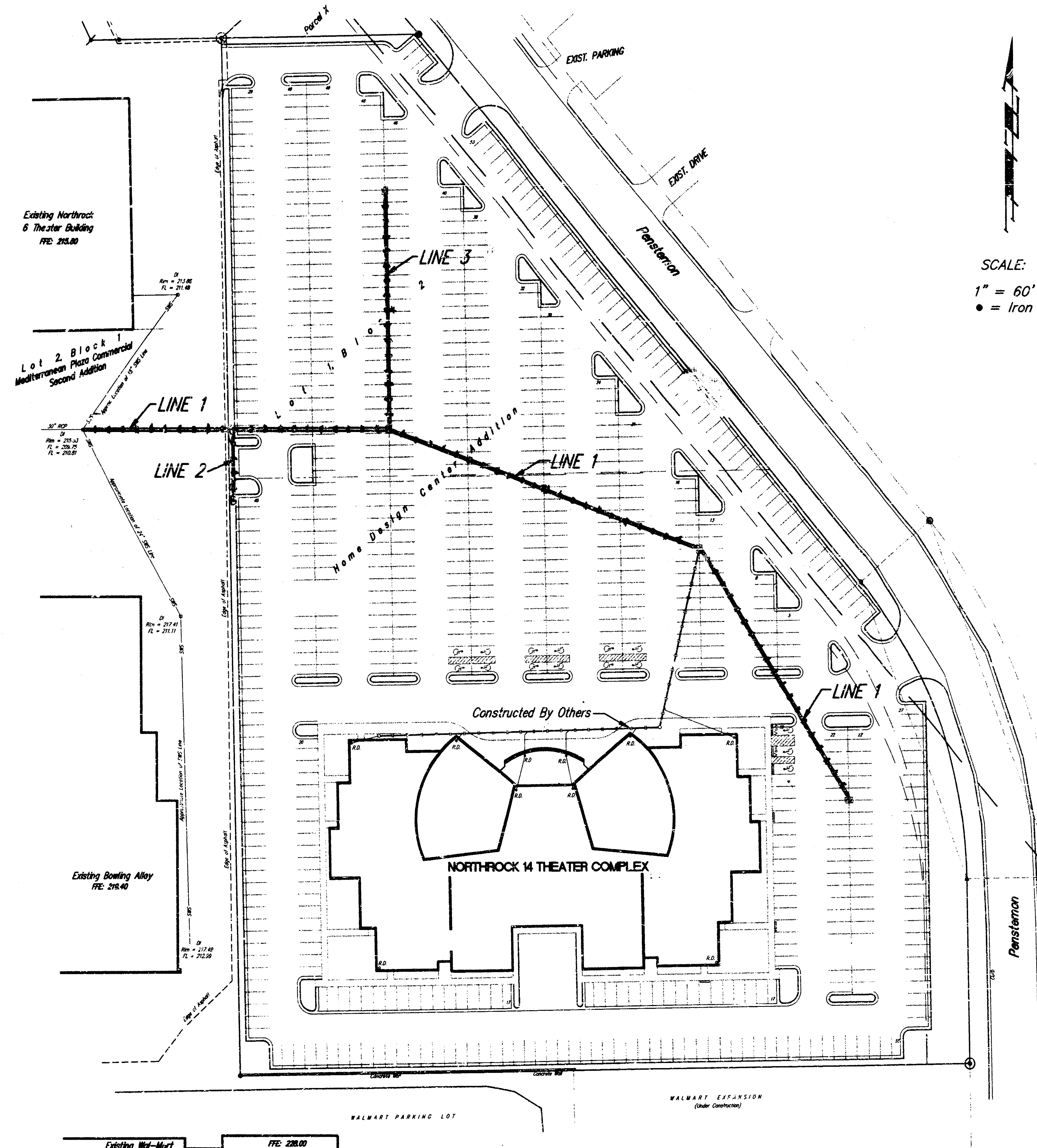


STORM WATER SEWER IMPROVEMENTS
TO SERVE
NORTHROCK 14 THEATER COMPLEX
LOT 1, BLOCK 2, HOME DESIGN CENTER ADDITION
Private Project Number
721PPS (607861)

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
K.P.L. Gas Service Company 263-2061
Kansas Gas & Electric Company 263-7511
Arkia Gas Company 264-1141
or
263-8161
Southwestern Bell Telephone Company 1-571-2611
City of Wichita Water Department 268-4308
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 Rock Road and 29th Street North. Temp. benchmark at NW corner intersection. R.R. Spike on west Face of Street in Light Pole. Elevation = 216.21 City Datum
- BM #2 Site Benchmark chiseled "V-Notch" on sidewalk near northeast corner of Lot 1, Block 2, Home Design Center Addition. Elevation = 217.26 City Datum

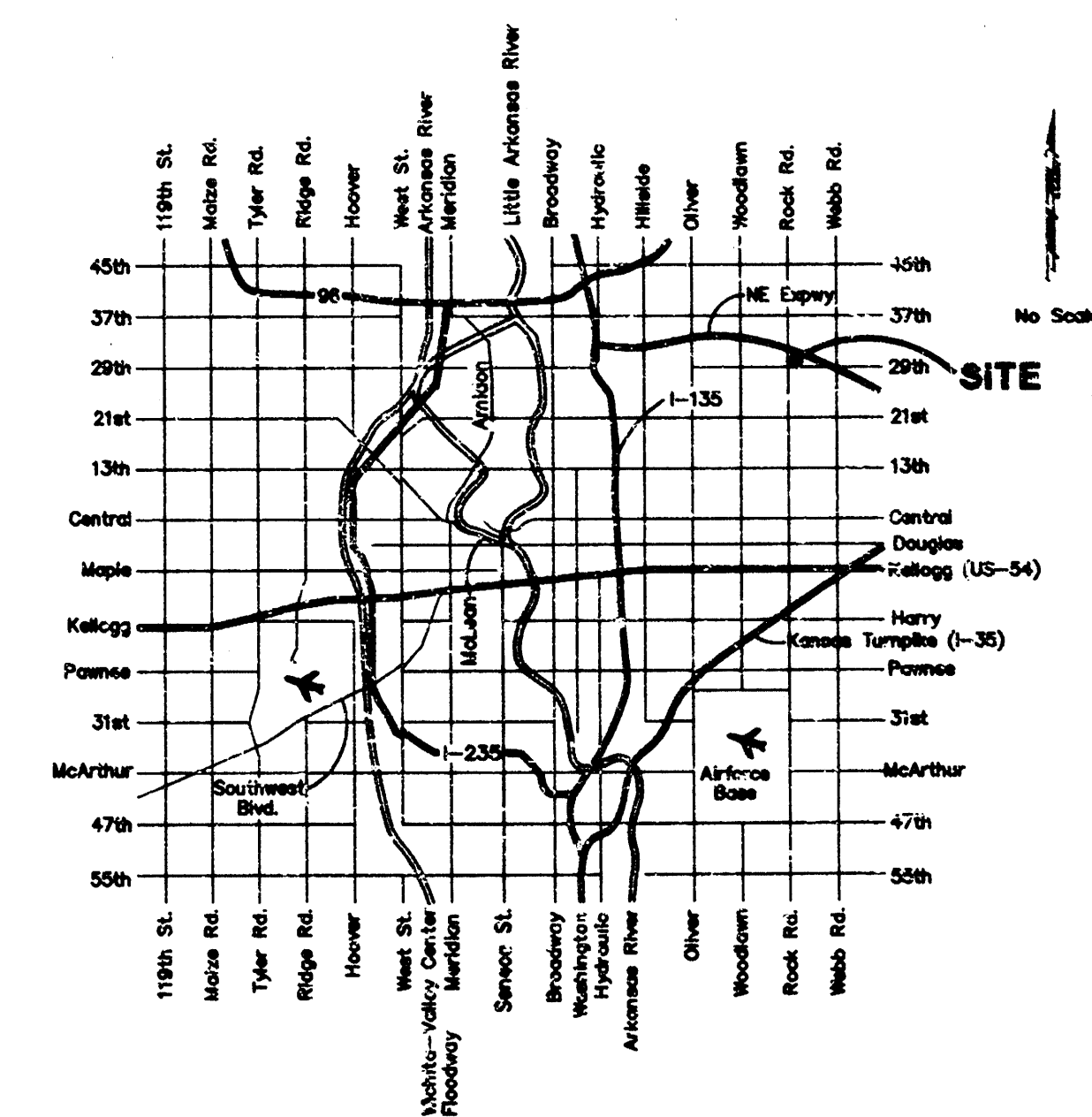
INDEX:

- Title Sheet
- Line 1 and Line 2
- Line 1 and Line 3
- Standard Type 1 Curb Inlet
- Standard Drop Inlet Detail
- Home Design Center Addition

APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA
Storm Sewers V.R.H. 6/17/97

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).

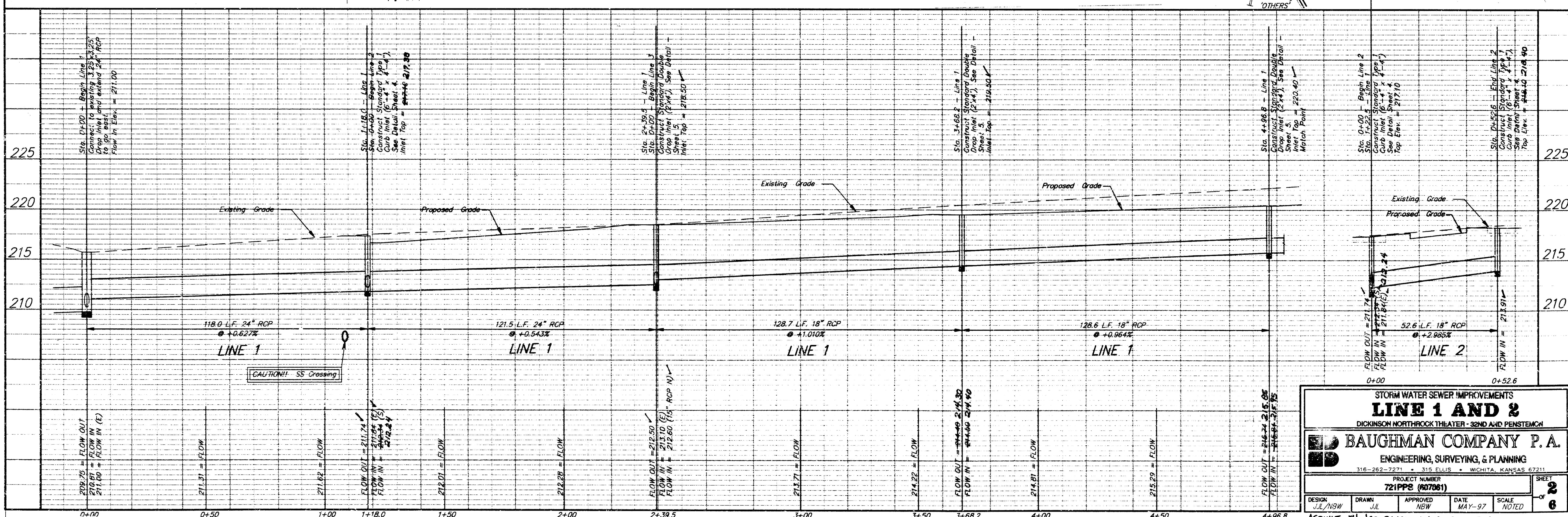
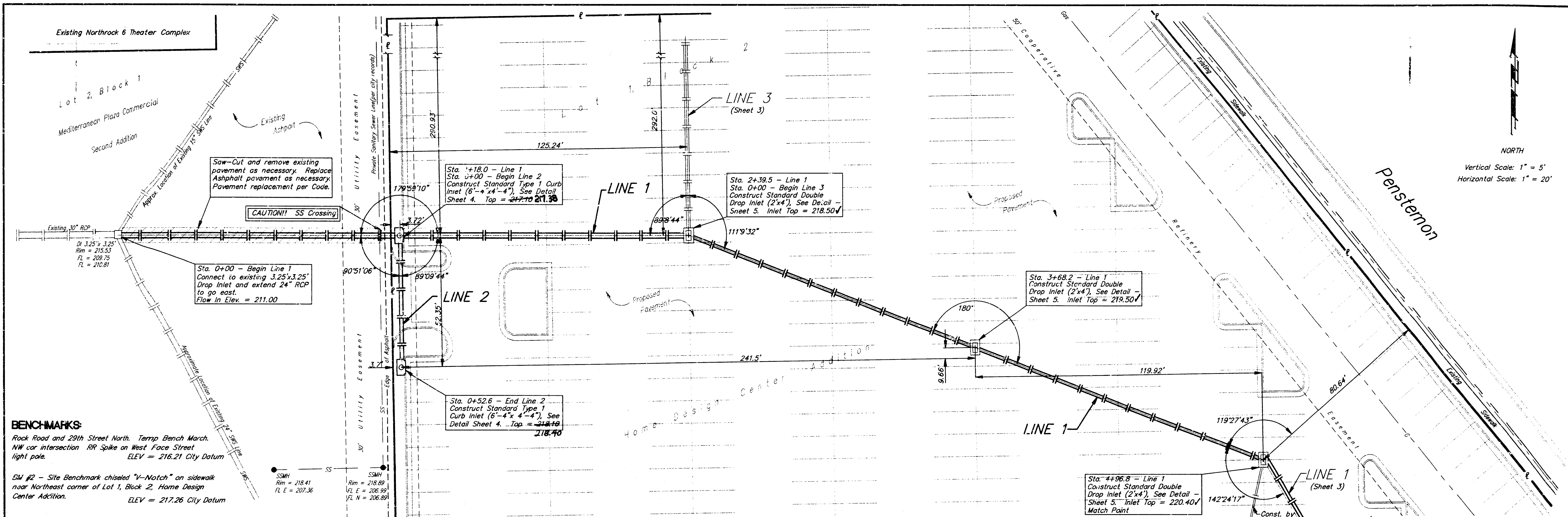


LOCATION MAP

SITE NEAR: 32ND AND PENSTEMON

PROJECT INSPECTED BY: BAUGHMAN CO., P.A. JUNE 1997
ASBUILT 12/11/97

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



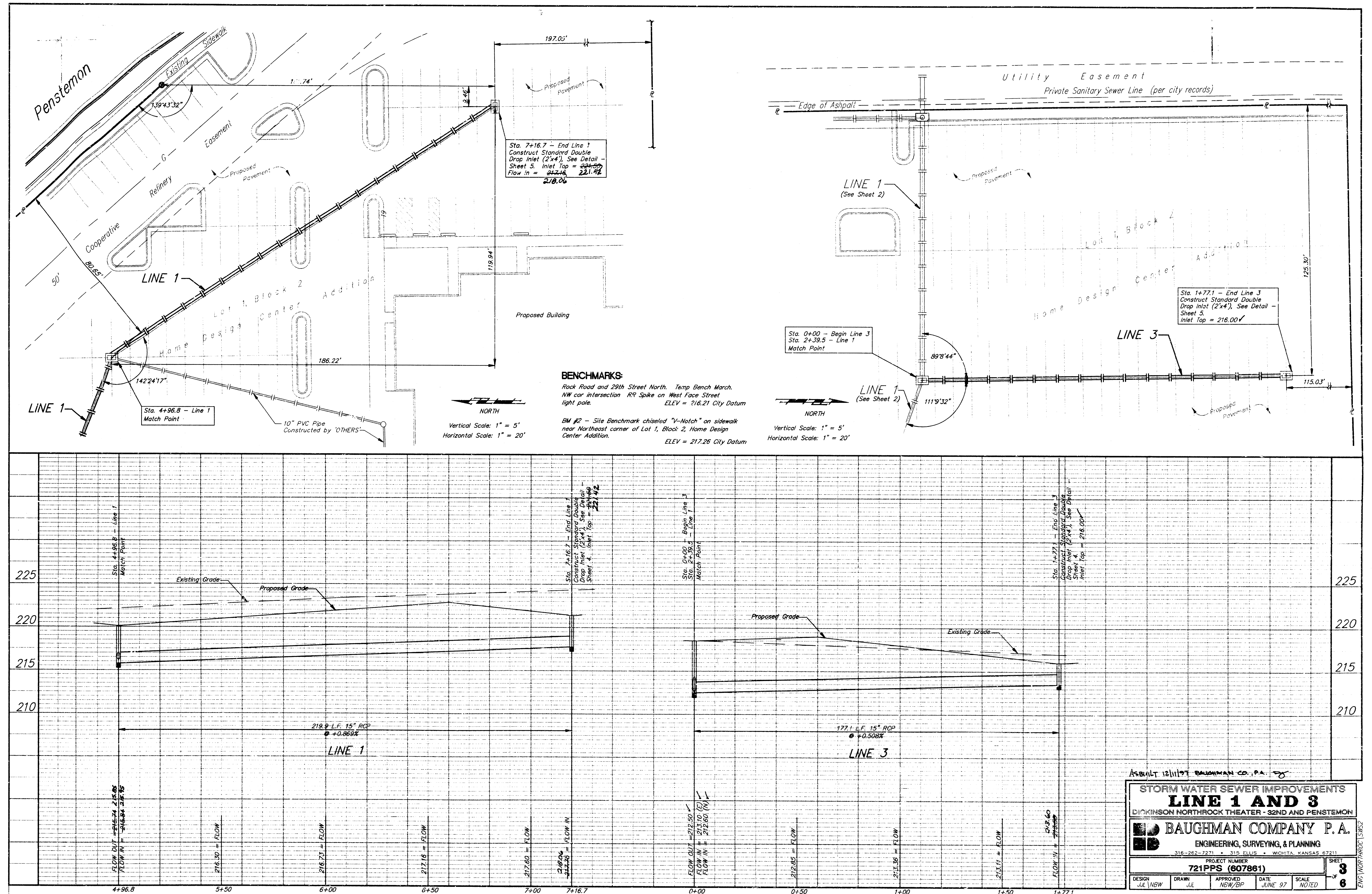
STORM WATER SEWER IMPROVEMENTS
LINE 1 AND 2
 DICKINSON NORTHROCK THEATER - 3RD AND PENSTEMON

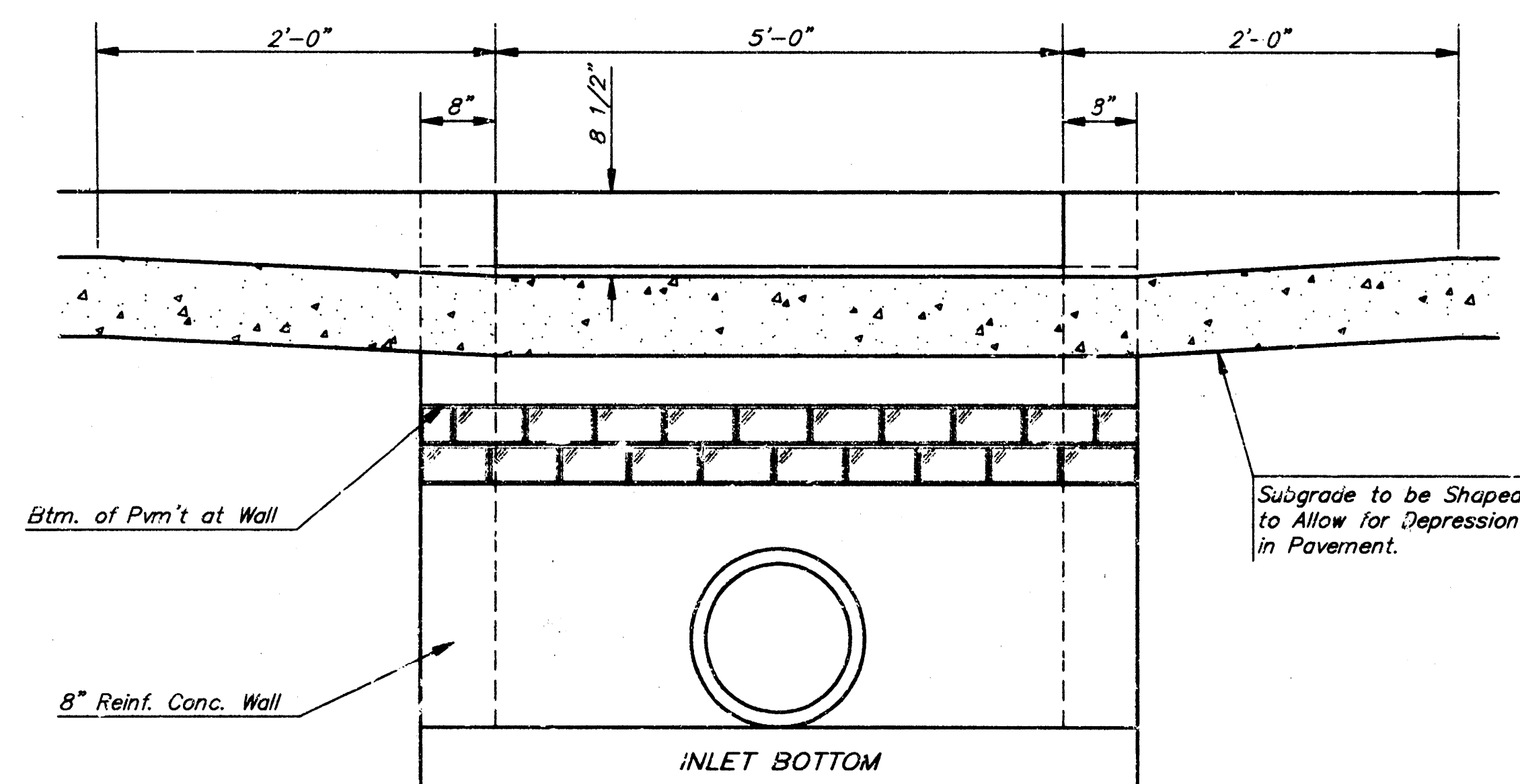
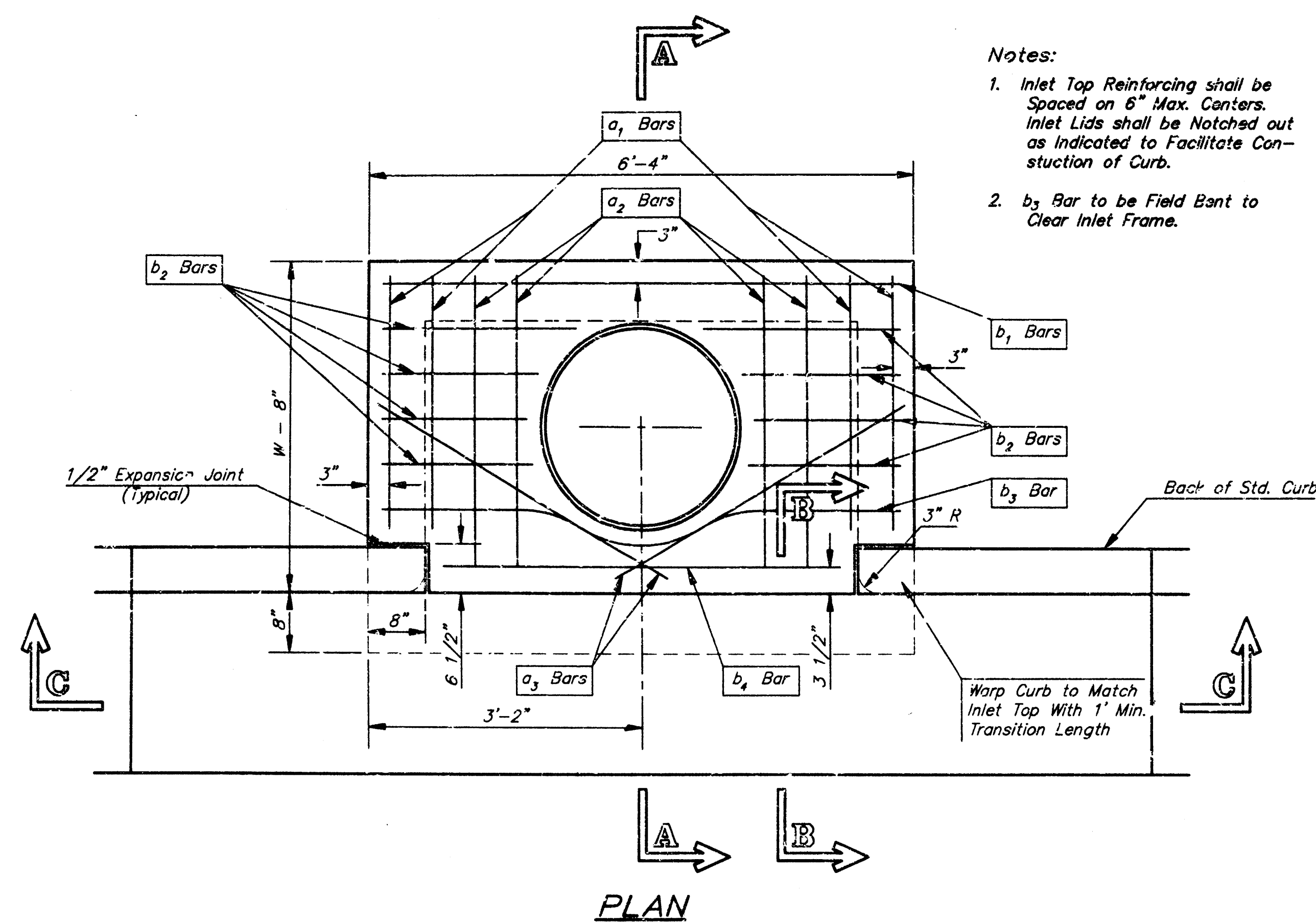
BAUGHMAN COMPANY P.A.
 ENGINEERING, SURVEYING, & PLANNING
 316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER: 721PPE (R07081)
 SHEET: 2 OF 6

DESIGN: JLL/VSW
 DRAWN: JUL
 APPROVED: NEW
 DATE: MAY-97
 SCALE: NOTED

ASBUILT 12/11/97 BAUGHMAN CO., P.A.



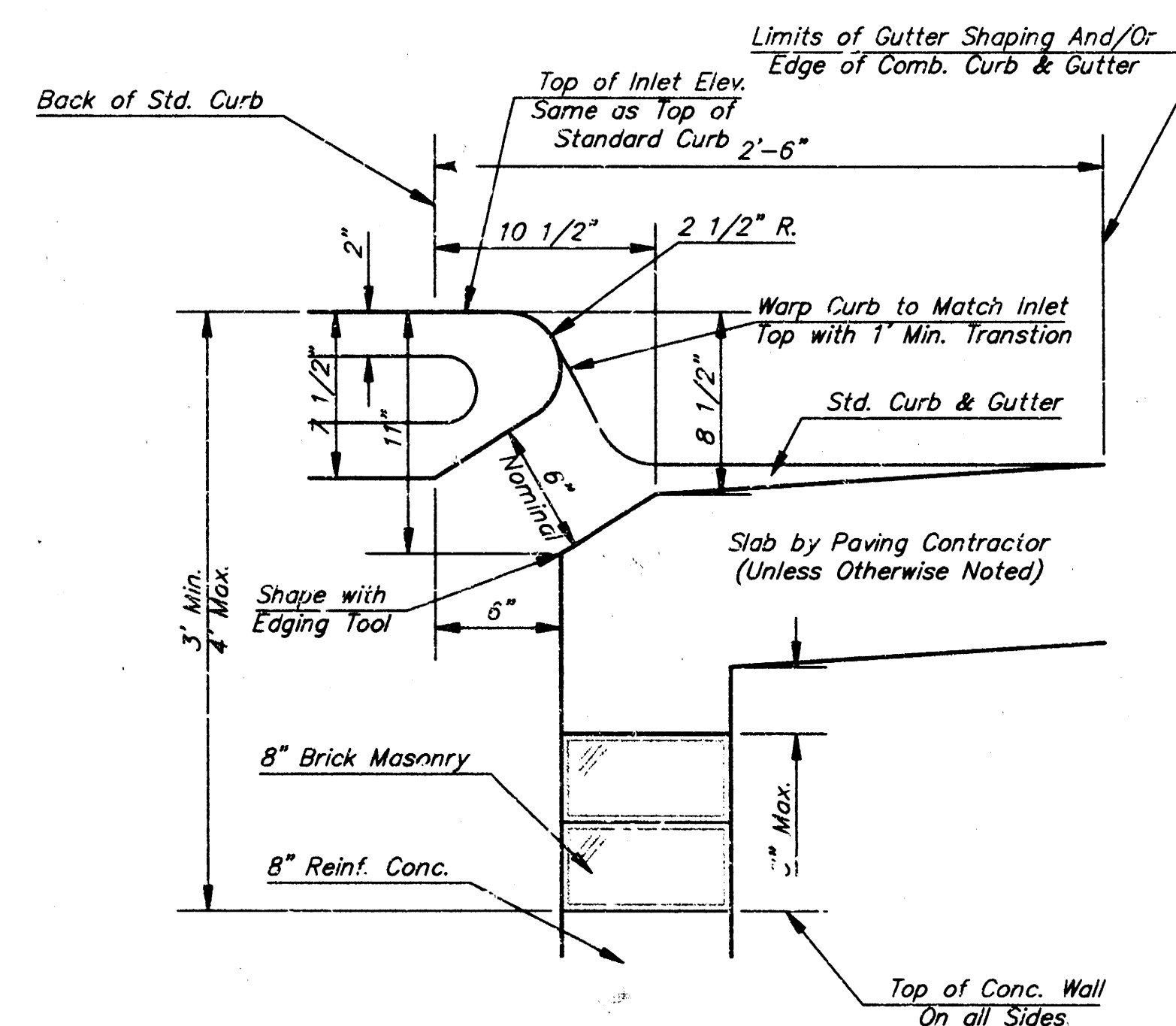
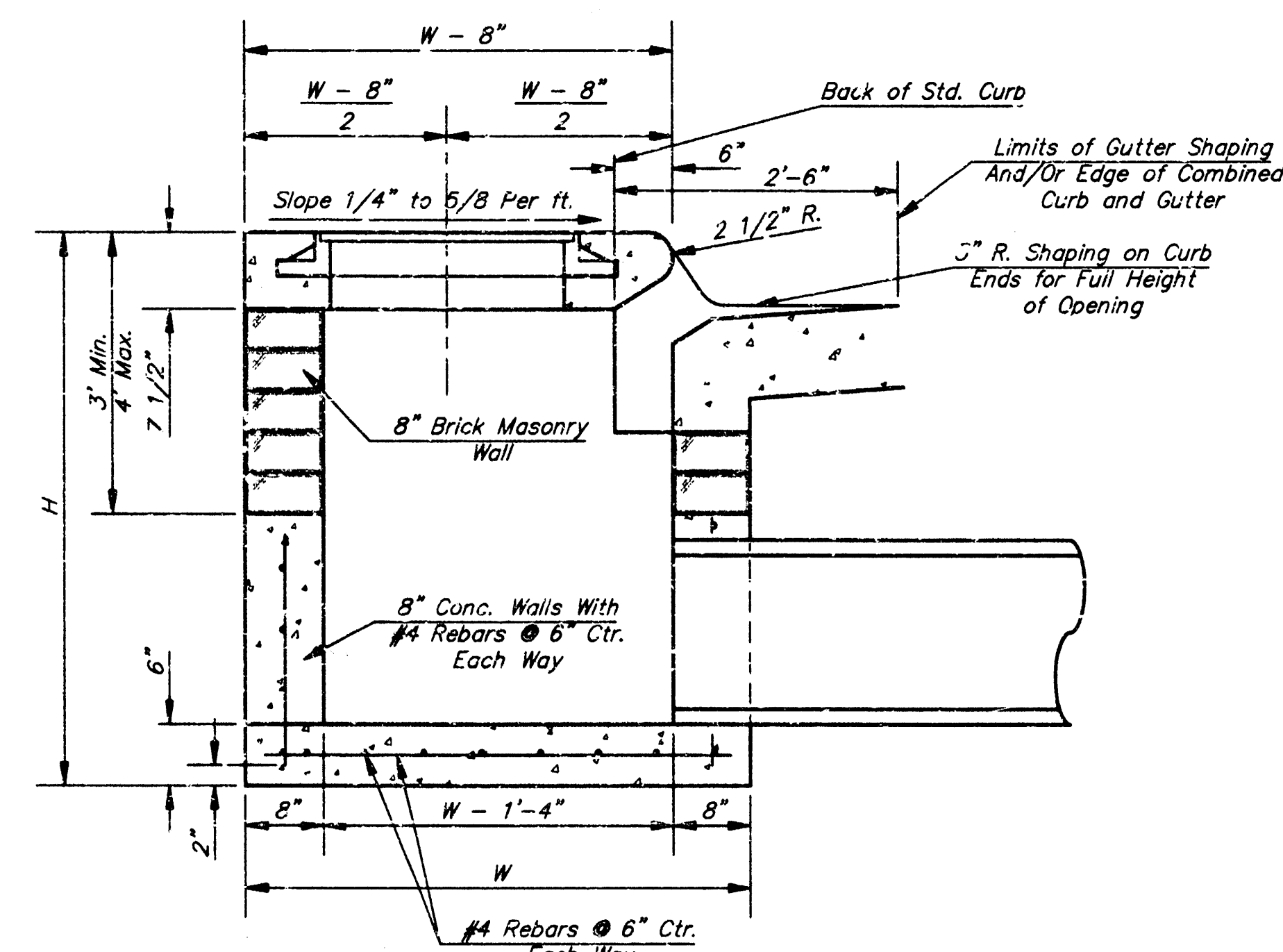


STEEL SCHEDULE

BAR	a ₁	a ₂	a ₃	b ₁	b ₂	b ₃	b ₄	Wt. Lbs.
NUMBER	4	4	2	1	3	5	7	9
SIZE	#4	#4	#4	#4	#4	#4	#4	#6
LENGTH	W-4'-4"	5'-7"	6'-7"	4'-0"	6'-1"	-	-	-
	W-5'-4"	7'-7"	8'-7"	5'-0"	6'-1"	-	-	-
	W-6'-4"	9'-7"	10'-7"	6'-0"	-	6'-1"	-	-
	W-7'-4"	11'-7"	12'-7"	7'-0"	-	-	6'-1"	-
	W-8'-4"	13'-7"	14'-7"	8'-0"	-	-	-	6'-1"

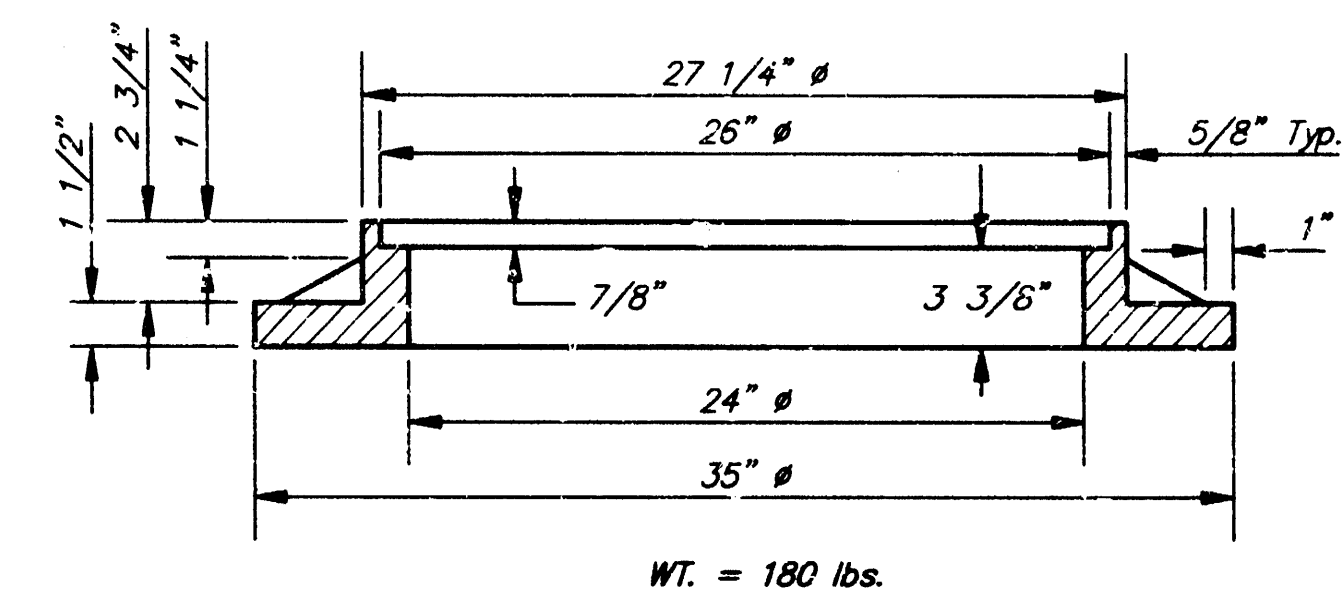
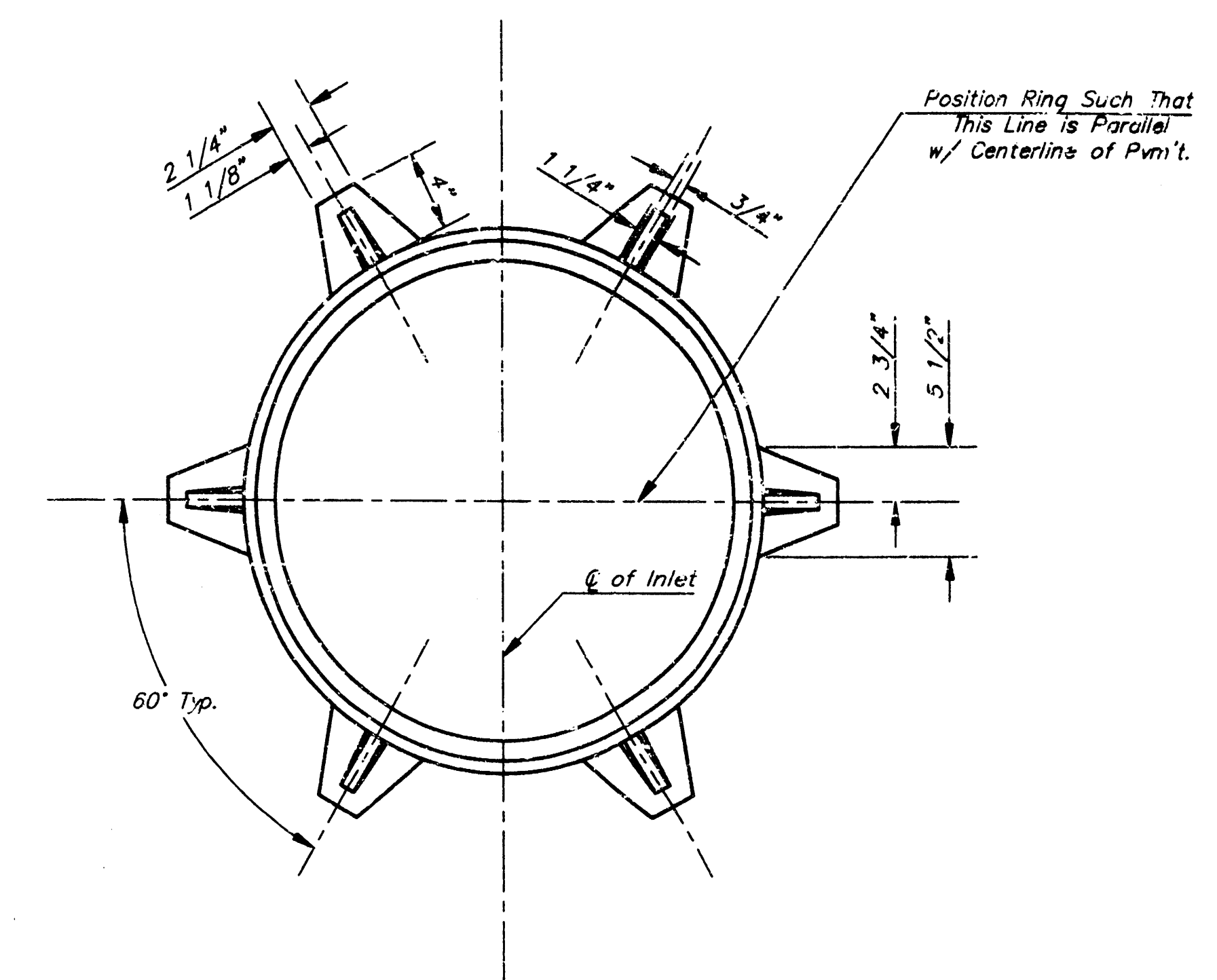
Note: a₃ Bars to be Placed Approx. 2" Below Top of Inlet Cover.

W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
4'-4"	3'-8" 6'-4" 7 1/2"	21" & SMALLER	0.38±
5'-4"	4'-8" 6'-4" 7 1/2"	24" & 30"	0.51±
6'-4"	5'-8" 6'-4" 7 1/2"	36" & 42"	0.64±
7'-4"	6'-8" 6'-4" 7 1/2"	48" & 54"	0.77±
8'-4"	7'-8" 6'-4" 7 1/2"	60" & 66"	0.90±



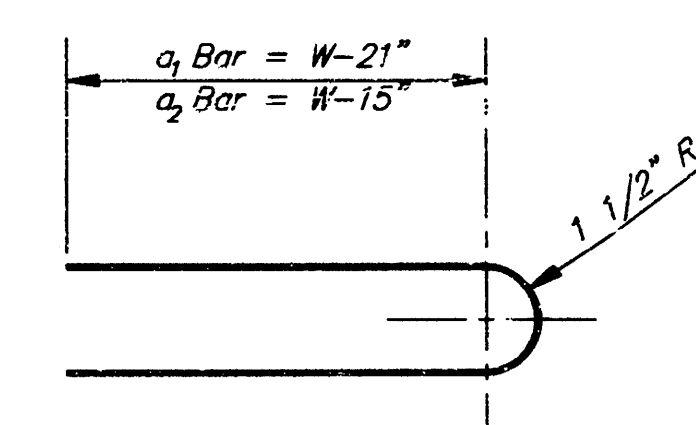
GENERAL NOTES

- Concrete tops to be installed on thin mortar cushion to insure full support along brick walls. Concrete tops may be cast in place or precast. Concrete used for inlet construction shall be concrete pavement mix.
- 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.
- 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.



MANHOLE RING AND COVER

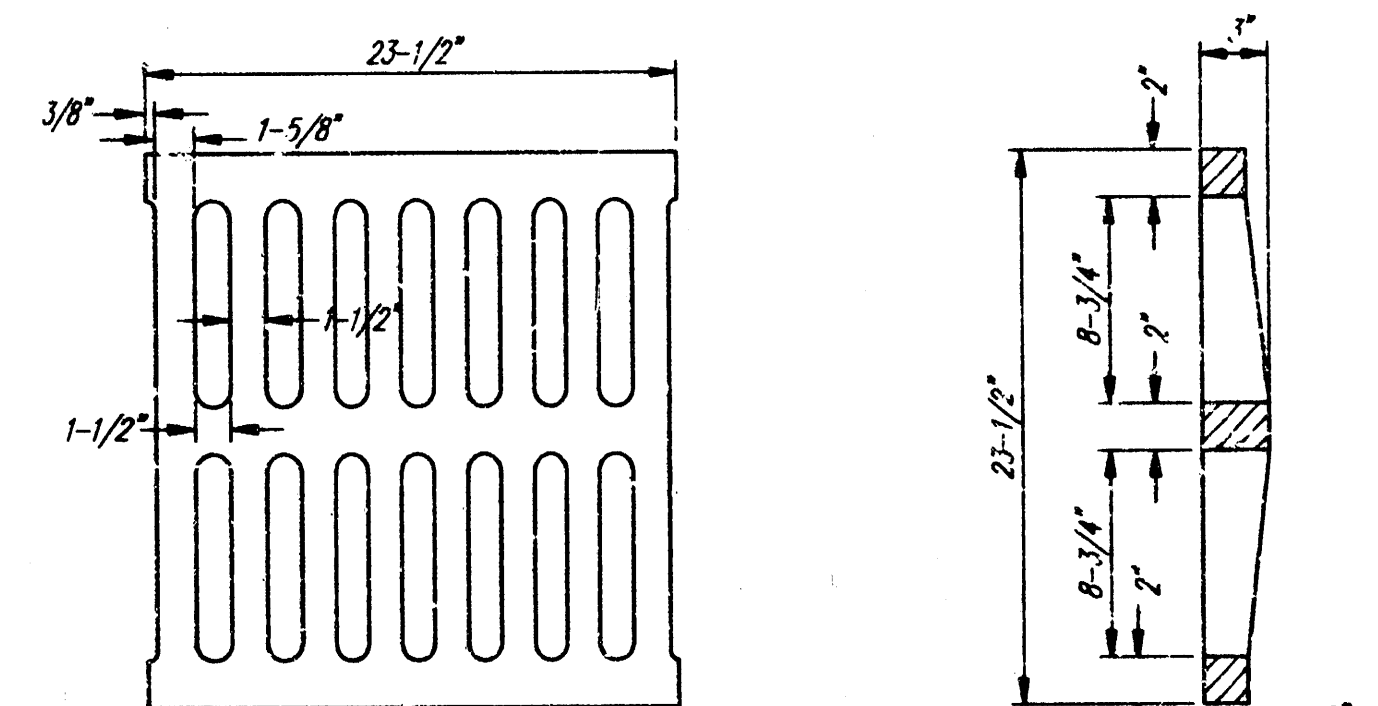
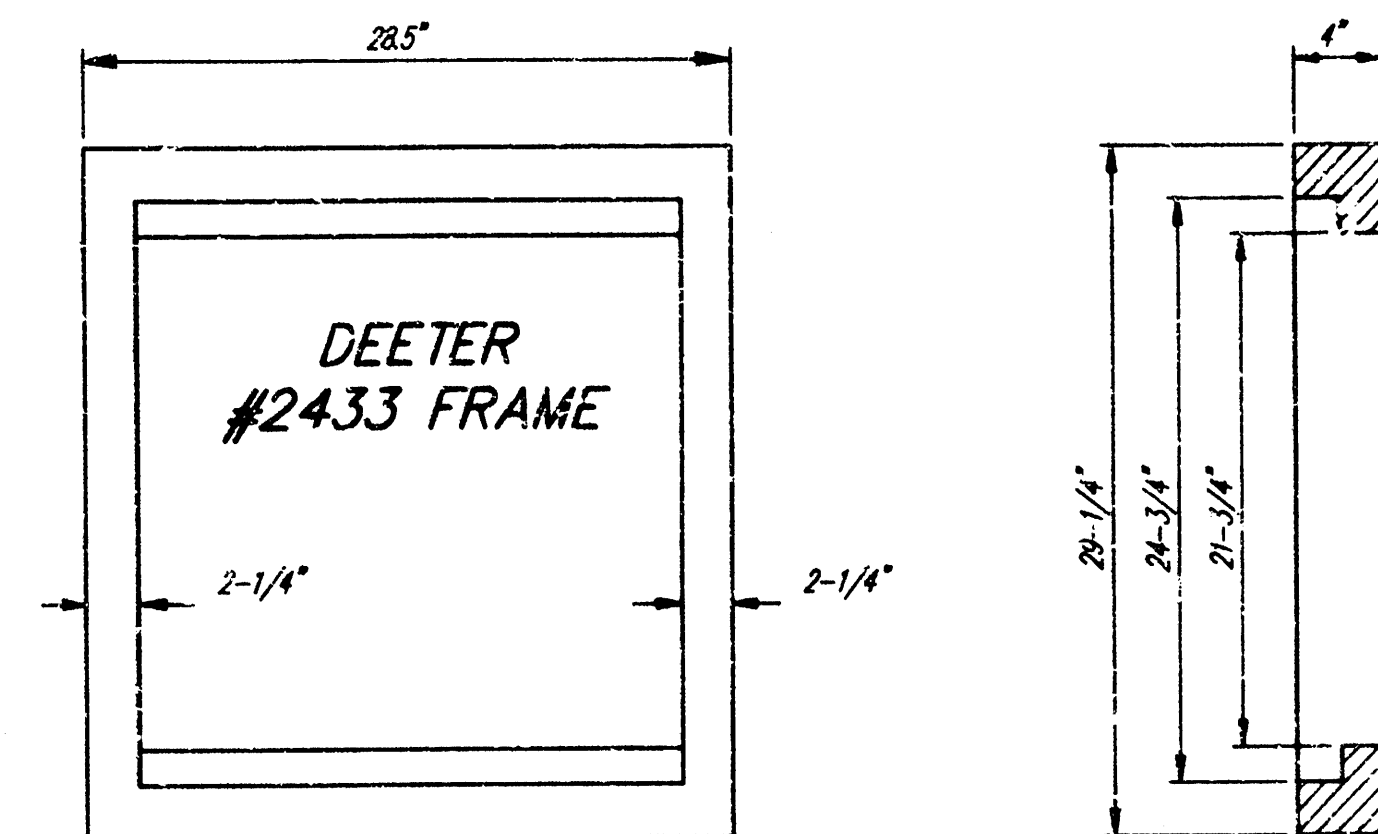
*See City of Wichita Standard Manhole Ring and Cover Detail Sheet for Cover Details to Be Used With Inlet Frame.



BENDING DIAGRAM

Revised - Dec. 21, 1984

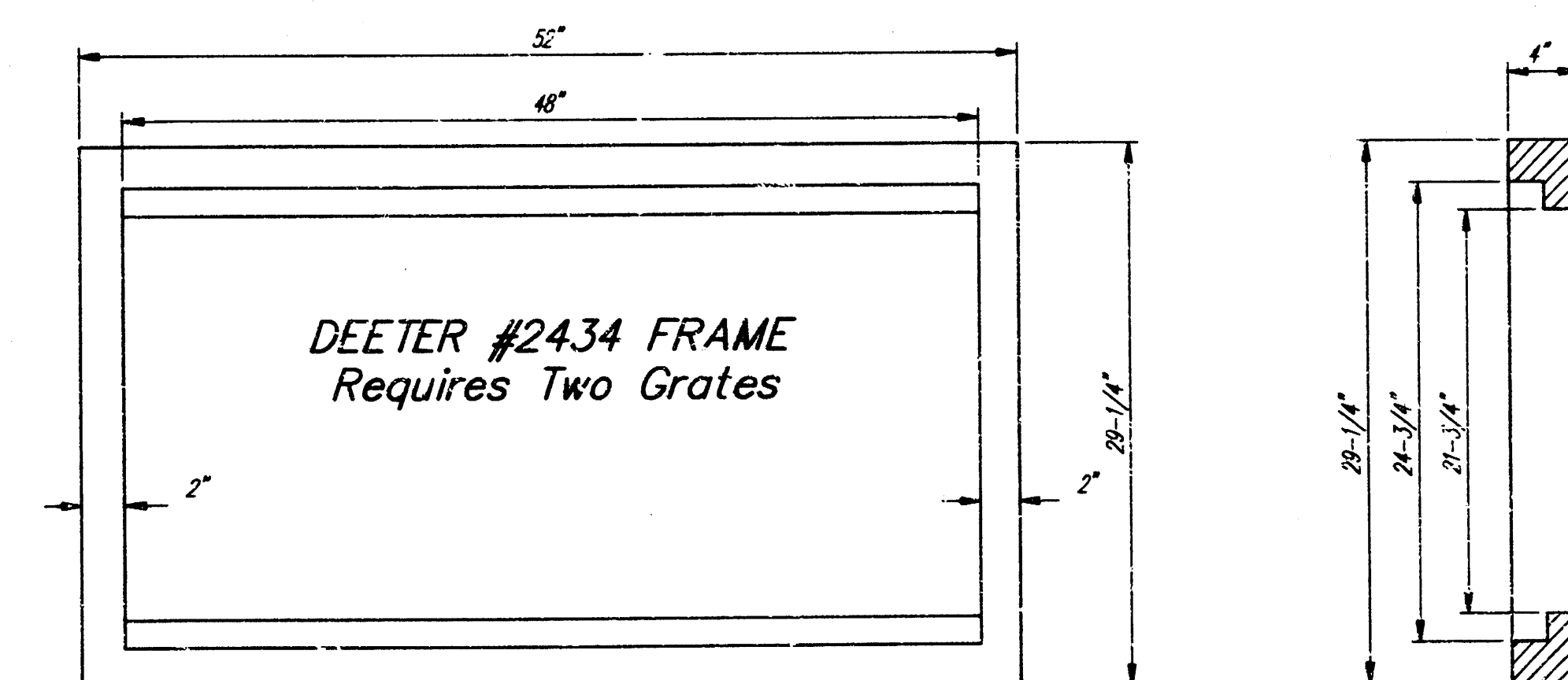
CITY OF WICHITA, KANSAS			
TYPE 1 CURB INLET			
INLET OPENING = 8'X5'-0"			
BAUGHMAN COMPANY P.A.			
ENGINEERING, SURVEYING, & PLANNING			
316-262-7271 • 316 ELLIS • WICHITA, KANSAS 67211			
PROJECT NUMBER		SHEET	
721PFS (607861)		4	
DESIGN	DRAWN	APPROVED	DATE
C.O.W.	STAFF		JUNE 1997
SCALE		NONE	
		6	



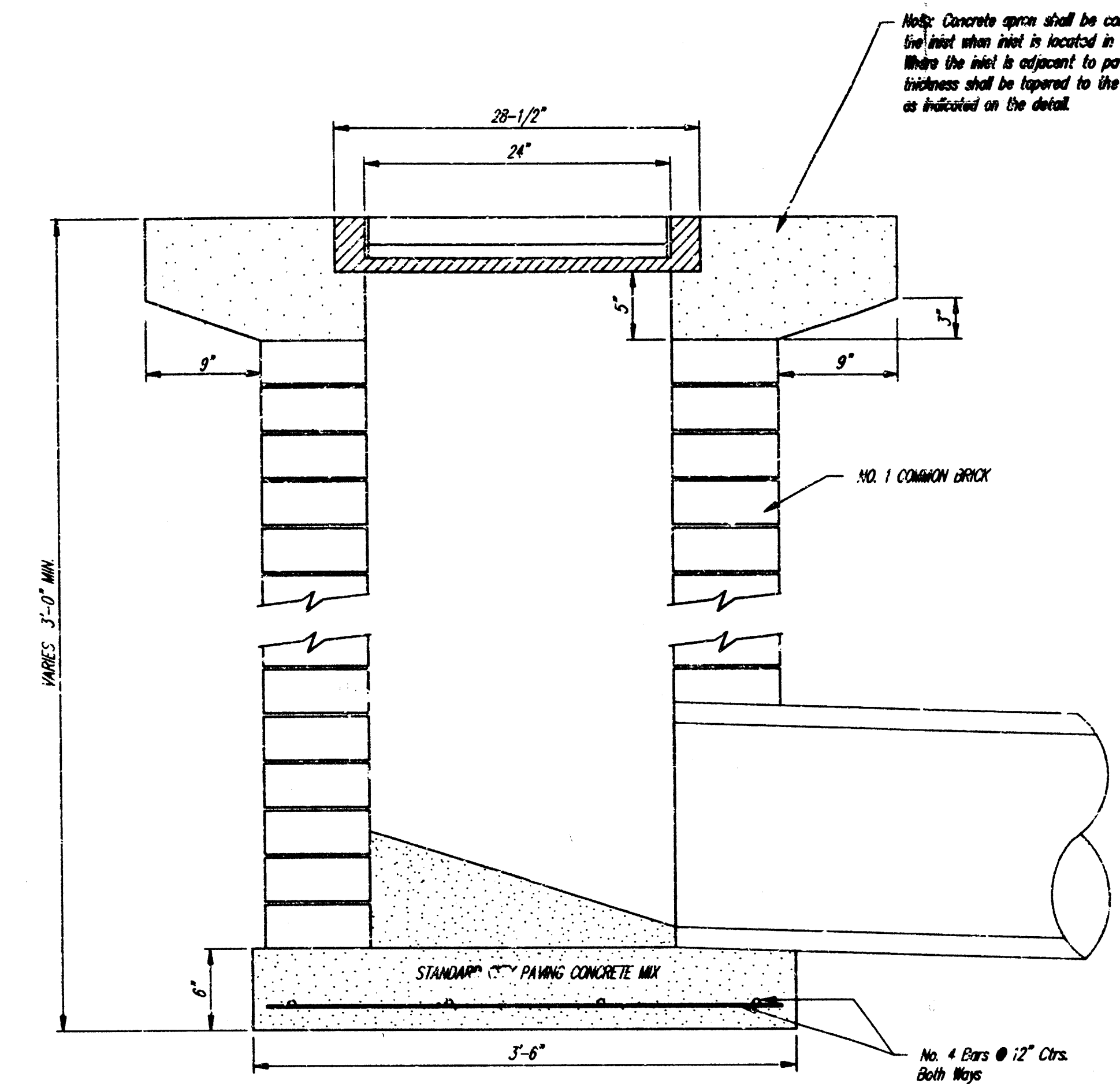
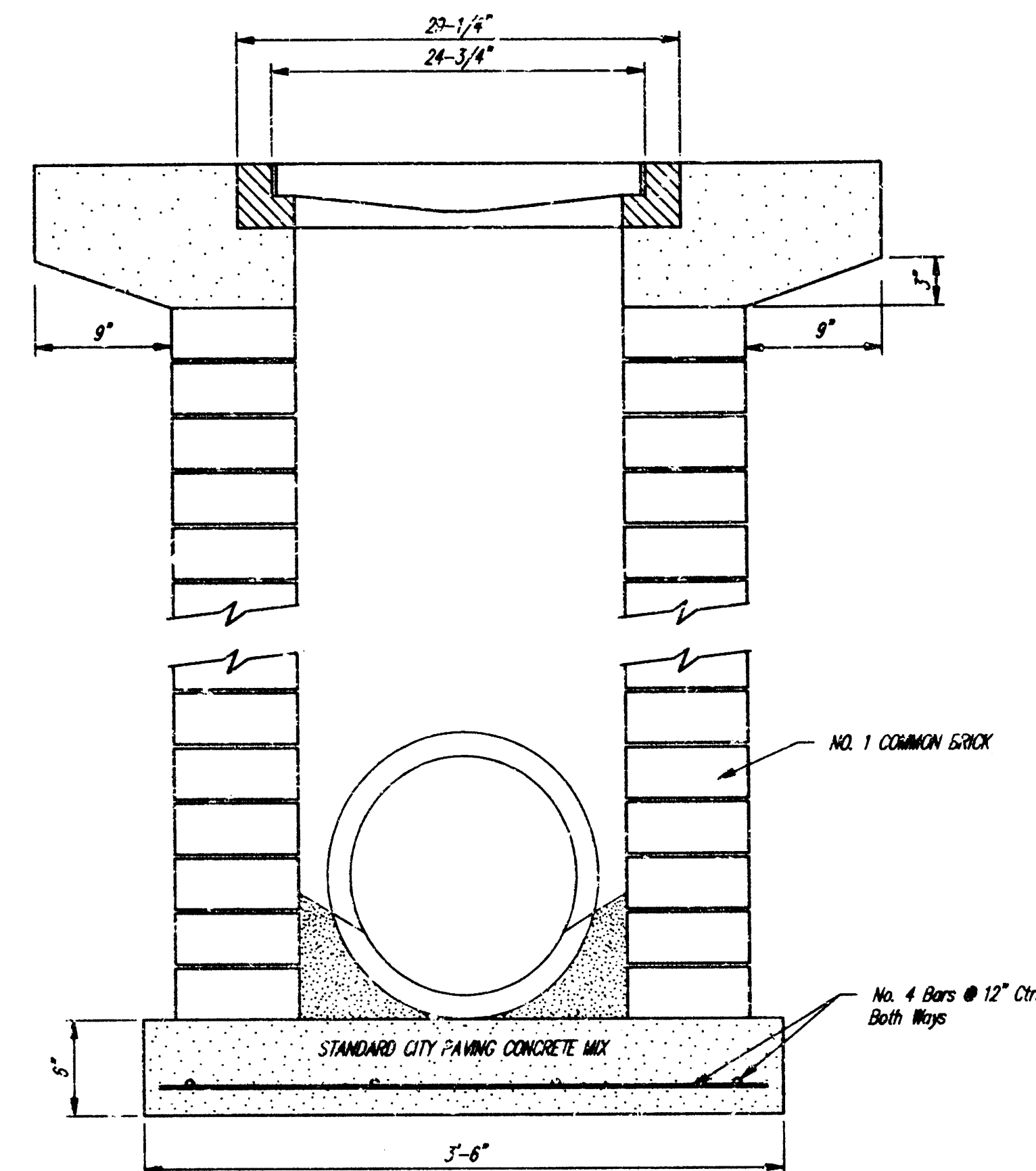
DEETER #2433 GRATE

24" x 24" Frame and Grate Detail

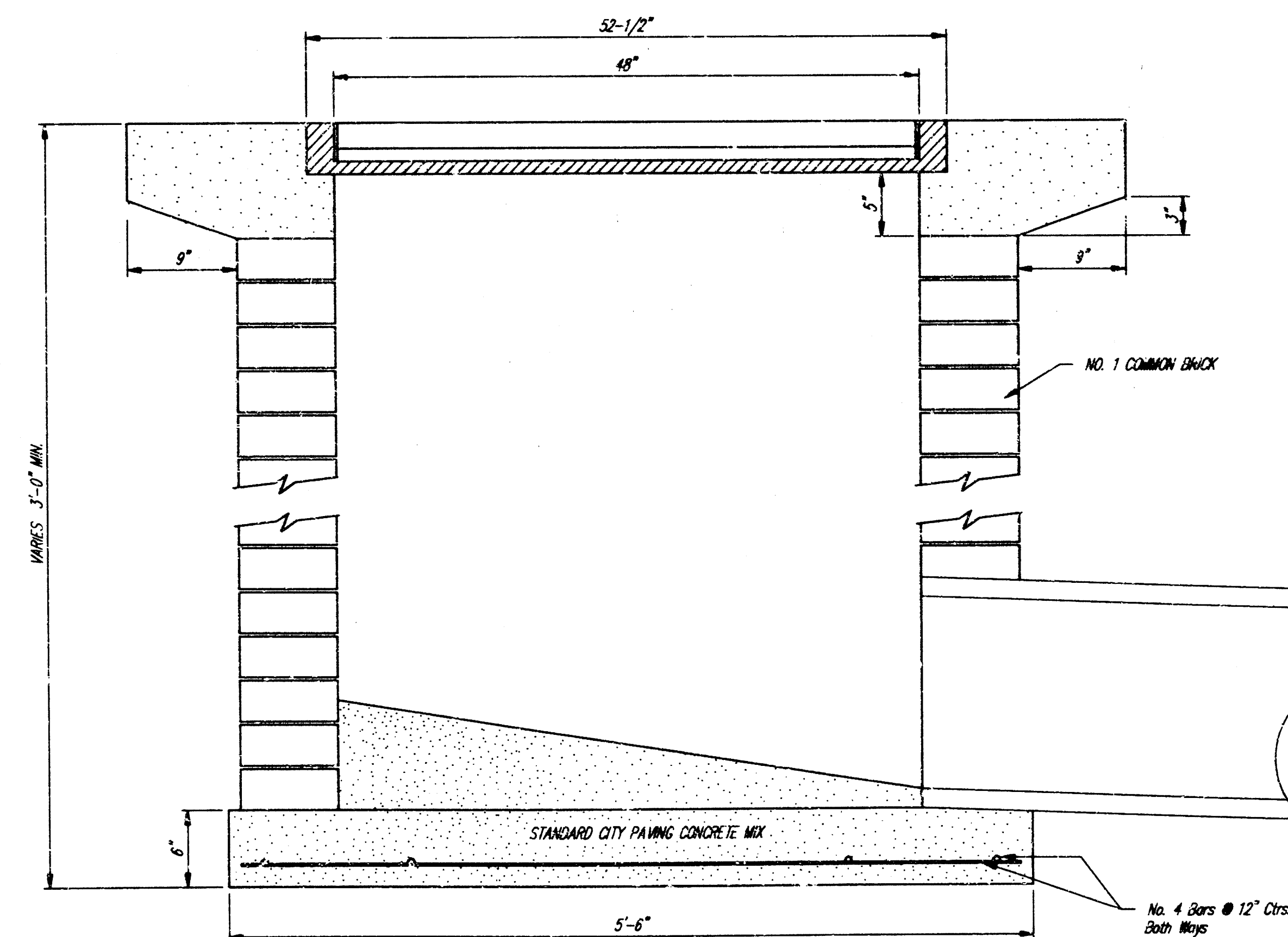
NOTE: Grates shall be imprinted on the top surface with "CITY OF WICHITA" using letters at least 1" in height. Other marking methods may be approved by the engineer.



Double 24" x 24" Frame Detail



Note: Concrete apron shall be constructed around the inlet when inlet is located in an unimproved area. Where the inlet is adjacent to pavement, the pavement width shall be tapered to the inlet as indicated on the detail.



CITY OF WICHITA STANDARD			
SWS - DROP INLET			
CHAUCER ESTATES DRAINAGE IMPROVEMENTS			
BAUGHMAN COMPANY P.A.			
ENGINEERING, SURVEYING, & PLANNING			
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211			
PROJECT NUMBER			
721PPS (607861)			
DESIGN	DRAWN	APPROVED	SCALE
C.O.W.	Staff	DATE	SCALE
		JUNE 1997	NONE
SHEET			OF
5			6

DETAIL 5.10.00P.012

