

STORM WATER SEWER EXTENSIONS TO SERVE
STERLING FARMS 5TH ADDITION
MINER MIKE'S ADVENTURE ZONE

Private Project Number

568 PPS (607861)

CITY OF WICHITA, KANSAS

Michael E. Lindebak City Engineer

General Notes

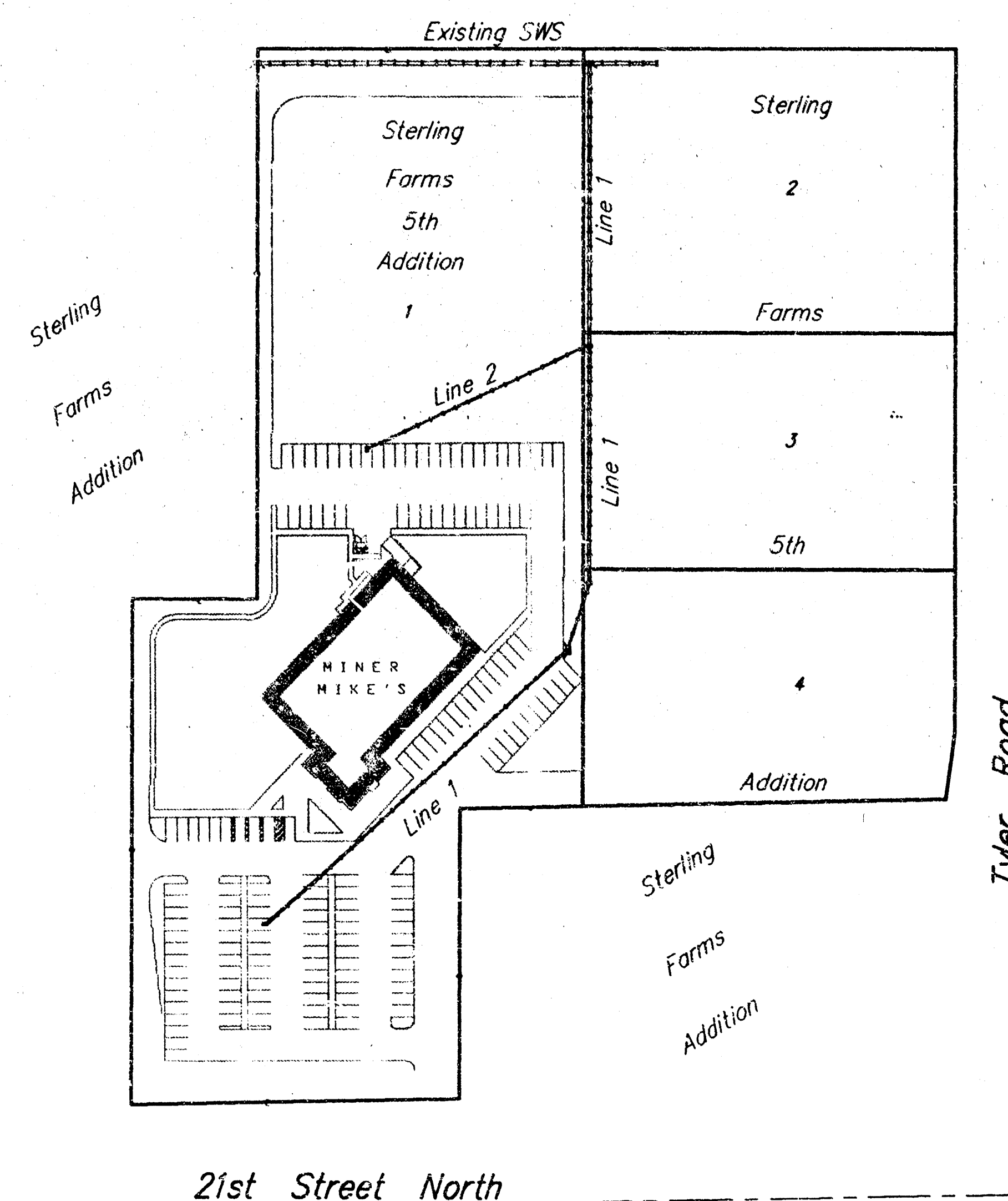
1. Contractor will be required to provide notice to utility companies a minimum of twenty-four (24) hours prior to any excavation, as follows:

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 383-8650
Kansas Gas & Electric Company 383-8600
Arkla Gas Company 942-8350
Southwestern Bell Telephone Company 1-571-2611
City of Wichita Water Department 268-4908
City of Wichita Sewer Maintenance 268-4071

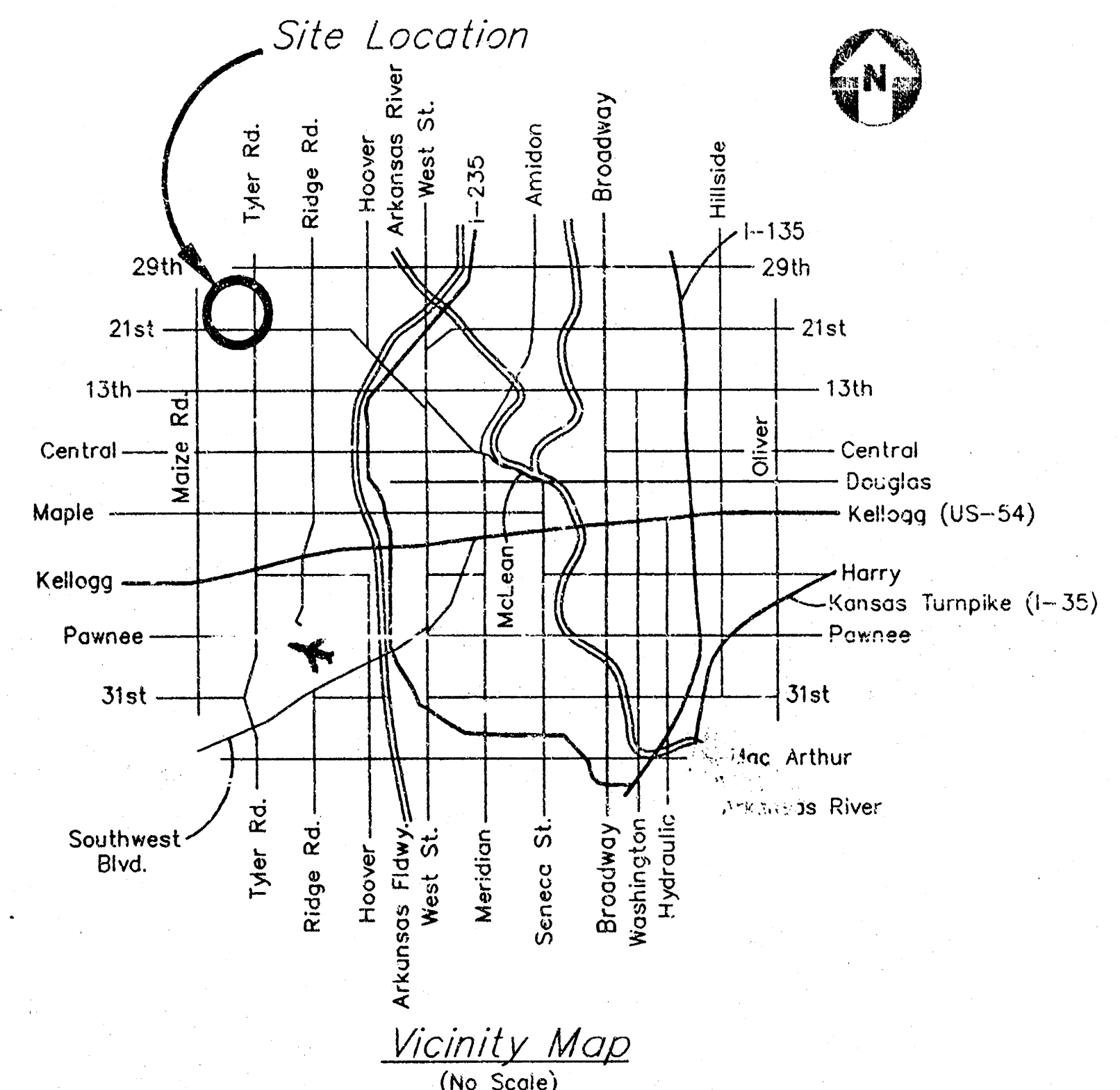
2. Underground utility service lines and overhead utility pole lines are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor or unless the plans specifically identify a utility to be adjusted by its owner during construction. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. Location information has been obtained from the various utility companies and is either from company record drawings or company provided field locations. The Contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.
3. 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 shall not be approved.
4. 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.
5. The Contractor shall give all property owners and/or tenants of developed property directly abutting the construction of this project a minimum of ten (10) days advance notice prior to start of construction.
6. 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.
7. The Contractor shall seed all areas disturbed by construction operations as per City of Wichita Specifications for temporary seeding.



Scale: 1" = 100'

INDEX:

1. Title Sheet
2. Line 1
3. Line 1
4. Line 2
5. Standard Type 1A Inlet Details
6. Standard Drop Inlet Details
7. Copy of Plot



APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA

Sanitary Sewers _____
Storm Sewers VRH 6/29/95
Driveway Approaches _____
Water Mains _____
Paving _____

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 is 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).



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

BENCHMARK:

City of Wichita Benchmark located 73.6' North and 53.3' East of the Intersection of the Center Lines of Tyler and 21st Street North. Elevation = 170.95 City Datum

STERLING FARMS 5TH ADDITION

SCALE:
1"=20' Horizontal
1"=5' Vertical
= Iron

Sta 0+00 - Line 1
Proposed Std. Type 1A
Curb Inlet By 'Others'.
Connect to Inlet &
Extend 24" Line South

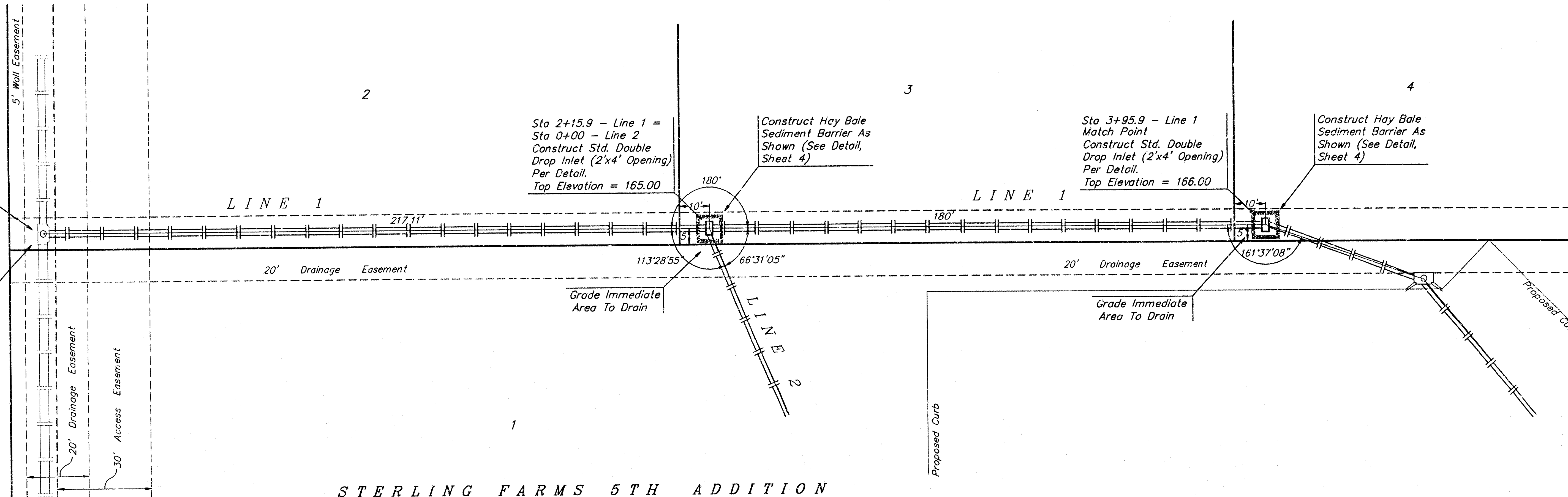
VERIFY Location
& Flow of Inlet

Sta 2+15.9 - Line 1 =
Sta 0+00 - Line 2
Construct Std. Double
Drop Inlet (2'x4' Opening)
Per Detail,
Top Elevation = 165.00

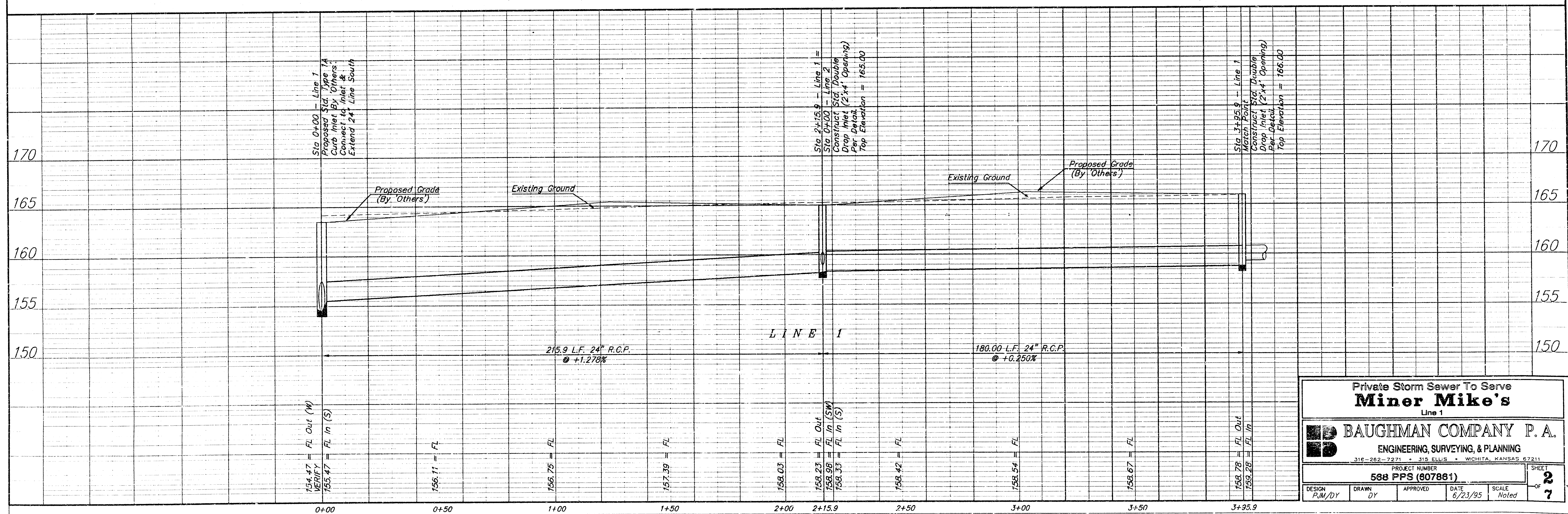
Construct Hay Bale
Sediment Barrier As
Shown (See Detail,
Sheet 4)

Sta 3+95.9 - Line 1
Match Point
Construct Std. Double
Drop Inlet (2'x4' Opening)
Per Detail,
Top Elevation = 166.00

Construct Hay Bale
Sediment Barrier As
Shown (See Detail,
Sheet 4)



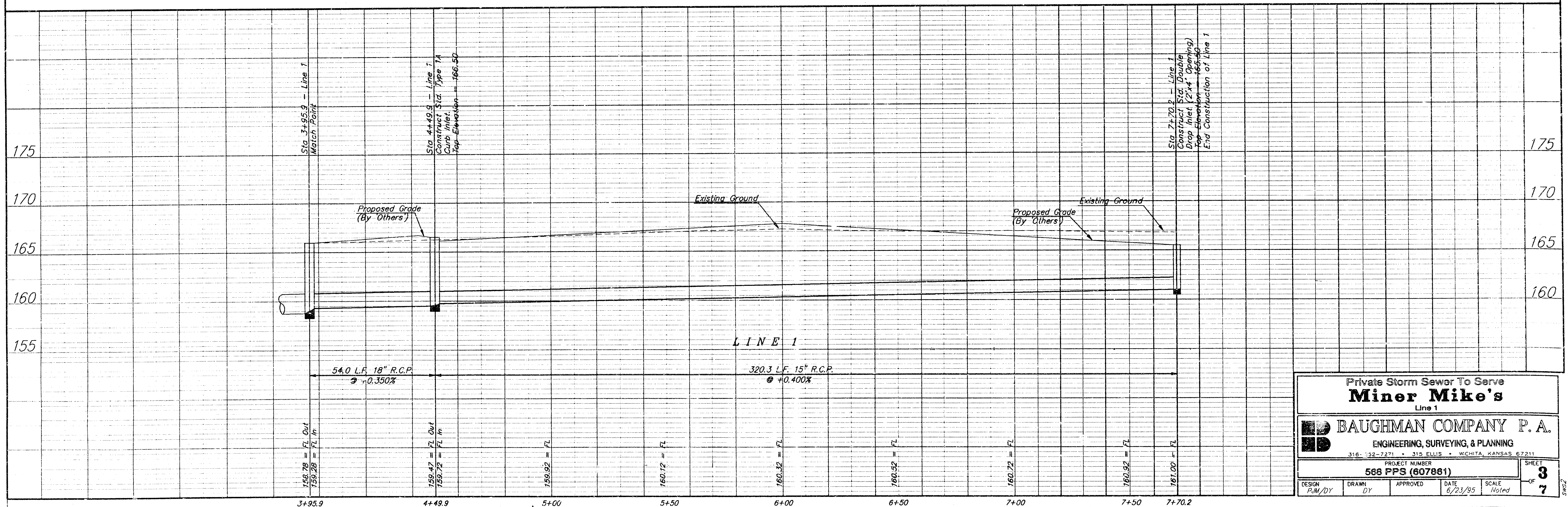
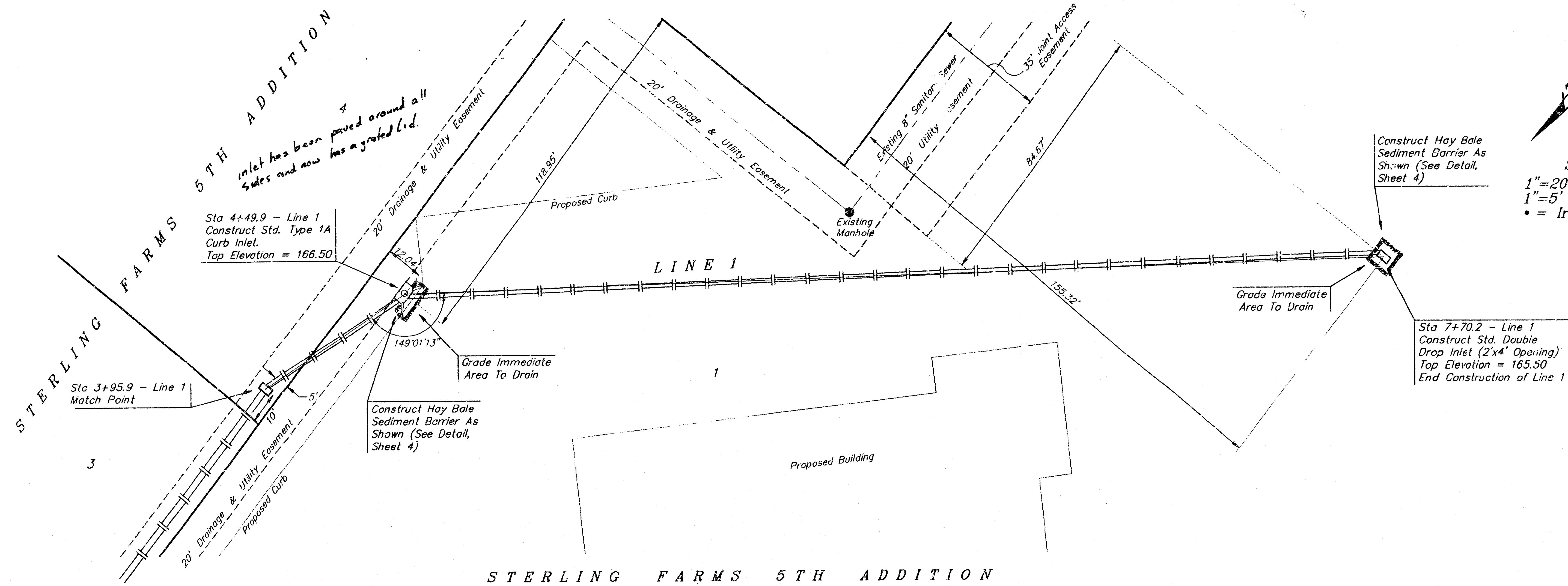
STERLING FARMS 5TH ADDITION



Private Storm Sewer To Serve Miner Mike's			
Line 1			
BAUGHMAN COMPANY P. A. ENGINEERING, SURVEYING, & PLANNING			
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211			
PROJECT NUMBER 588 PPS (807881)			
DESIGN P.M./D.Y.	DRAWN D.Y.	APPROVED	DATE 6/23/95
SCALE Noted		SHEET 2 OF 7	

BENCHMARK:

City of Wichita Benchmark located 73.6' North and 53.3' East of the Intersection of the Center lines of Tyler and 21st Street North. Elevation = 170.95 City Datum



Private Storm Sewer To Serve
Miner Mike's
Line 1

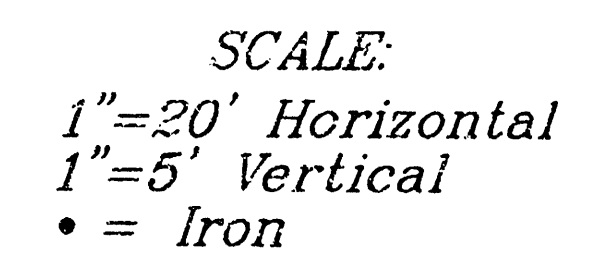
BAUGHMAN COMPANY P. A.
ENGINEERING, SURVEYING, & PLANNING
316-132-7271 • 315 ELLIS • WICHITA, KANSAS 67211

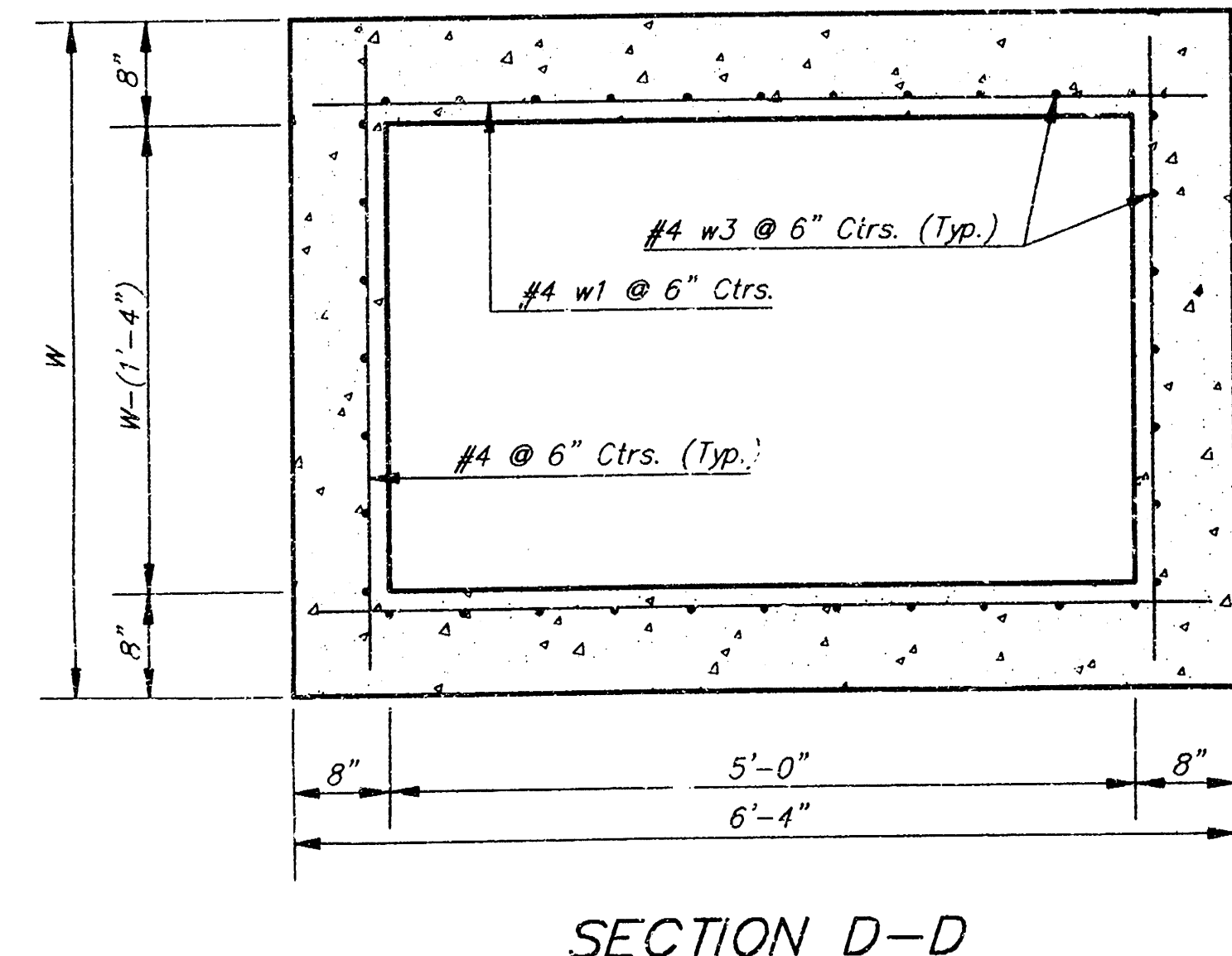
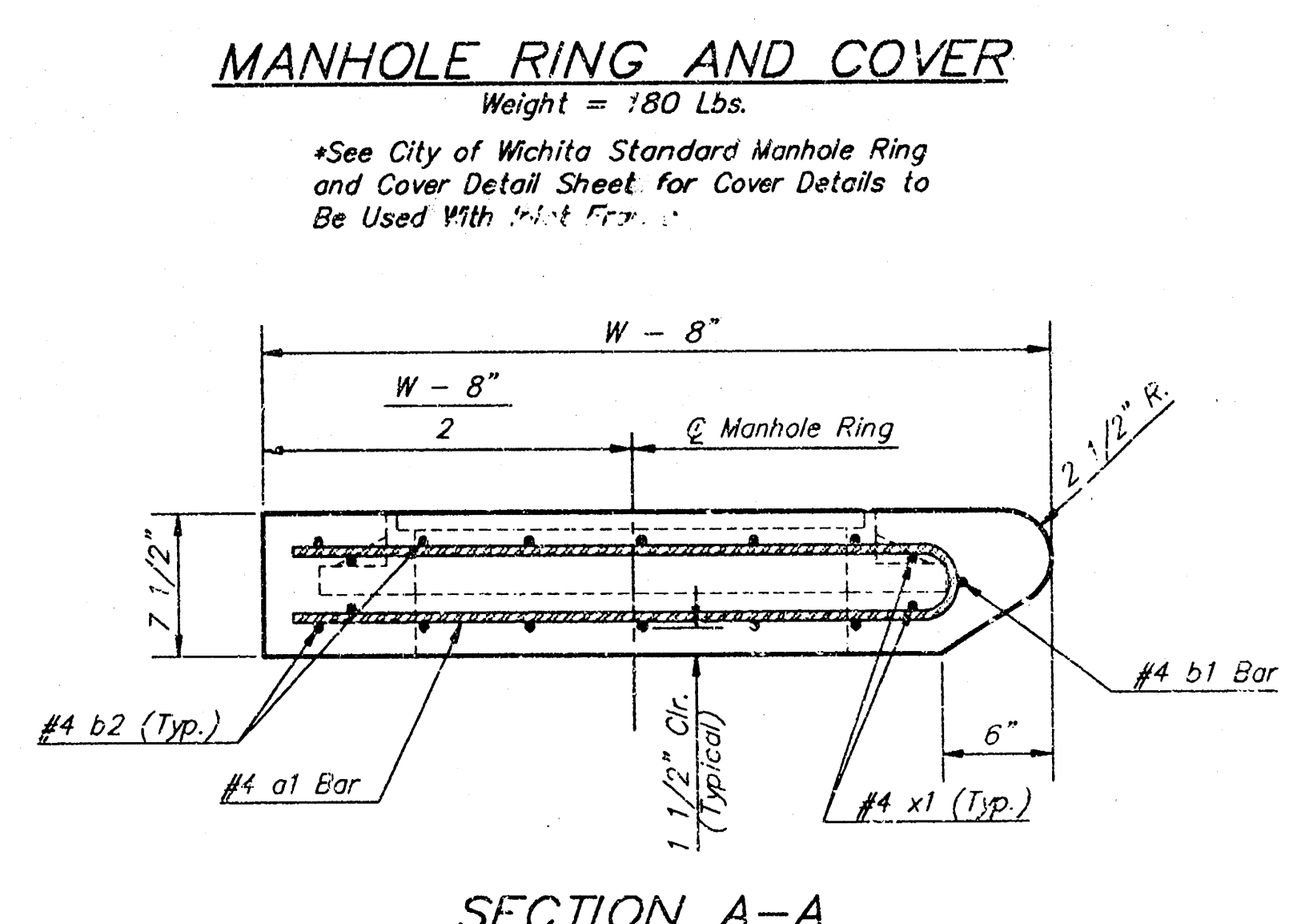
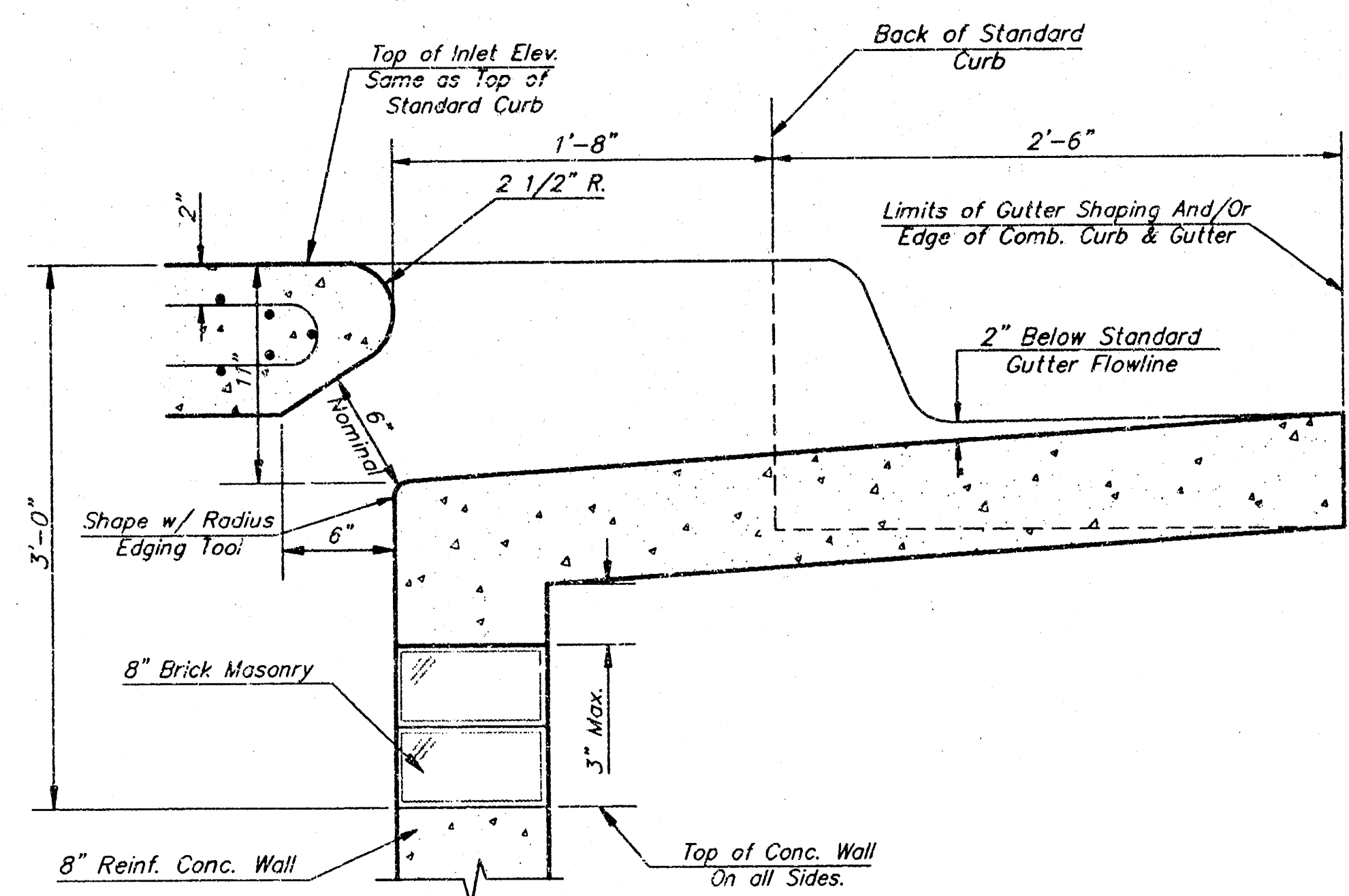
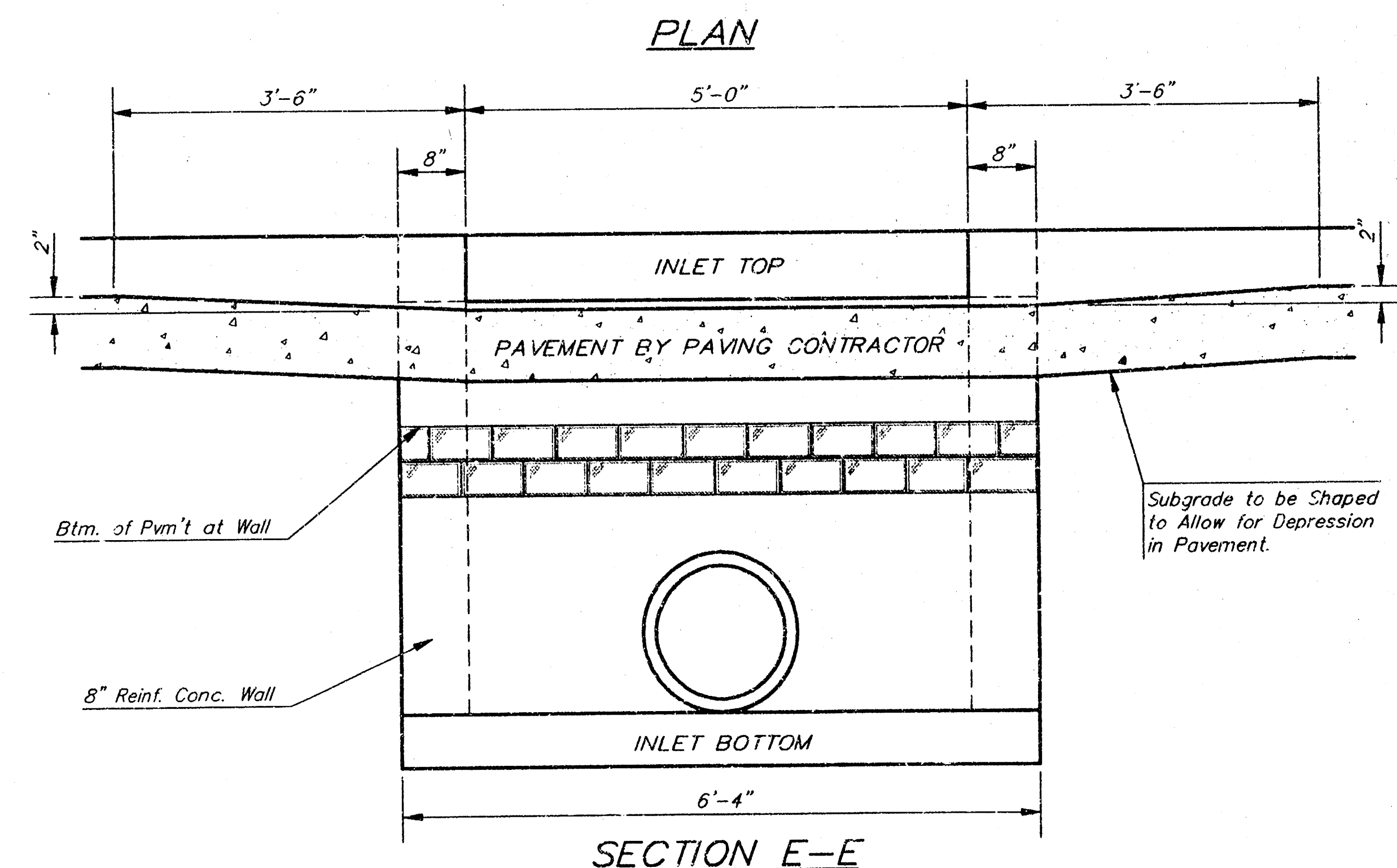
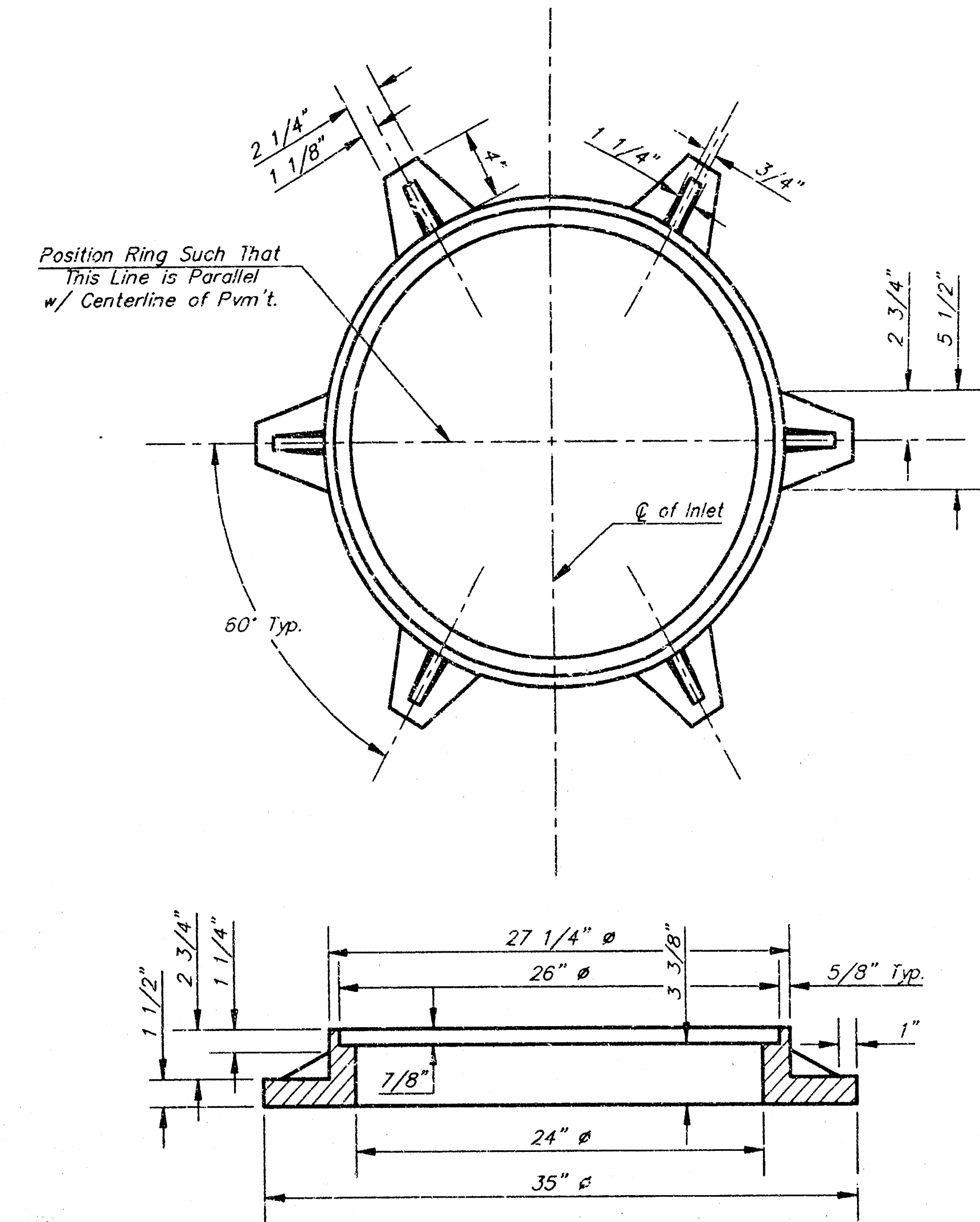
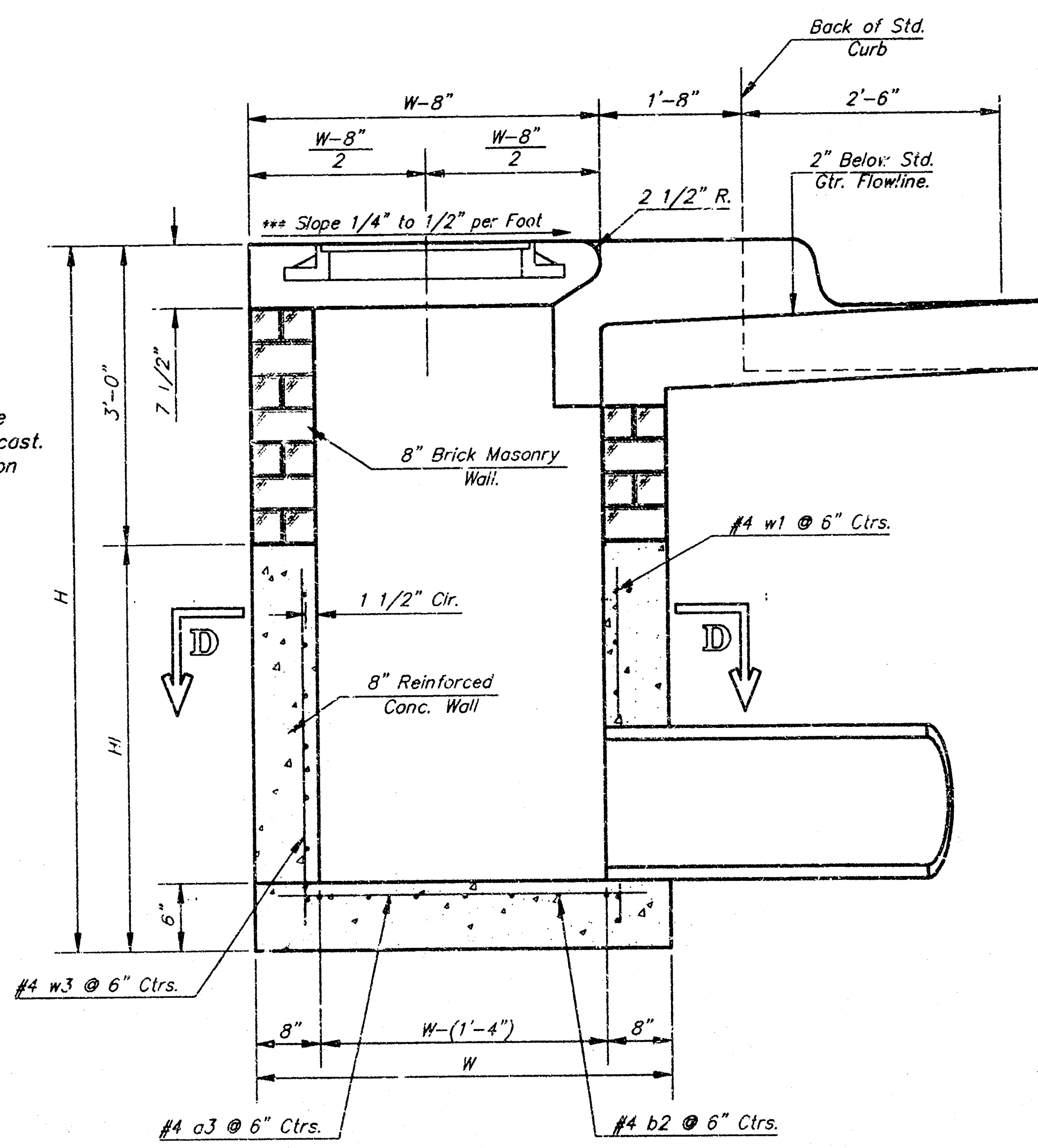
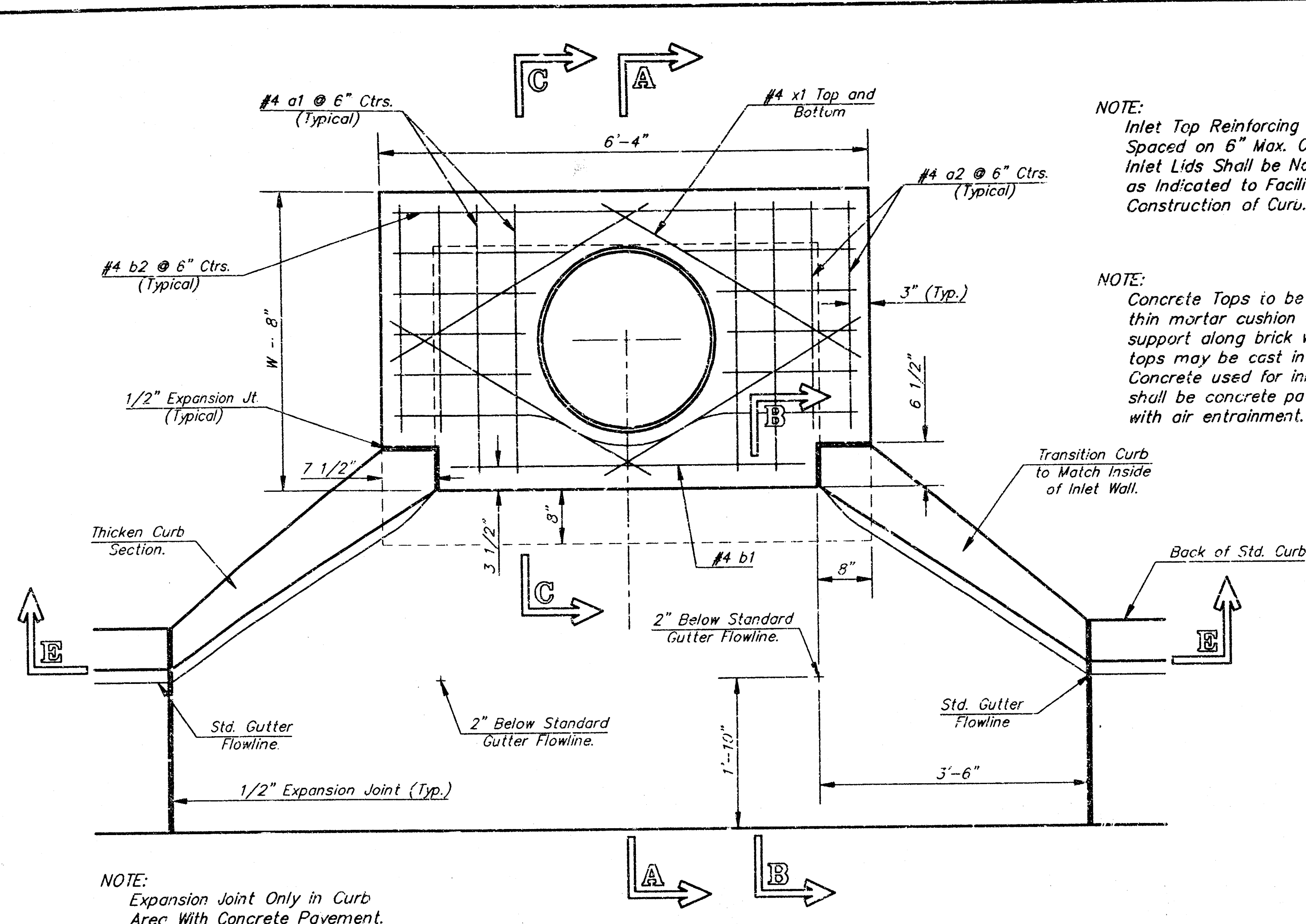
PROJECT NUMBER
588 FPS (607861)

DESIGN PJM/DY	DRAWN DY	APPROVED	DATE 6/23/95	SCALE Noted
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SHEET
3
OF
7

City of Wichita Benchmark located
73.6' North and 53.3' East of the
Intersection of the Center lines
of Tyler and 21st Street North.
Elevation = 170.95 City Datum





NOTE: Contractor shall have the option of constructing 8" brick masonry walls between the concrete inlet base and top on this inlet when W=6'-4" and H=7'-0" or less.

Additional curb and gutter construction necessary to connect set-back inlet to pavement will be paid for at the unit price bid for each inlet hookup.

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

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

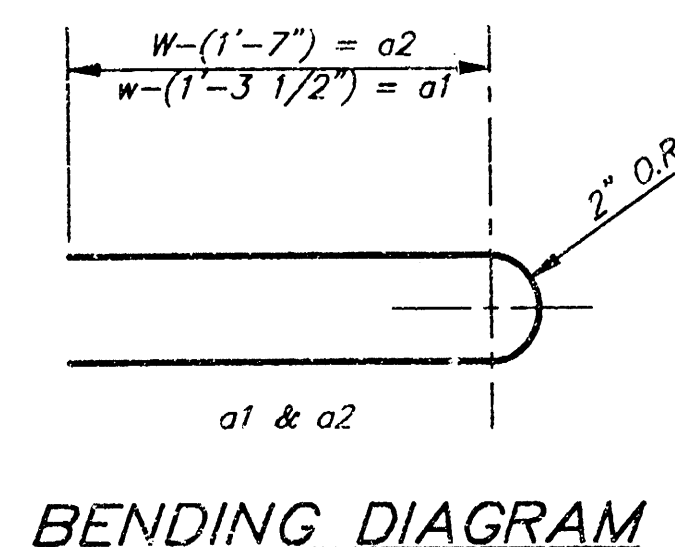
PRECAST SLAB AND FLOOR REINFORCING									
MARK	SIZE	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
a1	#4	6	6'-7"	6	8'-7"	6	10'-7"	6	14'-7"
a2	#4	4	6'-0"	4	8'-0"	4	10'-0"	4	14'-0"
a3	#4	13	4'-1"	13	5'-1"	13	6'-1"	13	8'-1"
b1	#4	1	4'-9"	1	4'-9"	1	4'-9"	1	4'-9"
b2	#4	23	6'-1"	29	6'-1"	35	6'-1"	41	6'-1"
x1	#4	8	3'-10"	8	4'-2"	8	4'-6"	8	5'-2"

WALL REINFORCING									
MARK	SIZE	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
w1	#4	1	6'-1"	1	6'-1"	1	6'-1"	1	6'-1"
w2	#4	1	4'-1"	1	5'-1"	1	6'-1"	1	8'-1"
w3	#4	32	2	36	2	40	2	44	2

* Field Bend or Cut Reinforcing as Required for Clearance.

① 4 (H = 12') (H = 21') Rounded down to nearest 0.5'

② H = 3'



STANDARD CURB INLET PRECAST TOPS			
W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
4'-4"	3'-8" x 6'-4" x 7 1/2"	21" & SMALLER	0.36±
5'-4"	4'-8" x 6'-4" x 7 1/2"	24" & 30"	0.51±
6'-4"	5'-8" x 6'-4" x 7 1/2"	36" & 42"	0.64±
7'-4"	6'-8" x 6'-4" x 7 1/2"	48" & 54"	0.77±
8'-4"	7'-8" x 6'-4" x 7 1/2"	60" & 66"	0.90±

Revised - Feb. 16, 1989

CITY OF WICHITA STANDARD TYPE 1A

Curb Inlet Details

INLET OPENING = 6' x 5'-0"

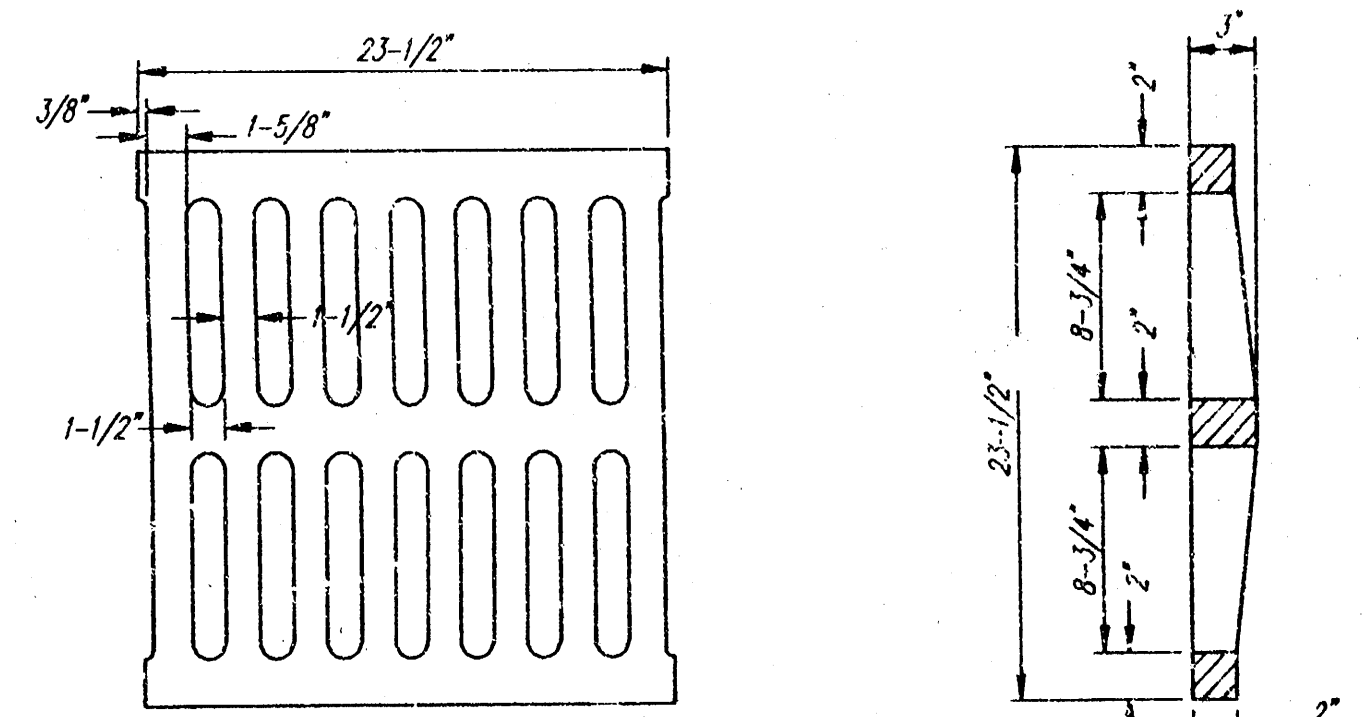
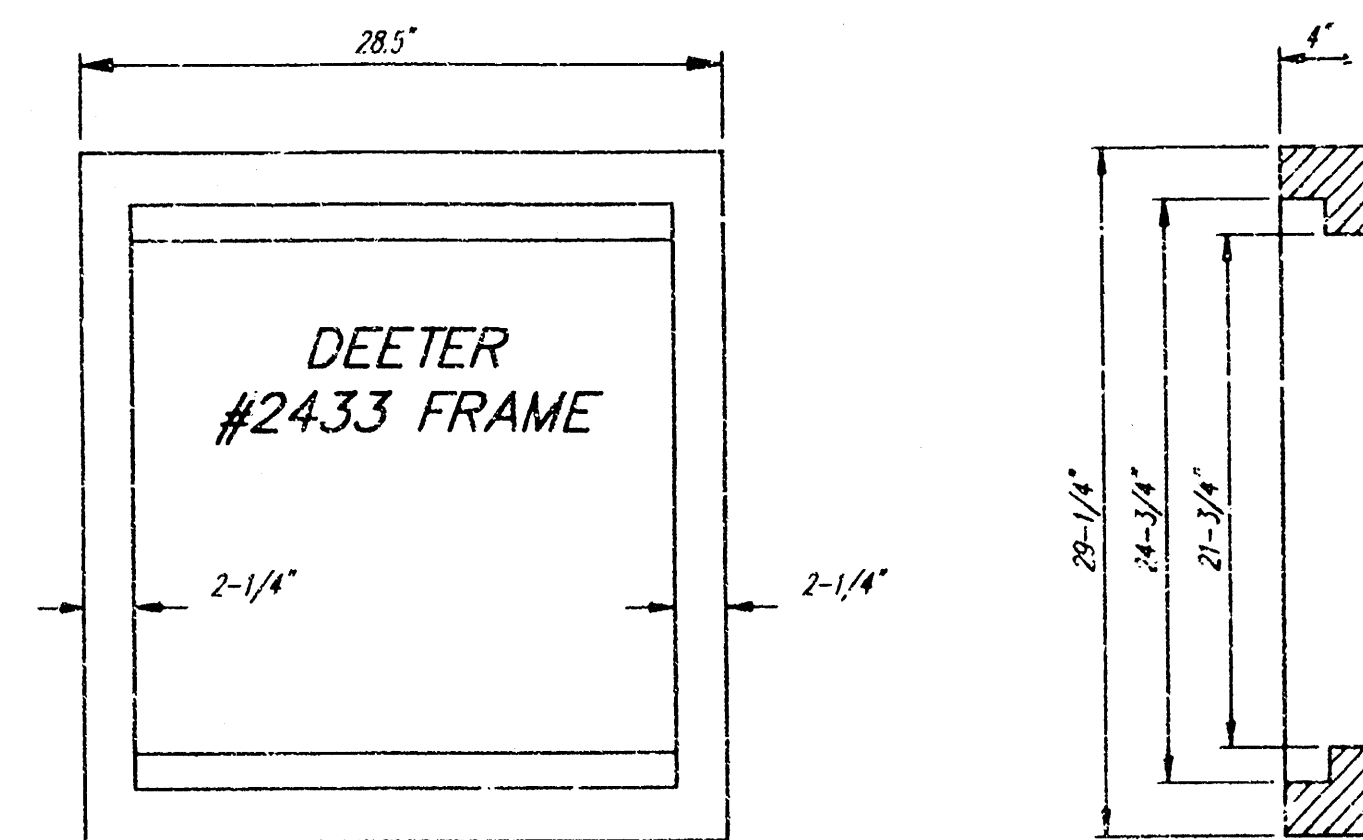
BAUGHMAN COMPANY P.A.

ENGINEERING, SURVEYING, & PLANNING

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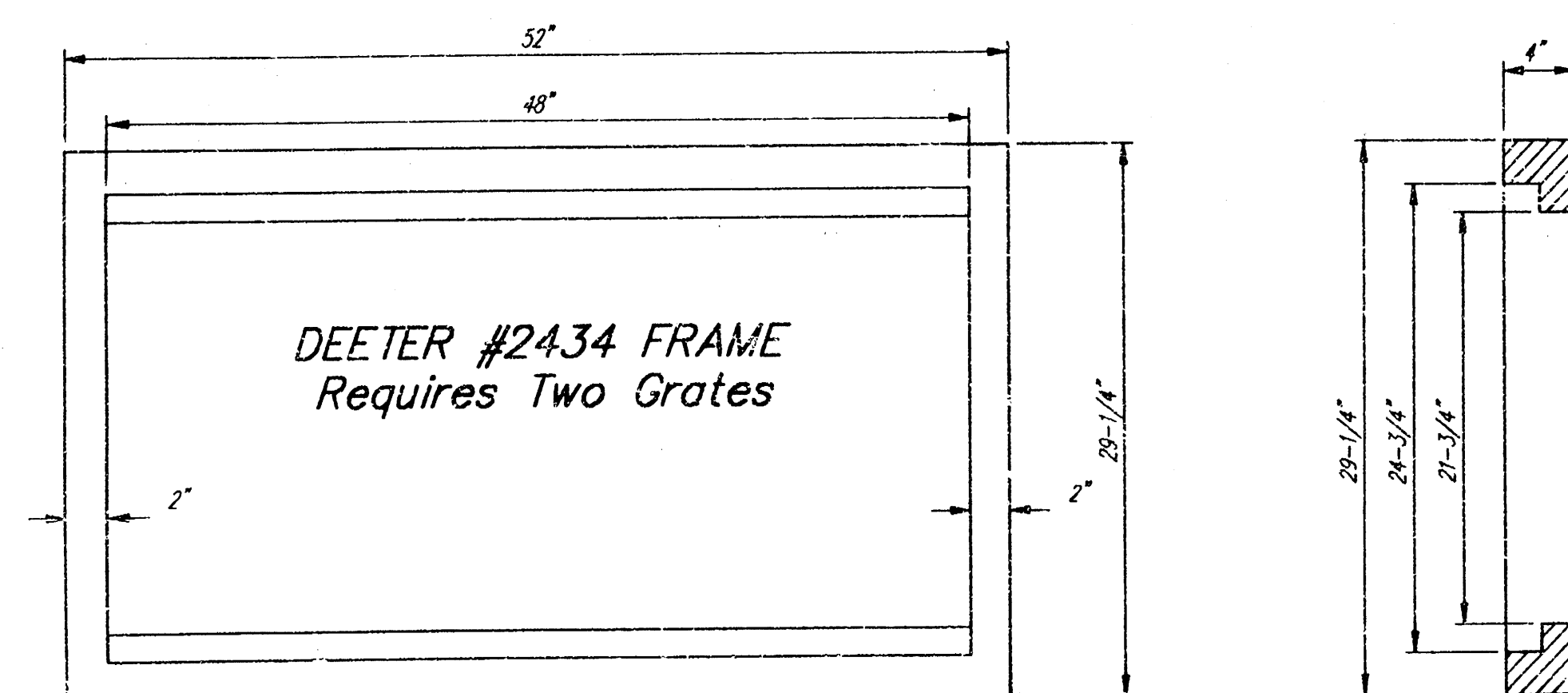
PROJECT NUMBER
568 PPS (807861)

DESIGN: C.O.W. DRAWN: Staff APPROVED: DATE: SCALE: None SHEET: 5 OF 7



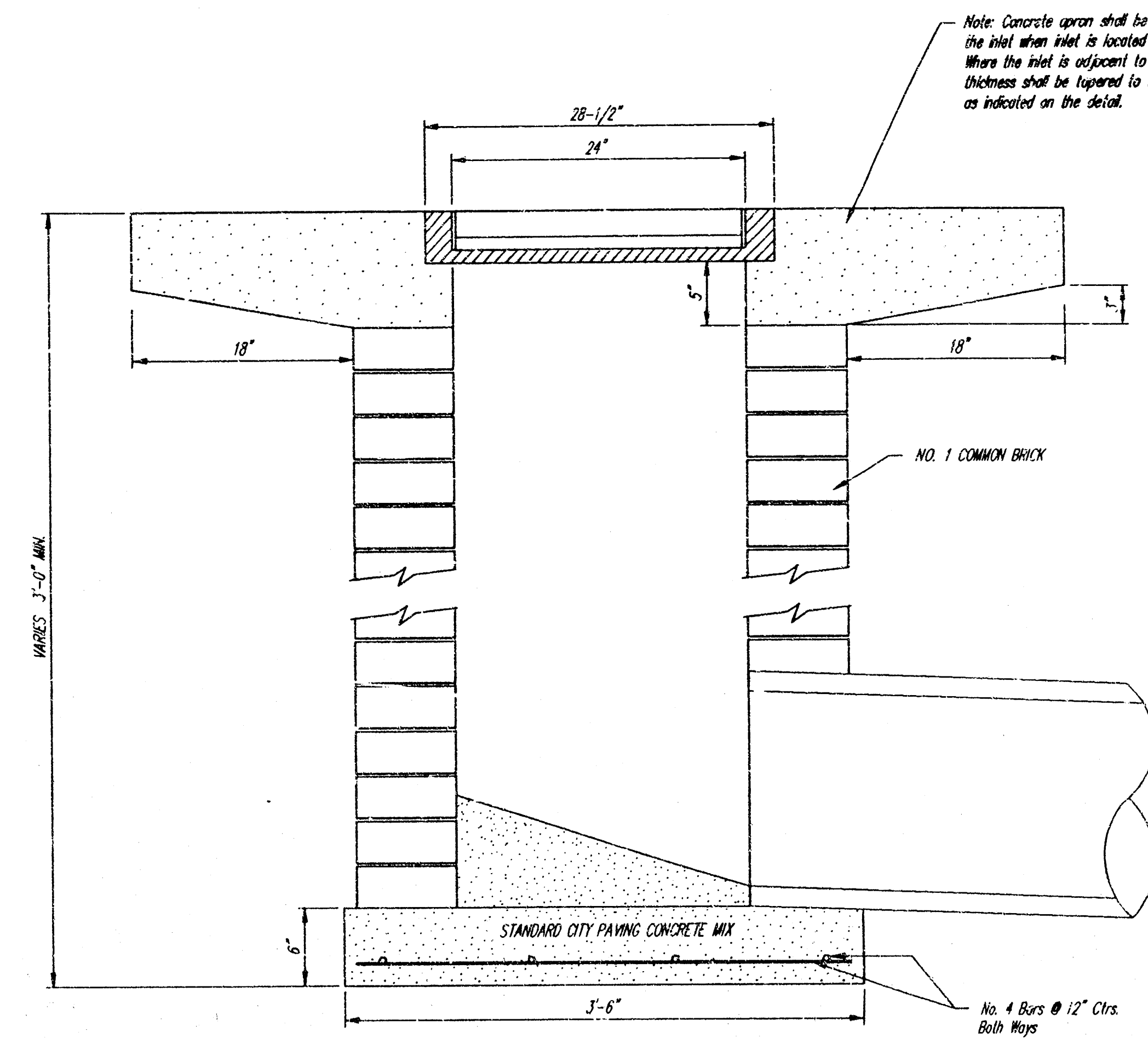
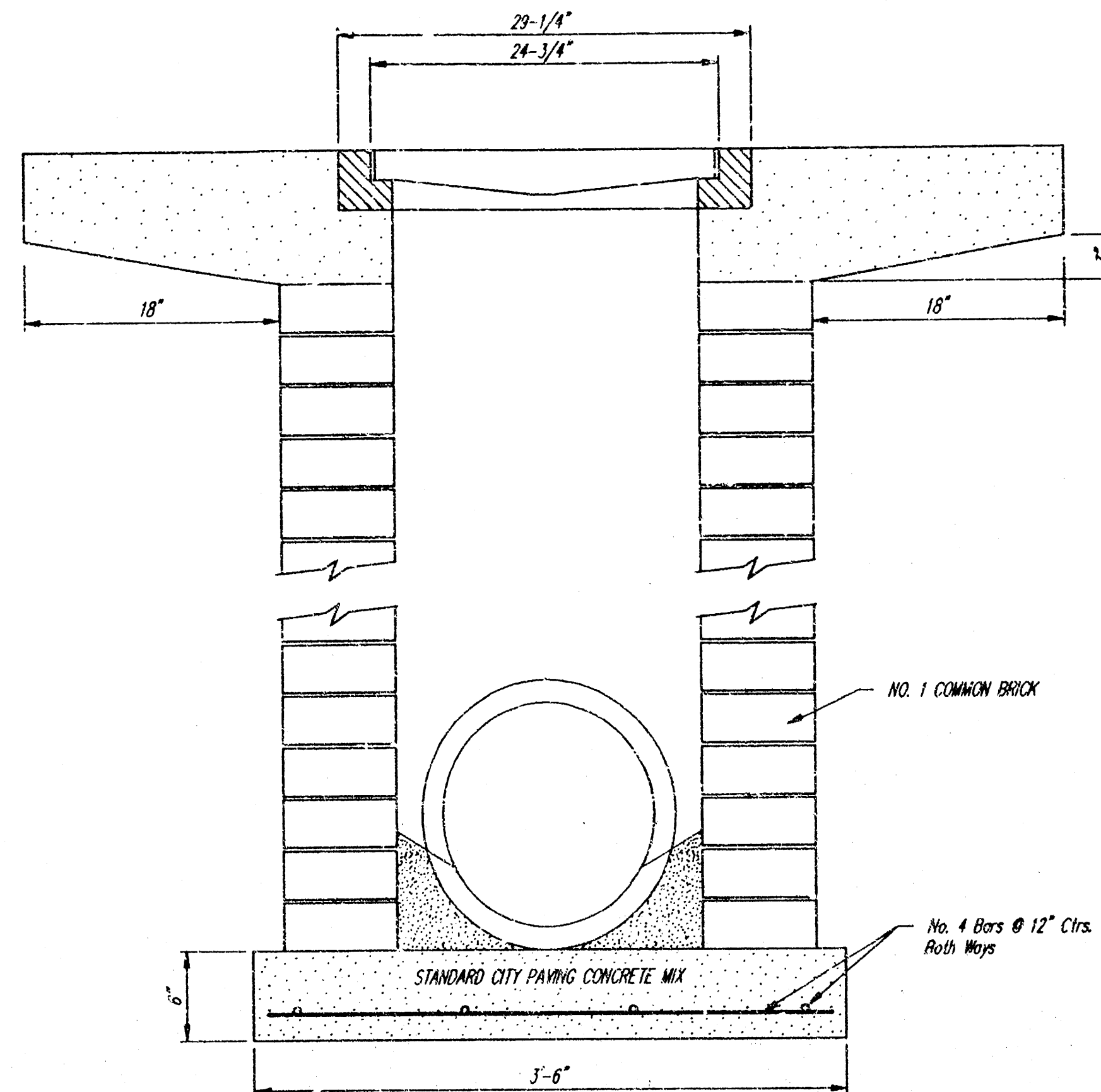
DEETER #2433 GRATE

24" x 24" Frame and Grate Detail

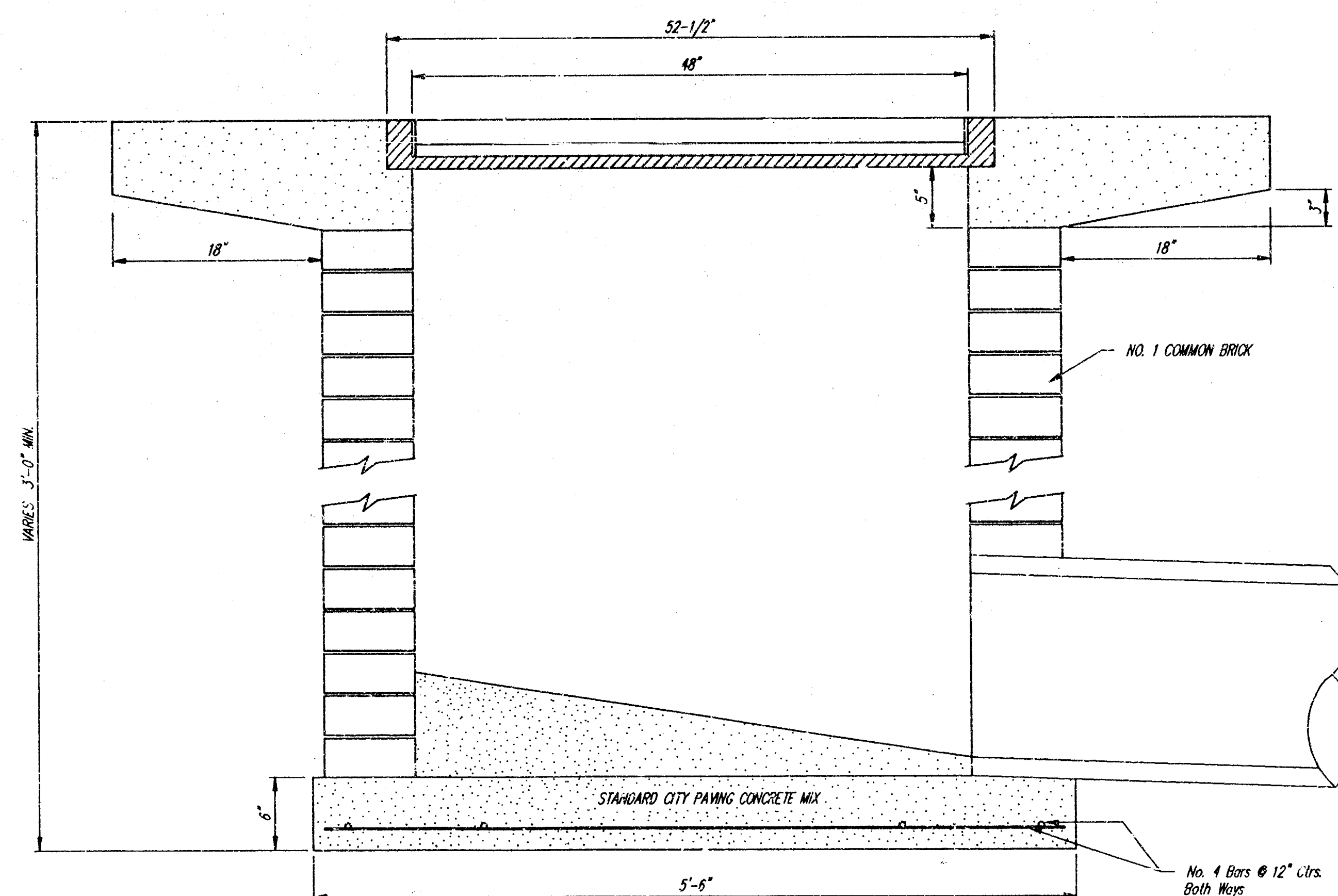


Double 24" x 24" Frame Detail

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.



Note: Concrete upon which is constructed around the inlet when inlet is located in an exposed area. Where the inlet is adjacent to pavement, the pavement thickness shall be tapered to the inlet in 18 inches as indicated on the detail.



City of Wichita Standard					
Standard Drop Inlet					
Details					
BAUGHMAN COMPANY P. A.					
ENGINEERING, SURVEYING, & PLANNING					
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211					
PROJECT NUMBER					SHEET
568 PPS (807861)					6
DESIGN	DRAWN	APPROVED	DATE	SCALE	OF
C.O.W.	Staff			None	7

DETAILS DRAINAGE

John A. Macdonald

My App't. Exp. _____

7