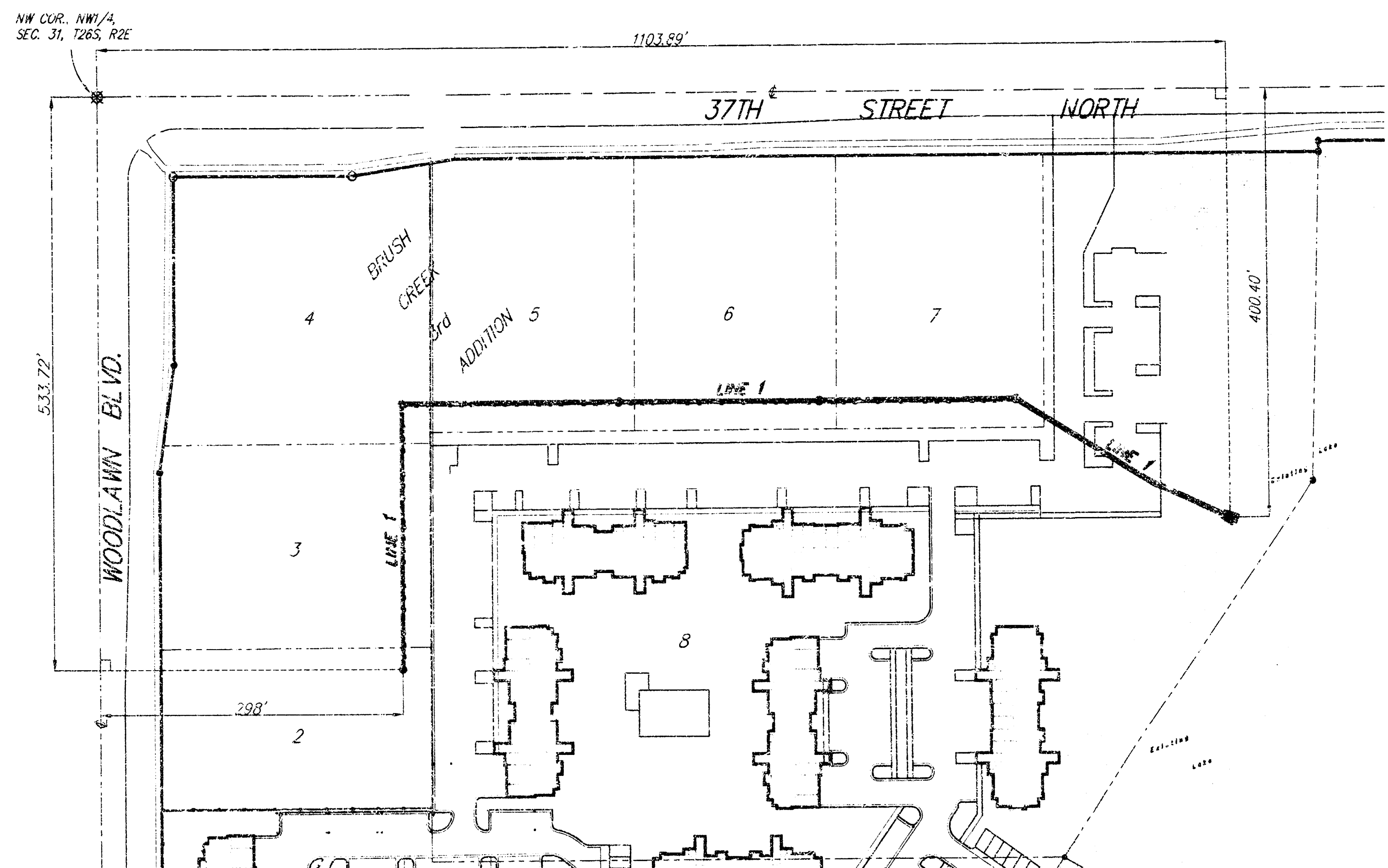


PRIVATE STORM WATER SEWER TO SERVE LOTS 2-8, BRUSH CREEK 3RD ADDITION

CITY OF WICHITA, KANSAS
Michael E. Lindebak, P.E. City Engineer

Private Project Number
869 PPS (607881)

DECEMBER, 1998



INDEX

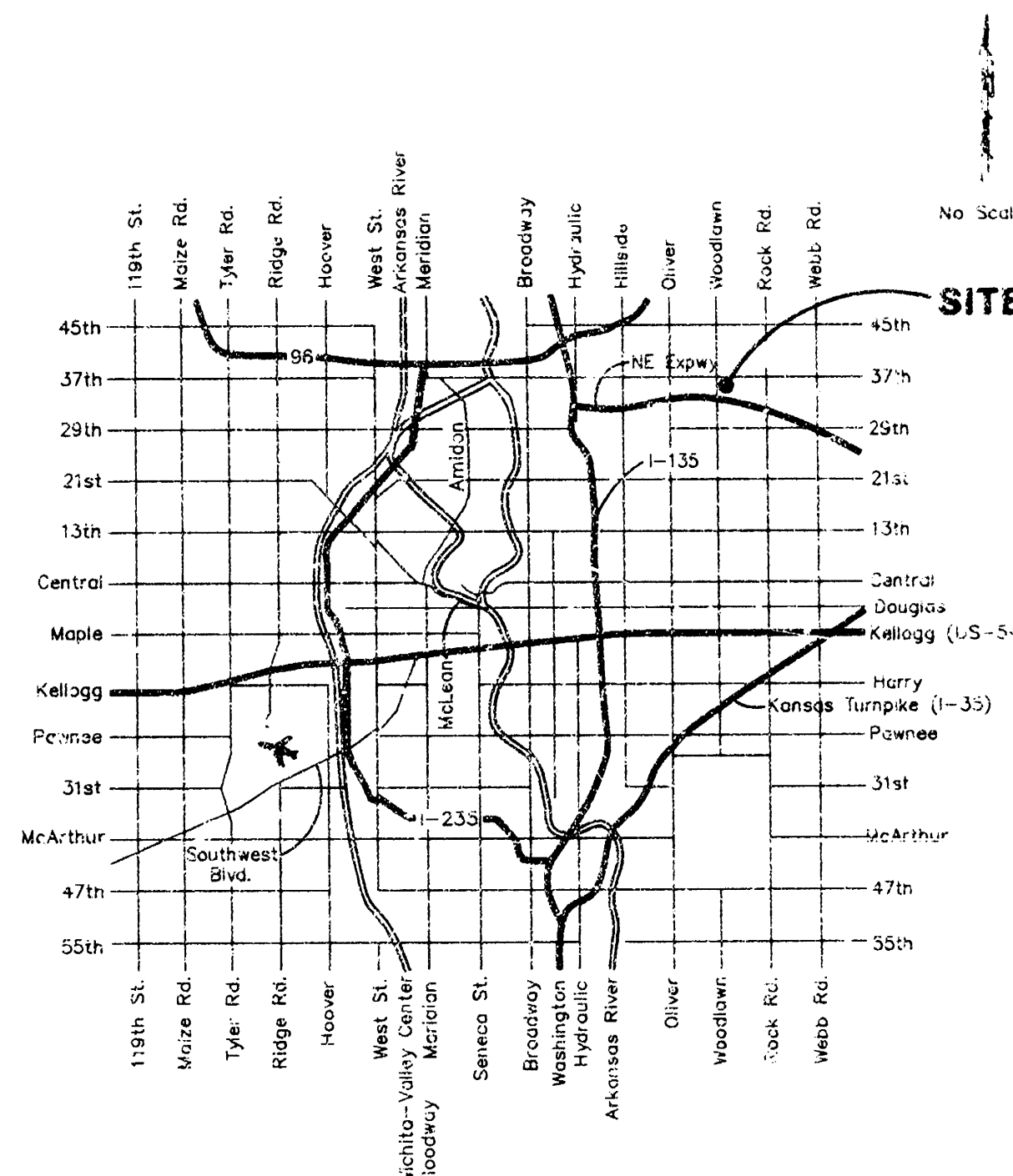
Title Sheet	1
Plan / Profile Sheets	2 - 4
Drop Inlet Detail	5
Special Yard Inlet Detail	6
Copy of Plan	7

GENERAL NOTES:

- 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.
- Contractor will be required to provide notice to utility companies a minimum of forty-eight (48) hours prior to any excavation, as follows:

Kansas One-Call	687-2470
Cablevision	262-0661
or	263-2061
Kansas Gas Service	383-8650
KGE	383-8600
Peoples Gas Company	942-9811
Southwestern Bell Telephone Company	800-344-7233
City of Wichita Water Department	268-4908
City of Wichita Sewer Maintenance	268-4071

The Contractor must notify the following in case of an emergency:
- 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.
- The locations of the existing utilities and water lines are per city and utility company records and have not been field verified. In the event that there is a conflict with the proposed construction and existing utilities, the contractor shall make necessary adjustments or use fittings as needed and shall allow for such conditions in his bid.
- All areas disturbed by construction operations shall be seeded with re grass at a rate of 6 lbs. per 1000 sq. feet or as per city specs. Contractor to prepare ground to city specifications.
- 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 law.



LOCATION MAP

BENCHMARK:

BM:
City of Wichita Benchmark Disc -
Woodlawn and 37th Street North, S.E. Corner
of intersection 75.7' east & 56.3' south of
centerline, both.
ELEV = 183.04 CITY DATUM

LEGAL DESCRIPTION:

Lots 2 - 8, Brush Creek 3rd Addition,
Wichita, Sedgwick County, Kansas.

LOCAL ADDRESS:

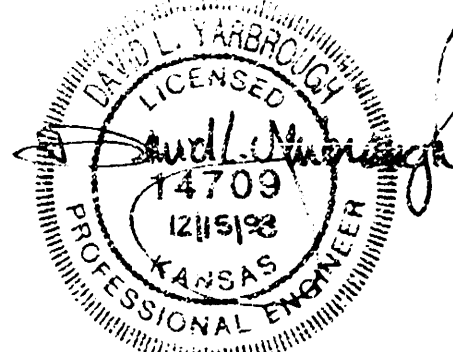
3650 N. Woodlawn Blvd.
Wichita, Kansas 67220

APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA

Storm Sewers **VRH 12/15/98**

NOTE TO CONTRACTORS

Installation, 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).



PROJECT INSPECTED + ASBUILT
BY BAUGHMAN COMPANY, P.A. 1/1/99

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING & PLANNING

BRUSH CREEK 3rd ADDITION

Existing Lake

RESERVE "B"

BENCHMARK:

BM: City of Wichita Benchmark Disc - Woodlawn and 37th Street North, S.E. Corner of intersection 75.7' east & 56.3' south of centerline, both.

ELEV. = 183.04 CITY DATUM

LEGAL DESCRIPTION:

Lots 2 - 8, Brush Creek 3rd Addition, Wichita, Sedgwick, County Kansas.

LOCAL ADDRESS:

3650 N. Woodlawn Blvd.
Wichita, Kansas 67220

0+00.0, Begin Line 1
Begin Construction Of
30" RCP w/30"
End Section
Flow = 165.00

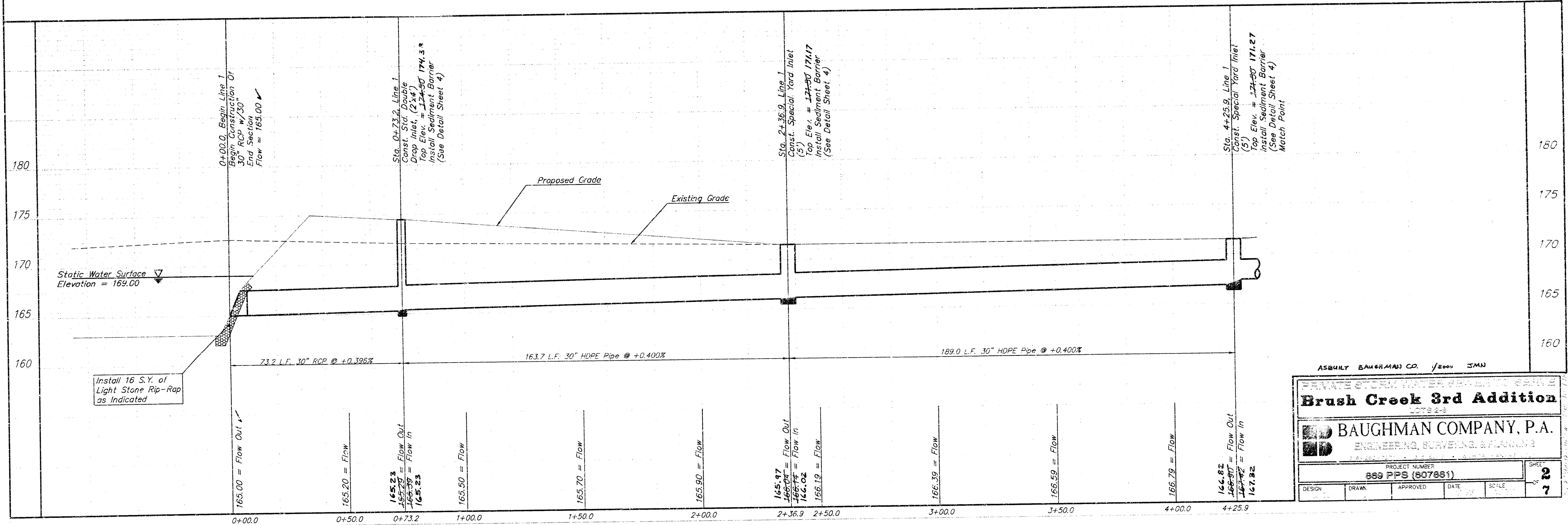
Install 16 S.Y. of
Light Stone Rip-Rap
as Indicated

Sta. 0+73.2, Line 1
Const. Std. Double
Drop Inlet, (2x4')
Top Elev. = 174.50
Install Sediment Barrier
(See Detail Sheet 4)

Sta. 2+36.9, Line 1
Const. Special Yard Inlet
(5')
Top Elev. = 171.17
Install Sediment Barrier
(See Detail Sheet 4)

Sta. 4+25.9, Line 1
Const. Special Yard Inlet
(5')
Top Elev. = 171.27
Install Sediment Barrier
(See Detail Sheet 4)
Match Point

SCALE:
1" = 20' HORIZONTAL
1" = 5' VERTICAL



ASBURY ENGINEERING CO. / 2000 JMN

Brush Creek 3rd Addition

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

PROJECT NUMBER
889 PPS (607881)

DESIGN: [] DRAWN: [] APPROVED: [] DATE: [] SCALE: [] SHEET: 2 OF 7

Sta. 4+25.9, Line 1
Match Point

BENCHMARK:

BM:
City of Wichita Benchmark Disc -
Woodlawn and 37th Street North, S.E. Corner
of Intersection 75.7' east & 56.3' south of
centerline, both.
ELEV. = 183.04 CITY DATUM

LEGAL DESCRIPTION:

Lot 1 & 8, Brush Creek 3rd Addition,
Wichita, Sedgwick County, Kansas.

LOCAL ADDRESS:

3650 N. Woodlawn Blvd.
Wichita, Kansas 67220

LOT 8

LOT 3

LOT 7

LOT 6

LOT 5

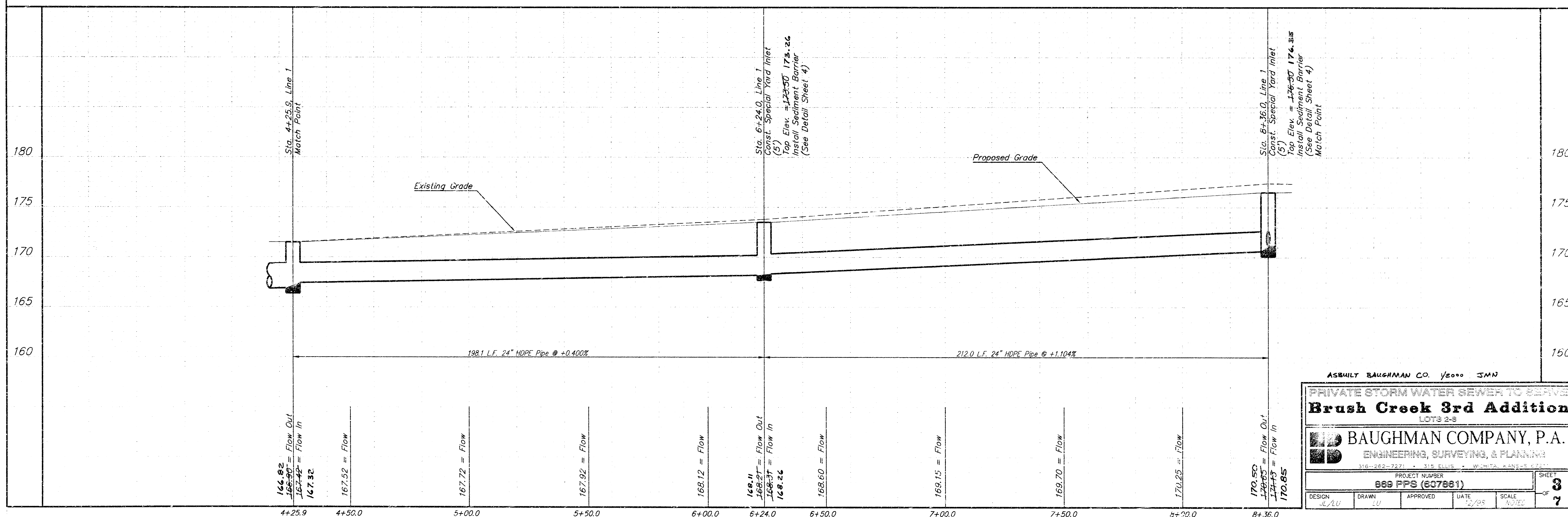
LOT 4

BRUSH
CREEK
3rd
ADDITION

Sta. 6+24.0, Line 1
Const. Special Yard Inlet
(5') 173.26
Top Elev. = 173.50
Install Sediment Barrier
(See Detail Sheet 4)

Sta. 8+36.0, Line 1
Const. Special Yard Inlet
(5') 176.35
Top Elev. = 176.50
Install Sediment Barrier
(See Detail Sheet 4)
Match Point

SCALE:
1" = 20' HORIZONTAL
1" = 5' VERTICAL

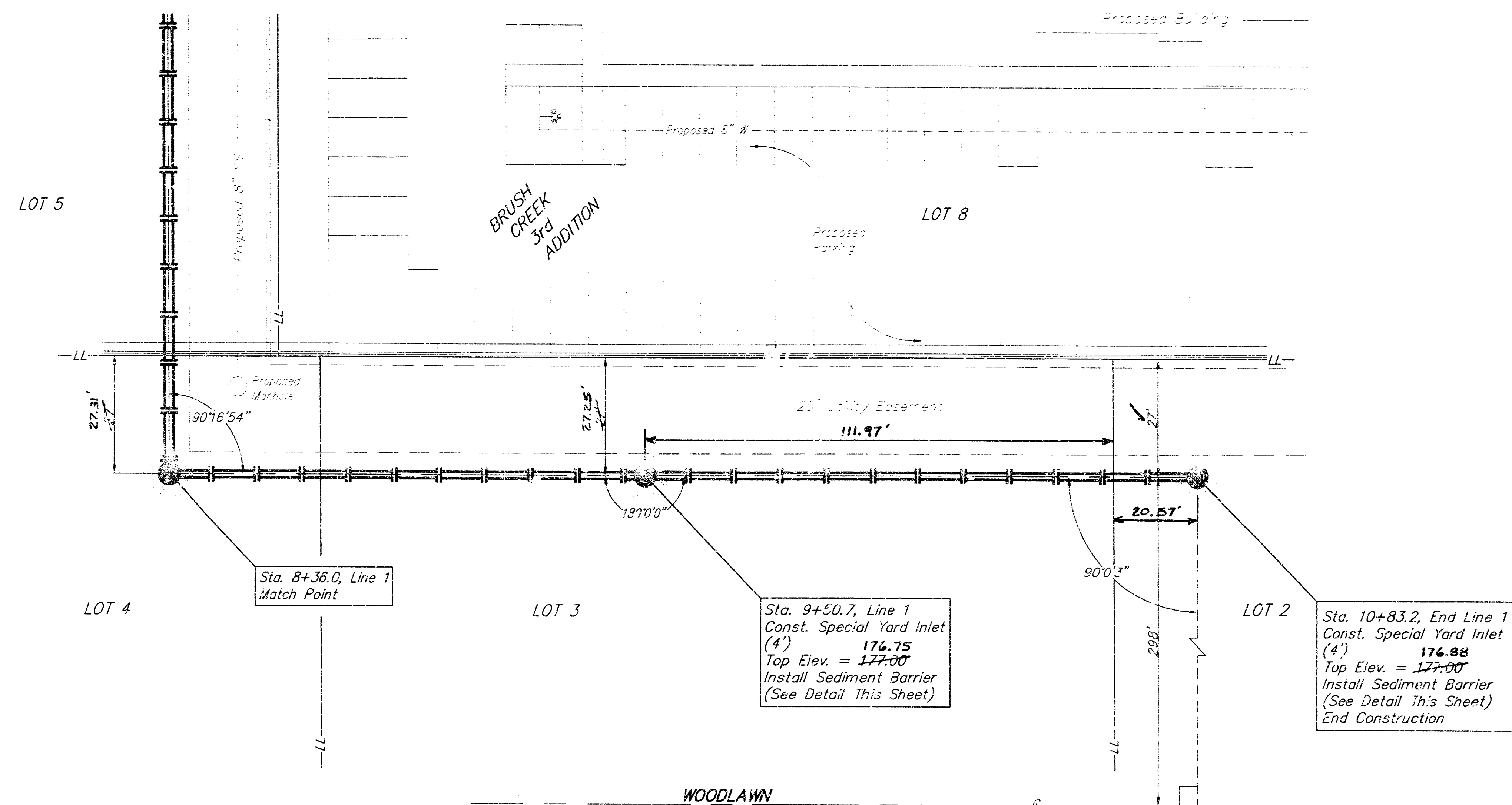


ASBUILT BAUGHMAN CO. 1/2000 JMN

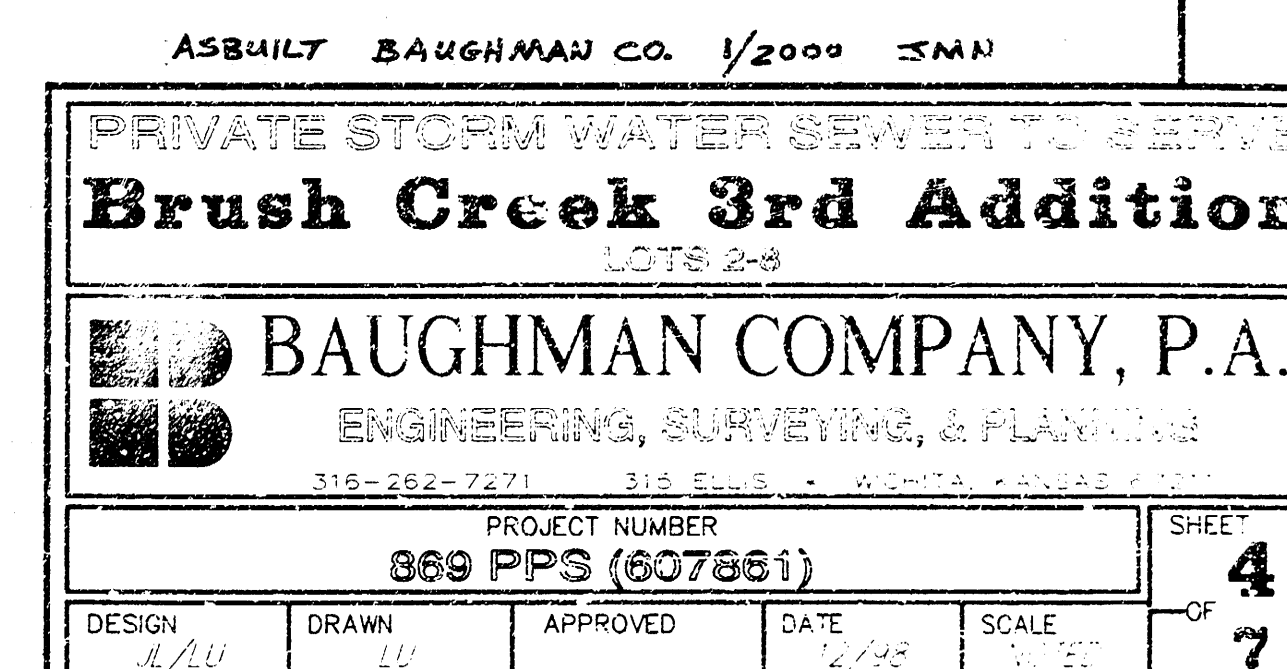
**PRIVATE STORM WATER SEWER TO SERVE
Brush Creek 3rd Addition**
LOTS 2-3

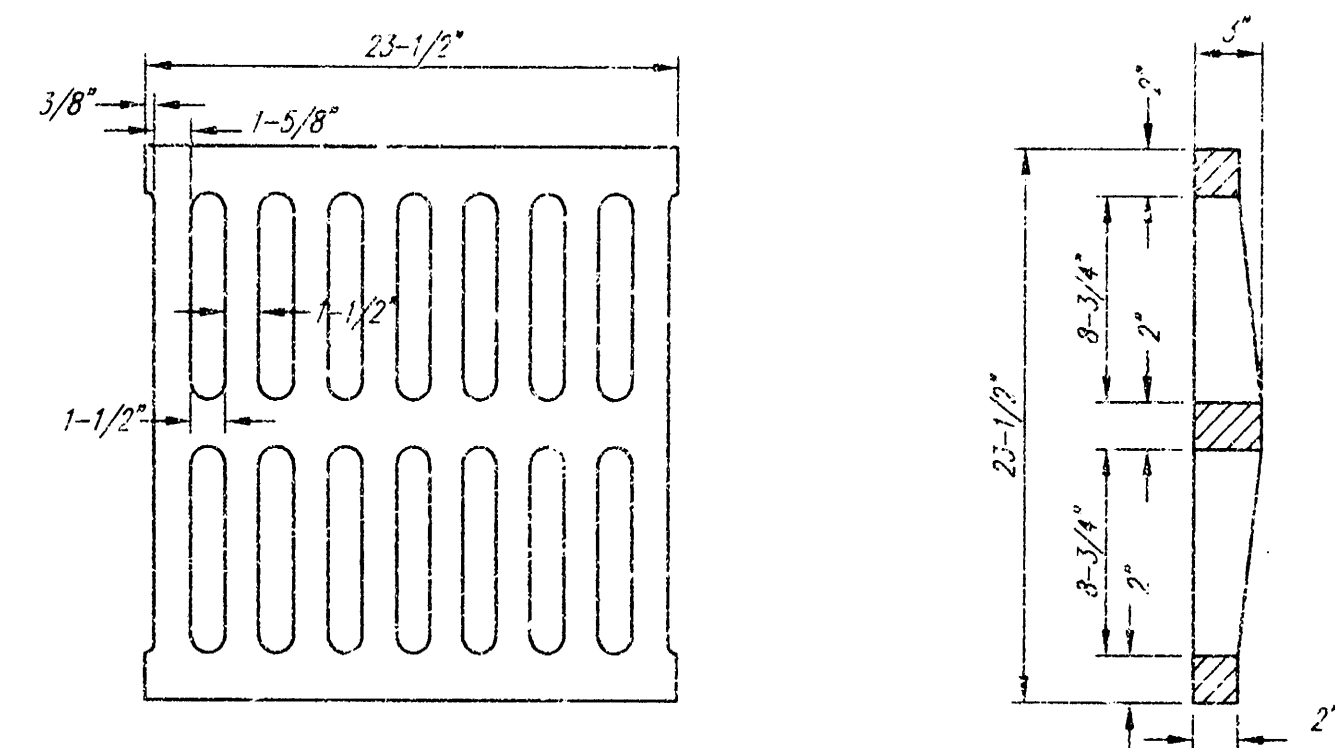
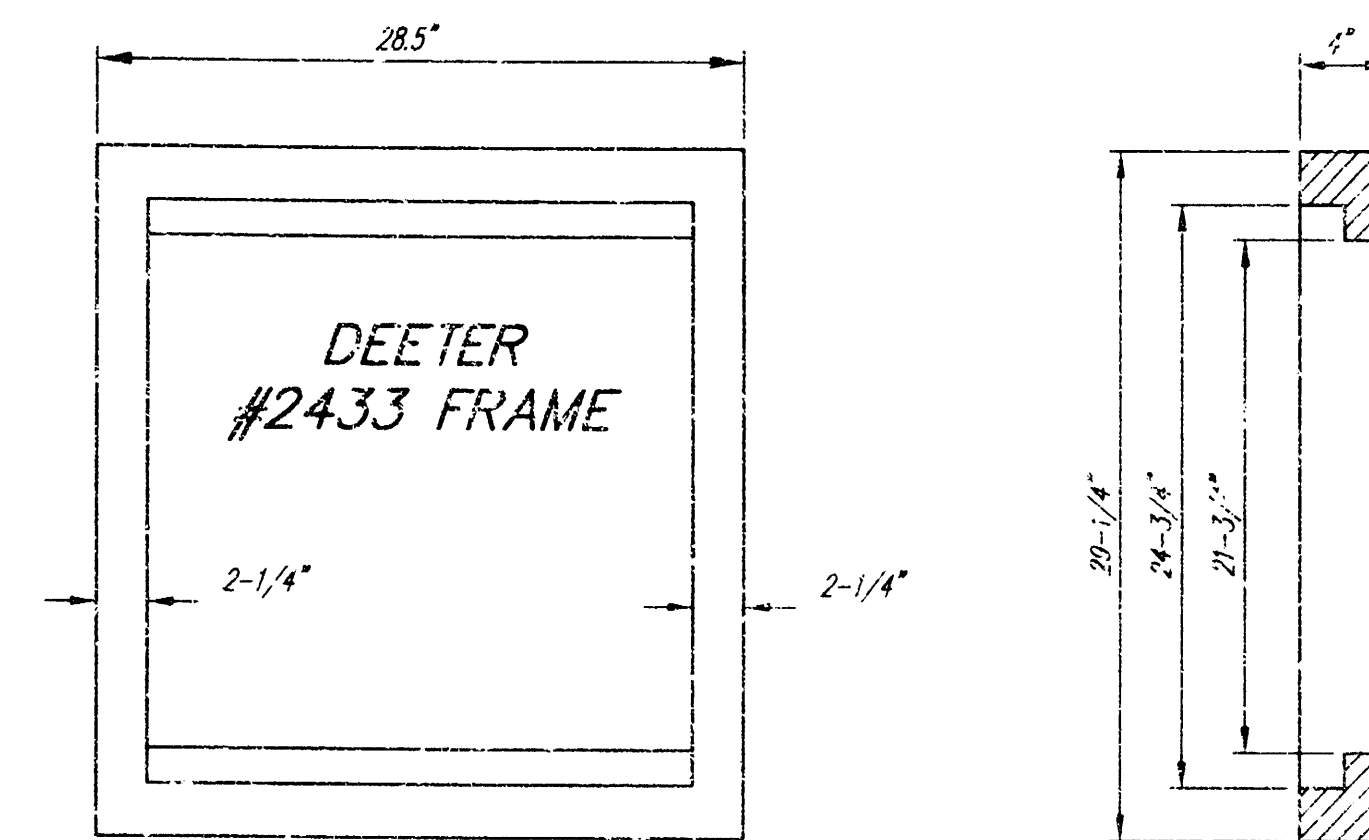
BAUGHMAN COMPANY, P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER 889 FPS (607881)				SHEET 3
DESIGN JL/LU	DRAWN LU	APPROVED	DATE 12/05	SCALE NOTED



3650 N. Woodlawn Blvd.
Wichita, Kansas 67220

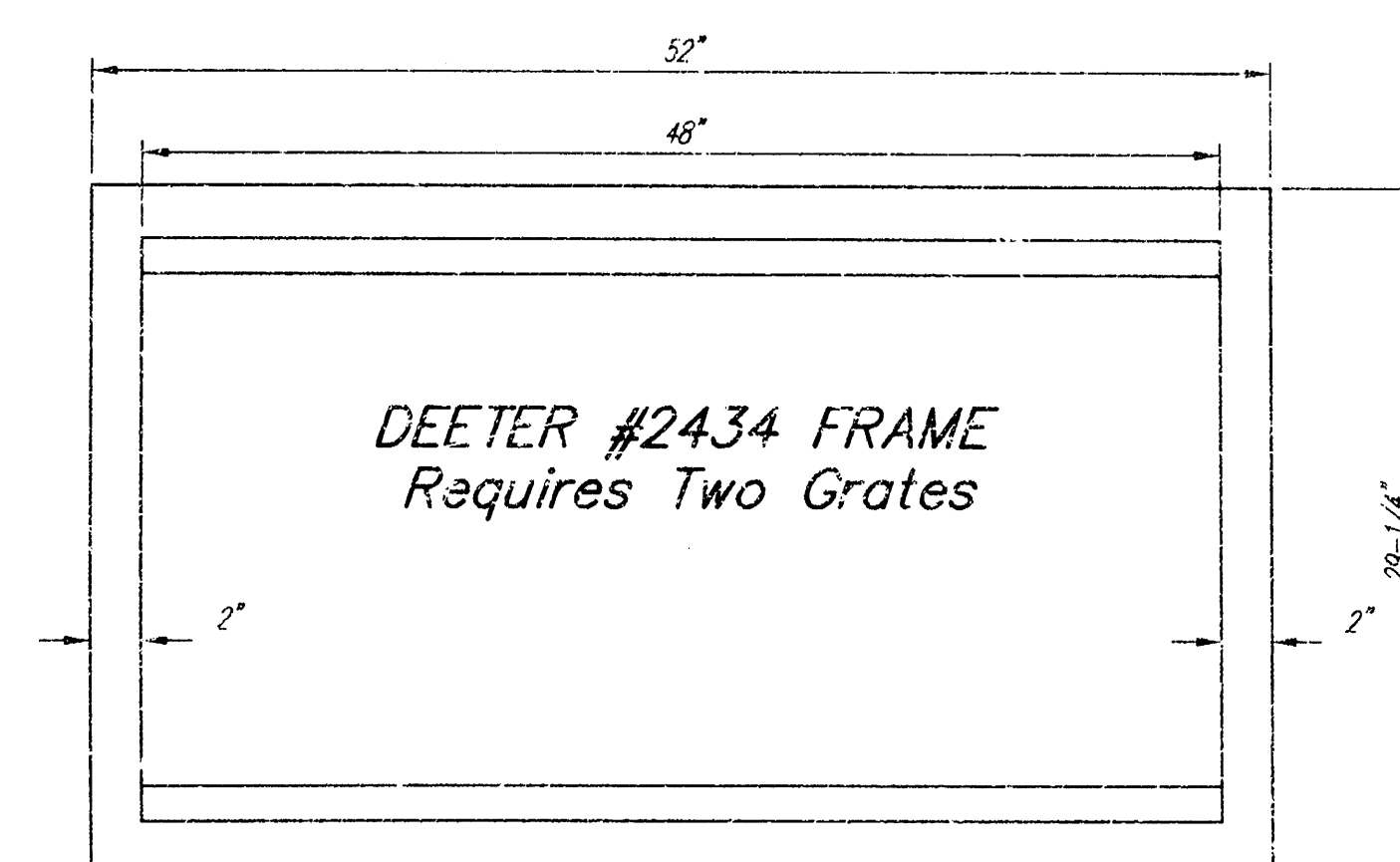




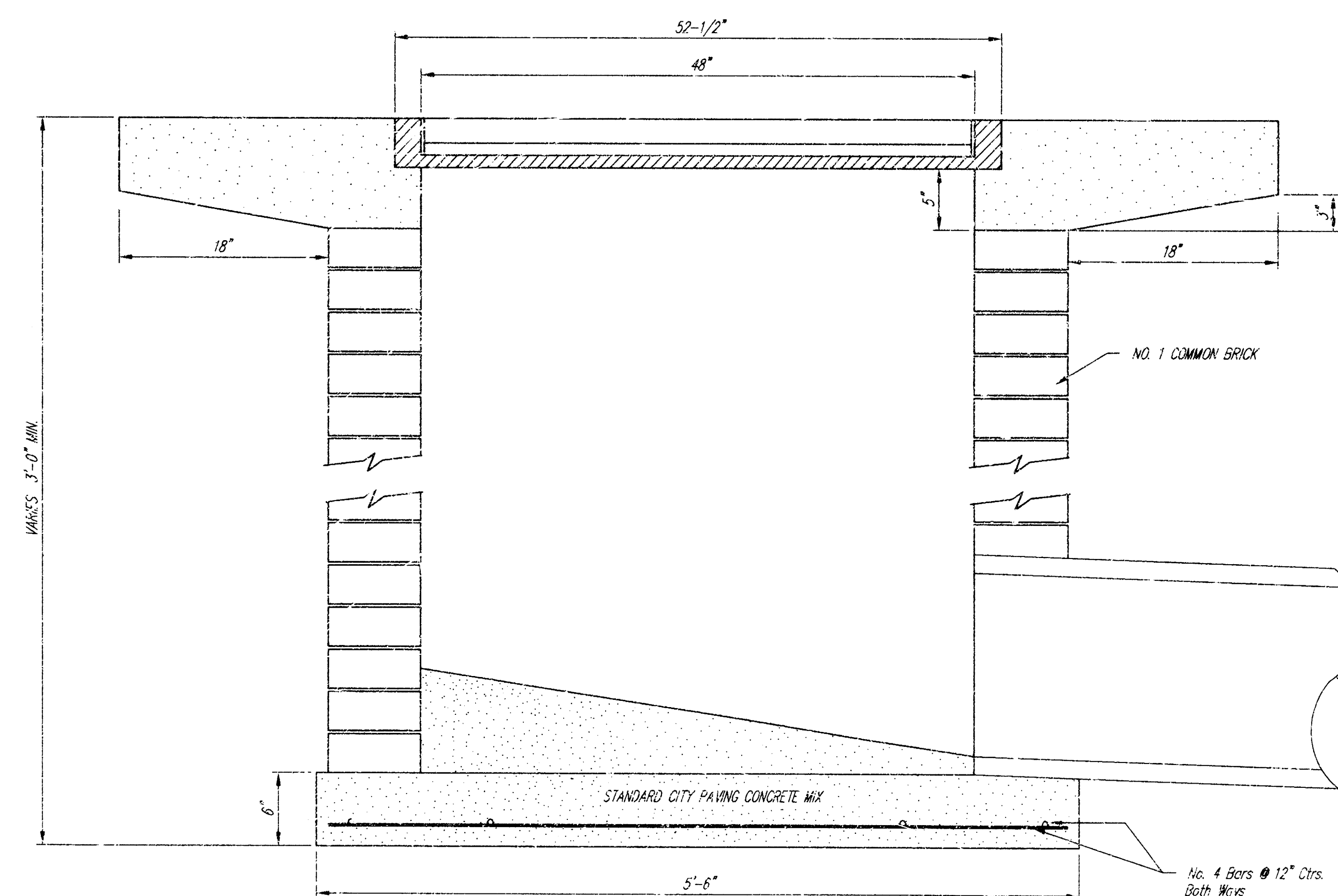
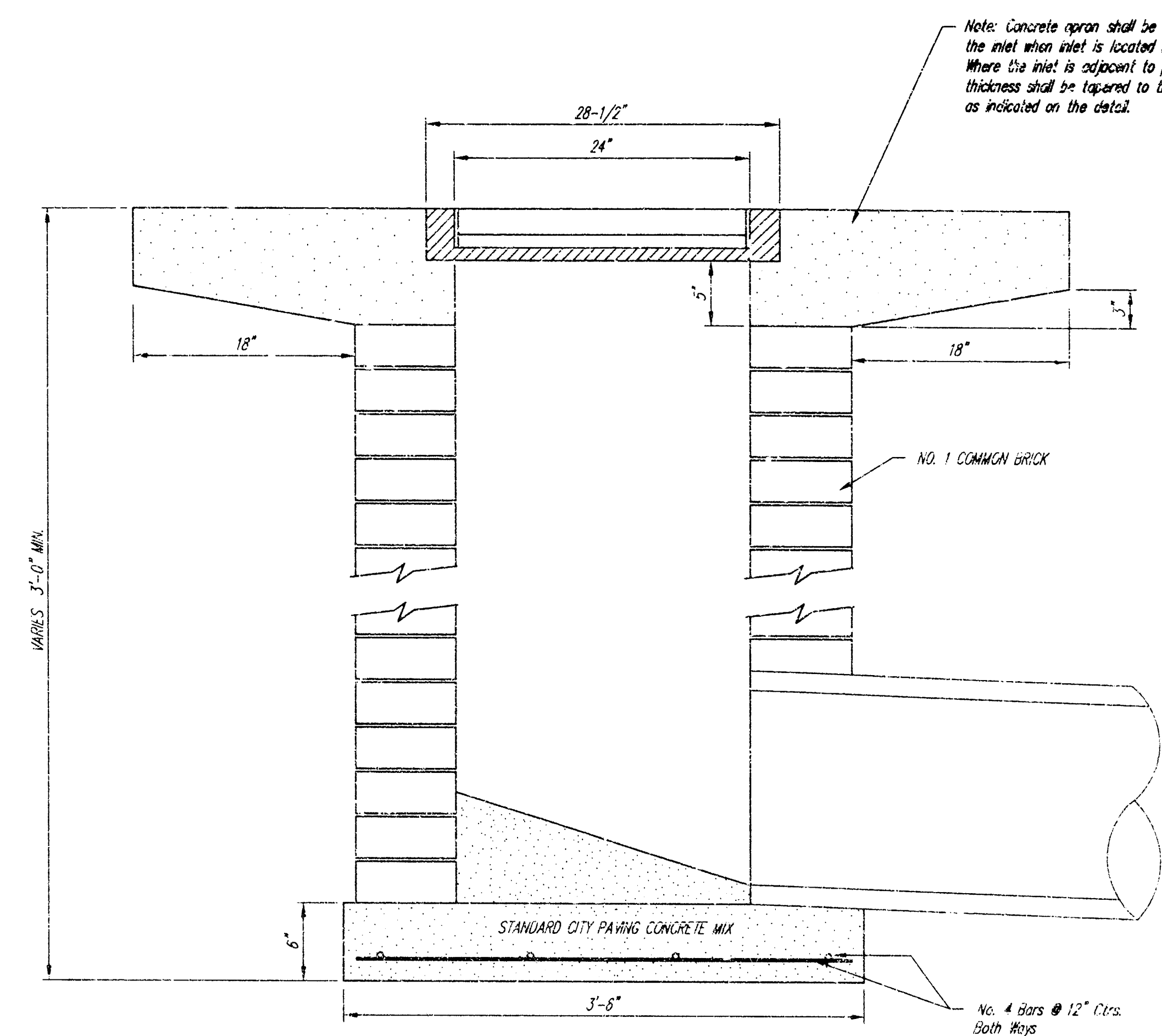
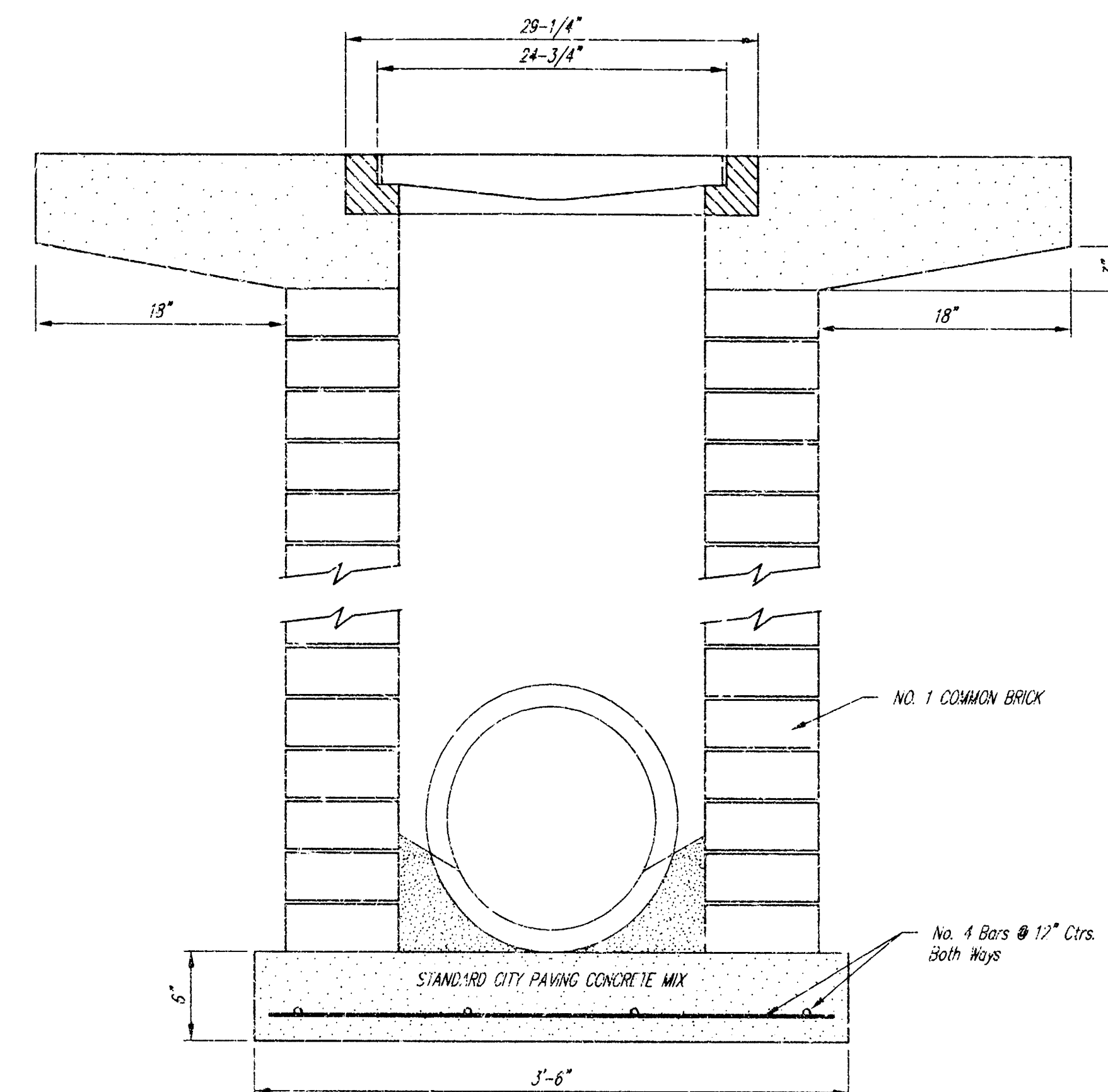
DEETER #2433 GRATE

24" x 24" Frame and Grate Detail

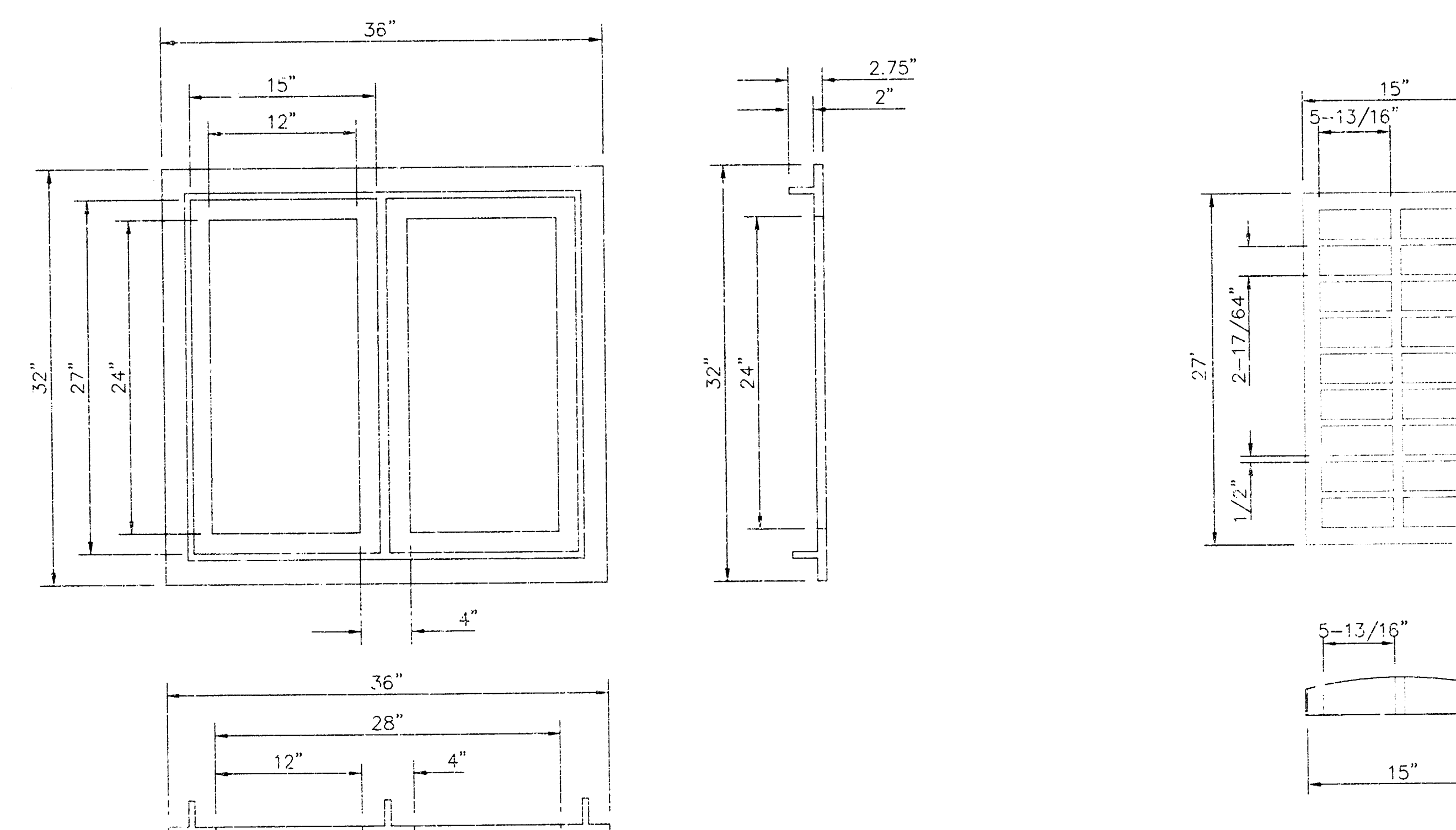
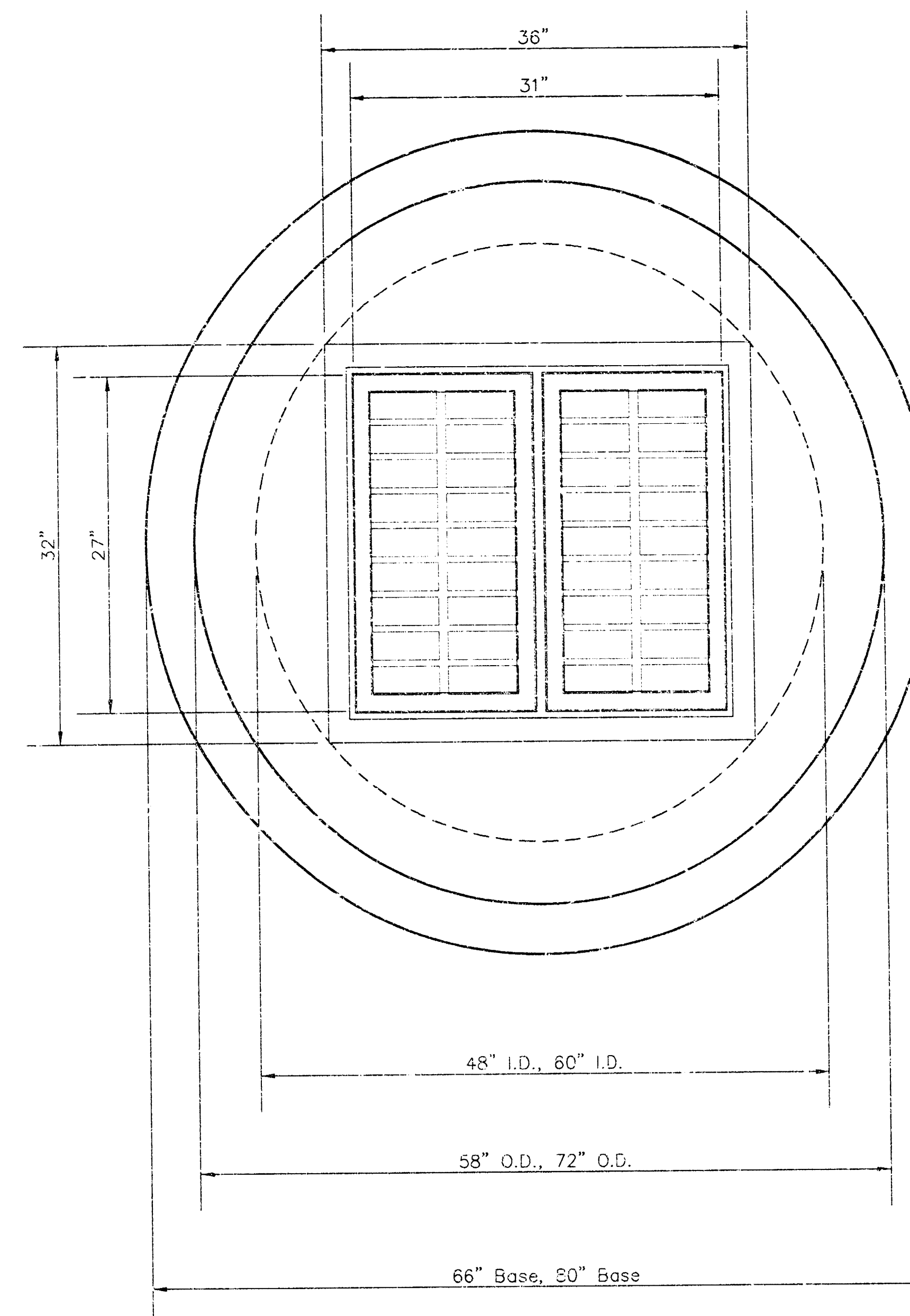
NOTE: Grates shall be imprinted on the top surface with "CITY OF WICHITA" using letters at least 1" in height. Other marking methods may be approved by the engineer.



Double 24" x 24" Frame Detail



DROP INLET				
BAUGHMAN COMPANY, P.A.				
ENGINEERING, SURVEYING, & PLANNING				
PROJECT NUMBER 669 PPS (607861)				SHEET 5
DESIGN STAFF	DRAWN STAFF	APPROVED	DATE	SCALE

[illegible]

1. Mortar used in masonry construction shall contain 8 sacks of cement per cubic yard. Concrete used in yard inlet bases shall conform to the requirements of concrete for concrete pavement construction as specified in the city standard paving specifications using city concrete cement mix without air entraining.
2. Reinforcing steel shall be installed in the yard inlet base and shall consist of no. 4 bars placed on 6" centers in both directions. The yard inlet base reinforcement shall be placed 6" above the bottom of the yard inlet base. All costs for furnishing and installing reinforcing steel shall be included in the unit price bid for the yard inlet.
3. The floors of oil yard inlet shall be shaped with flow channels such that the inlets will be self cleaning and free of areas where solids could be deposited. Flow channels shall be formed to match the bottom halves of the inflowing pipes and the outflowing pipe as shown by the drawings. Inlet floors shall have slopes of 3 inches per foot in the areas outside of the flow channels sloped toward the flow channels. Pipes laid through inlets shall have the top half removed to neat lines for the full inside diameter of the inlet. Inlet floors shall then be shaped around the bottom half of the pipe which forms the flow channel.
4. Pipes installed within the excavation made for the inlet shall be cradled with concrete to the limits of the inlet excavation. When clay pipe is used, the cradle shall extend to the first joint outside the inlet. The cradle shall be terminated at the clay pipe joint in a manner which will maintain the flexibility of the joint. Cost of cradle within inlet excavation or to clay pipe joints adjacent to inlet shall be included in the unit price bid for the inlet.
5. Inlet grate castings and inlet frame castings shall conform to the requirements as indicated in the standard specifications and as shown in the standard detail drawing.
6. The crowns of inflowing pipes shall never be set lower than the crown of the outflowing pipe.
7. Joints between inlet sections to be sealed with two wraps of extruded butyl rubber joint mastic meeting City of Wichita Type "P" Manhole Specifications.
8. Special yard inlet shall be paid for at the unit price bid per each. All standard yard inlet diameters will be 4'.

BRUSH CREEK 3RD ADDITION WICHITA, SEDGWICK COUNTY, KANSAS

State of Kansas) SS We, Baughman Company, P.A., Surveyors in
Sedgwick County) aforesaid County and State do hereby certify that we have surveyed
and plotted "BRUSH CREEK 3RD ADDITION", Wichita, Sedgwick County,
Kansas and that the accompanying plat is a true and correct exhibit
of the property surveyed, described as follows: A replat of Lots 1,
2, and 3, Block 1, Brush Creek Addition, Wichita, Kansas.

All being situated in the NW1/4 of Sec. 31, Twp. 26-S,
R-2-E of the 6th P.M., Sedgwick County, Kansas.

Existing public easements and dedications being vacated by virtue
of K.S.A. 12-512(b).

Baughman Co., P.A.

Michael G. Conrey Surveyor
Michael G. Conrey

This plat of "BRUSH CREEK 3RD ADDITION",
Wichita, Sedgwick County, Kansas has been submitted to and
approved by the Wichita, Sedgwick County, Metropolitan Area Planning
Commission, Wichita, Kansas.
Dated this 16th day of April, 1998.
Wichita-Sedgwick County Metropolitan Area Planning Commission



Richard Lopez Chairman
Richard Lopez
Marvin S. Krout Secretary
Marvin S. Krout

This plat approved and all dedications
shown hereon accepted by the City Council of the City of Wichita,
Kansas, this 7th day of July, 1998.

Bob Knight Mayor
Bob Knight
Pat Burnett City Clerk
Pat Burnett

Entered on transfer record this 17th day of July, 1998.

James Alford County Clerk
James Alford

State of Kansas) SS This is to certify that this plat has been
Sedgwick County) filed for record in the office of the Register of Deeds, this 17th day
of July, 1998, at 11:21 o'clock A.M., and is duly
recorded.

W. B. Carter Construction Co., Inc.

Jack K. Stamp Vice-President
Jack K. Stamp

State of Missouri) SS The foregoing instrument acknowledged be-
fore me, this 20th day of May, 1998, by Earl A.
Steward III, a Joint Venturer of Brushcreek Community, Joint Venture,
personally known to me to be the same person who executed the
within instrument of writing and such person duly acknowledged the
execution of the same.

In testimony whereof, I have hereunto set my hand and affixed
my official seal the day and year above written.

Kevin V. Harris Notary Public
Kevin V. Harris
My App'l. Exp. 11-16-98

State of Kansas) SS The foregoing instrument acknowledged be-
fore me, this 5th day of June, 1998, by William L.
Karber, a Joint Venturer of Brushcreek Community, Joint Venture,
personally known to me to be the same person who executed the
within instrument of writing and such person duly acknowledged the
execution of the same.

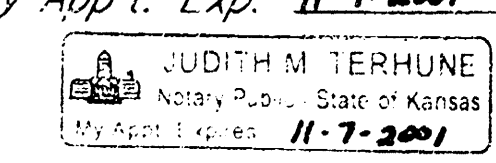
In testimony whereof, I have hereunto set my hand and affixed
my official seal the day and year above written.

Judith M. Terhune Notary Public
Judith M. Terhune
My App'l. Exp. 11-7-2001

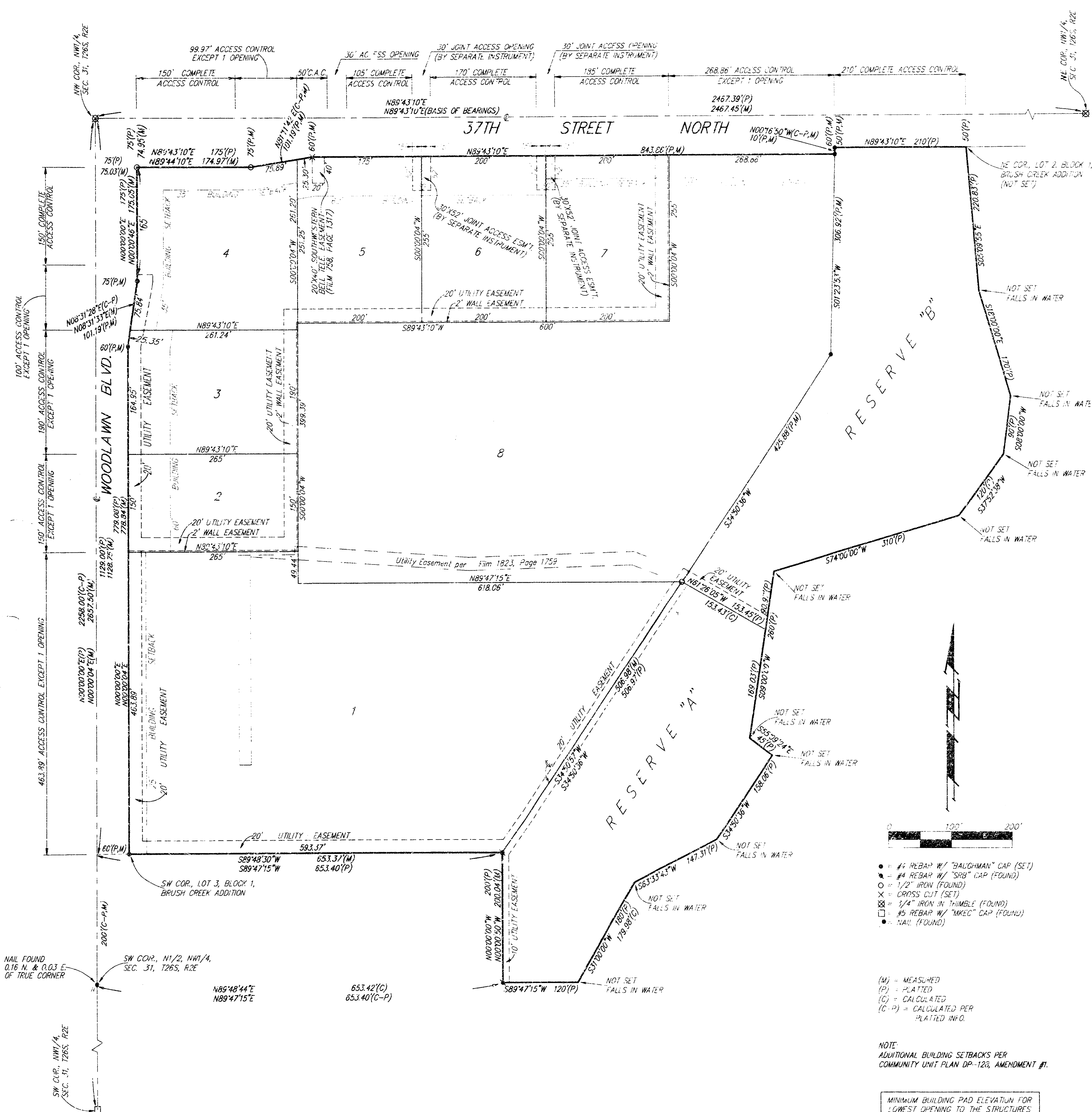
State of Kansas) SS The foregoing instrument acknowledged be-
fore me, this 3TH day of JUNE, 1998, by Jack K.
Stamp, Vice-President of W.B. Carter Construction Co., Inc., a Joint
Venturer of Brushcreek Community, Joint Venture, personally
known to me to be the same person who executed the within
instrument of writing and such person duly acknowledged the
execution of the same.

In testimony whereof, I have hereunto set my hand and affixed
my official seal the day and year above written.

Judith M. Terhune Notary Public
Judith M. Terhune
My App'l. Exp. 11-7-2001



BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING & PLANNING



- 1/4\"

(M) - MEASURED
(P) - PLATTED
(C) - CALCULATED
(C-P) - CALCULATED PER
PLATTED INFO.

NOTE:
ADDITIONAL BUILDING SETBACKS PER
COMMUNITY UNIT PLAN OP-120, AMENDMENT #1.

LOT	ELEVATION
1	175.6
2	175.6
3	175.6

BENCHMARK:
CITY OF WICHITA BENCHMARK (PSC - WOODLAWN AND 37TH ST. NW,
SE COR. OF INTERSECTION, 75.7 E & 56.5 S. OF Q. 8001,
ELEVATION = 183.04 (CITY DATUM)

20.00
CK