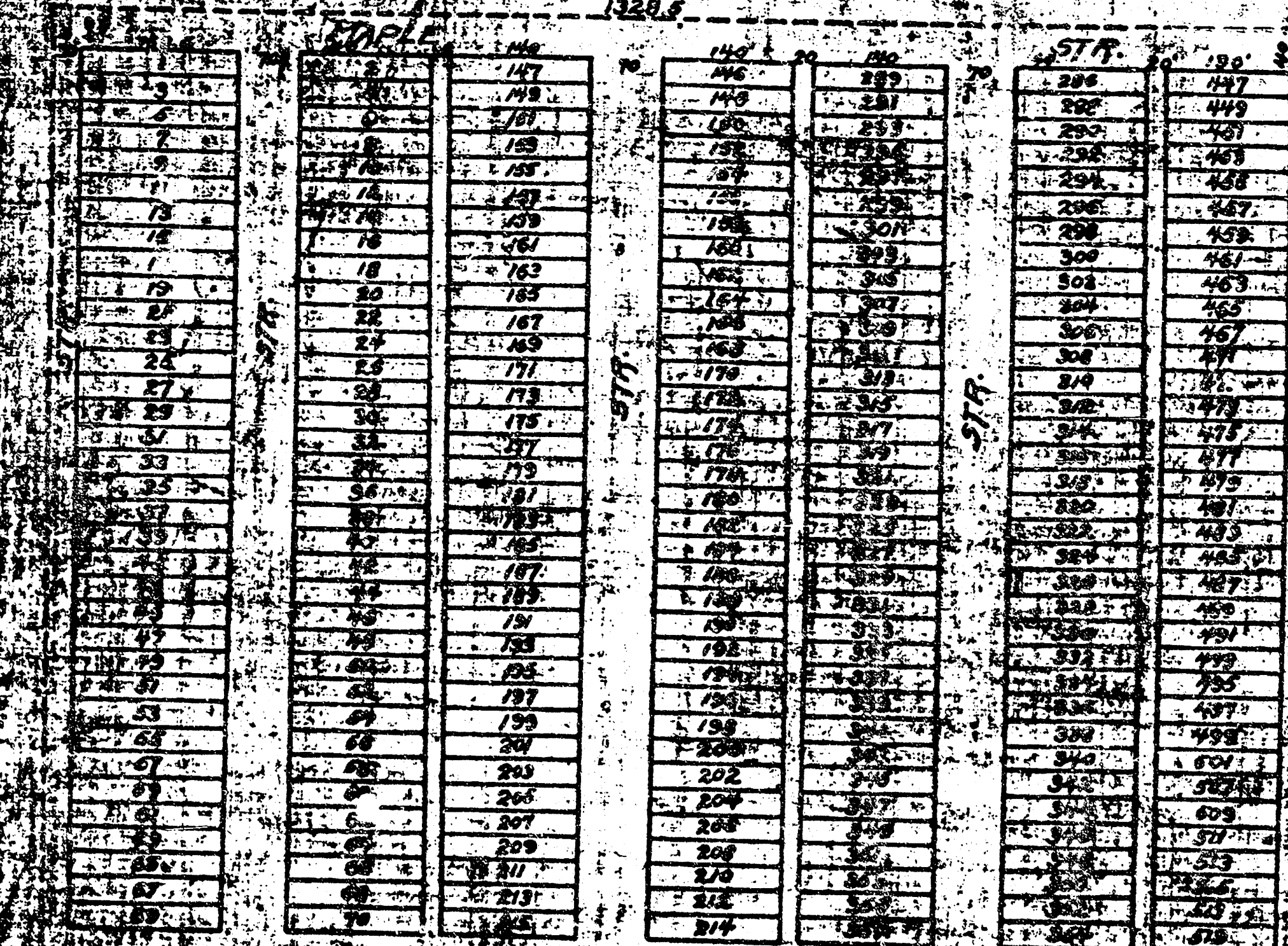


Geo. A. Bayley
Notary Public.

I, Joseph Bowman, Register of Deeds of Sedgewick 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. 1914.

Joseph Bowman
Register of Deeds.

MARTINSON'S 5TH ADDITION TO WICHITA KANSAS



The State of Kansas, J.S.S. I, Thomas A. Bayley, a surveyor in the City of Wichita in said State and County do hereby certify that I have surveyed and plotted into 100 lots the 5th Addition to the City of Wichita of which this map is a correct exhibit and which is described as follows: Beginning at the NE 1/4 of the NE 1/4 of Sec. 25 T. 21 S. R. 1 W. Thence east 132.13 feet. Thence N 52.8 feet. Thence S of west with the south boundary of the Right of way of the W. & W. R. R. 131 feet to a point due north from the beginning. Thence south 374 feet to the beginning.

Explanation: Width of all Streets, Avenues and alleys are as indicated by figures on the Map. All lots which front on Sheridan Avenue except fractional lots are 25 x 130 feet. All lots which front on Sumner Street are 25 feet wide and extend back to Grandview Street. (Except the fractional lot) said streets are 155.5 feet apart at N. and S. 155.5 feet at S. and fractional lots are 155.5 feet wide. All other lots are 25 x 130 feet.

The State of Kansas, J.S.S. I, Thomas A. Bayley, a surveyor in the City of Wichita in said State and County do hereby certify that I have surveyed and plotted into 100 lots the 5th Addition to the City of Wichita of which this map is a correct exhibit and which is described as follows: Beginning at the NE 1/4 of the NE 1/4 of Sec. 25 T. 21 S. R. 1 W. Thence east 132.13 feet. Thence N 52.8 feet. Thence S of west with the south boundary of the Right of way of the W. & W. R. R. 131 feet to a point due north from the beginning. Thence south 374 feet to the beginning.

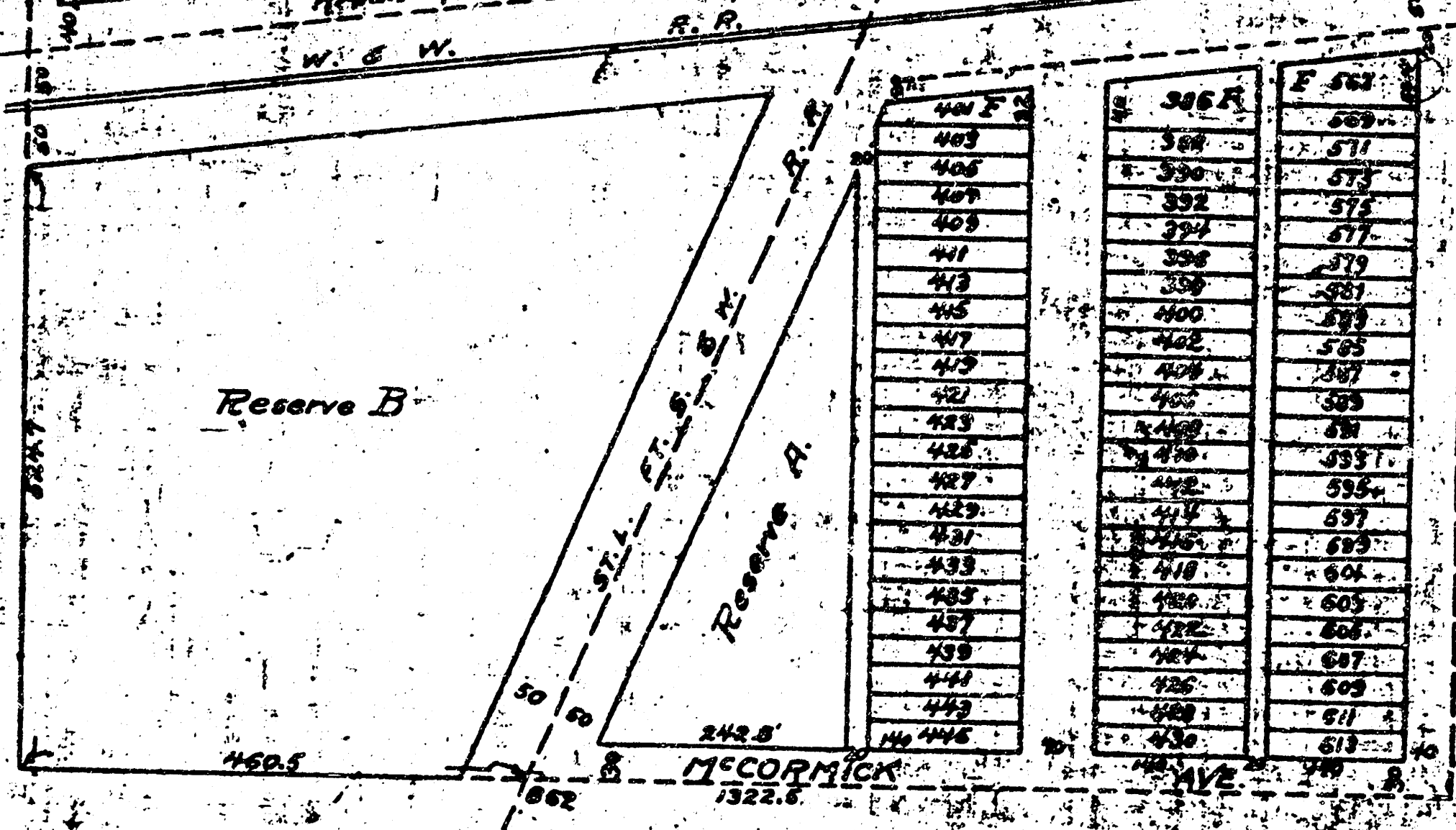
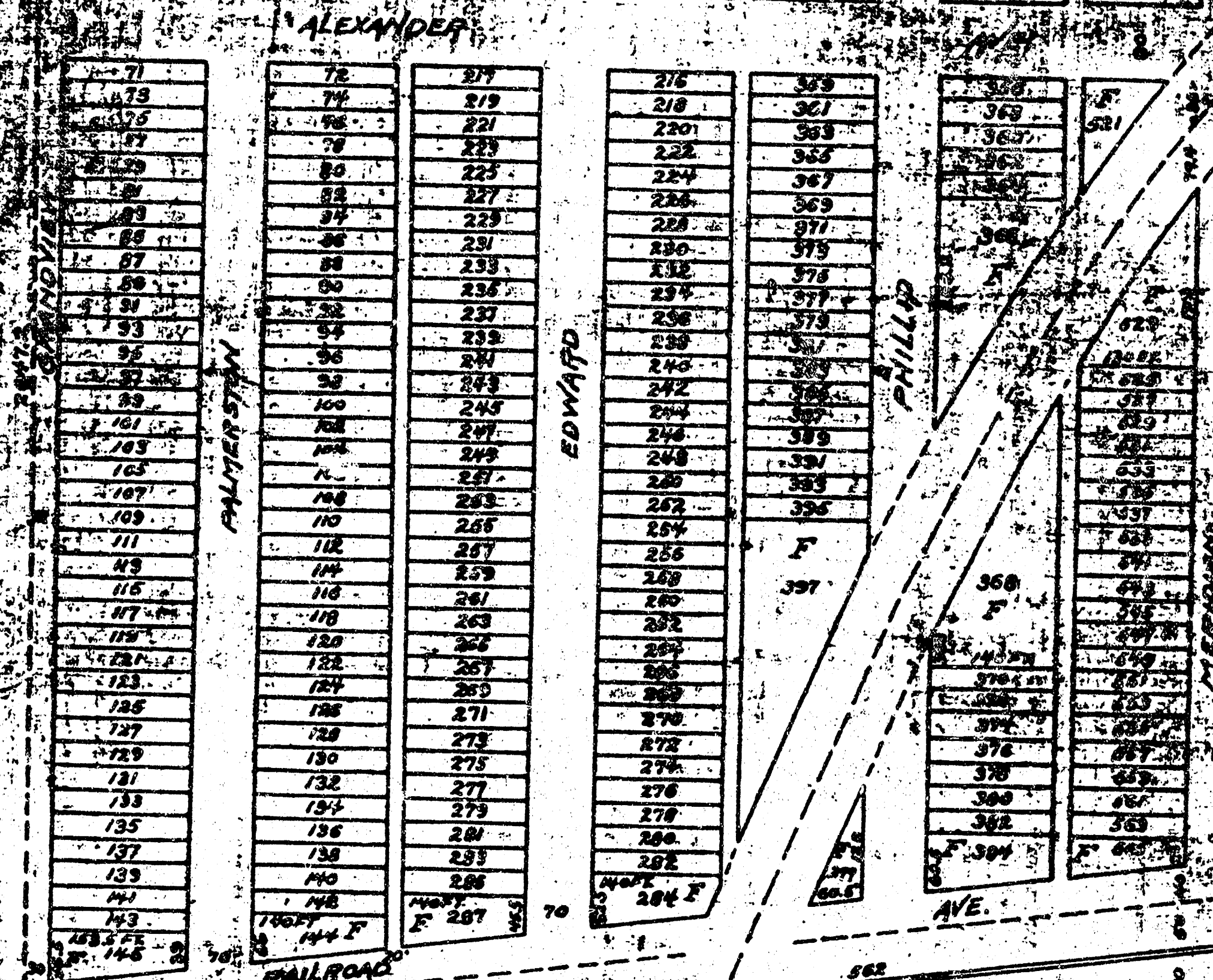
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Filed Nov. 6/86 and recorded in Vol. I, page 22.
H.D. HEISERMAN, Register of Deeds
R.C. DEEM, Deputy

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

Joseph Bowman, Register of Deeds of Sedgewick 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 1 day of Dec. 1925.

Joseph Bowman
REGISTER OF DEEDS



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