

BENCHMARK:

Rebar Located at the NE Corner of Lot 1, Conoco Addition,
Wichita, Sedgewick County, Kansas.
Elevation: 171.69 City Datum

Index

Title Sheet	1
Plan/Profile Sheet	2
Detail Sheet	3-5
Copy Of Plot	6

STORM WATER SEWER TO SERVE

Conoco Addition

LOT 1

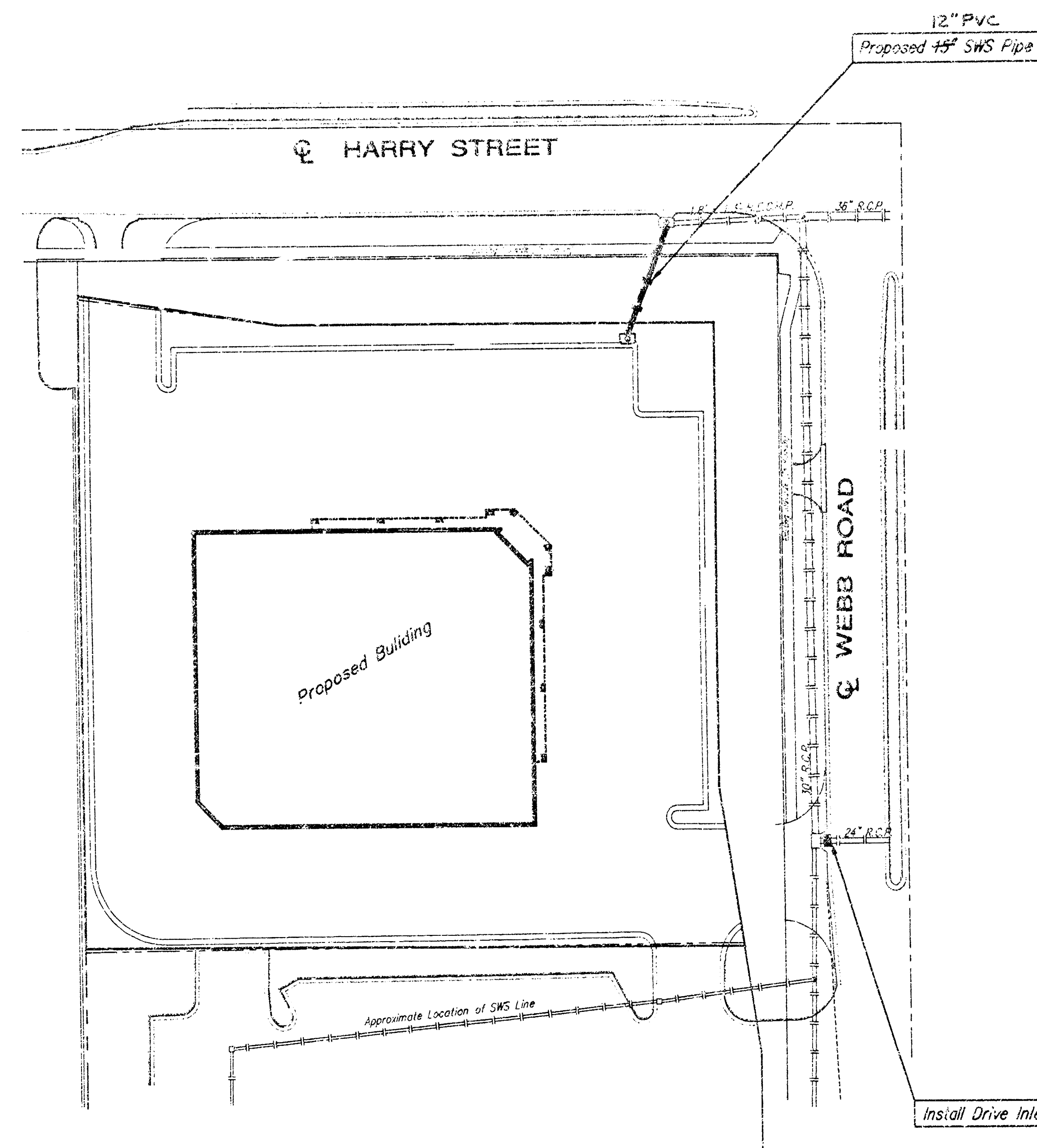
Private Project Number

966 PPS (607861)

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

January 2000

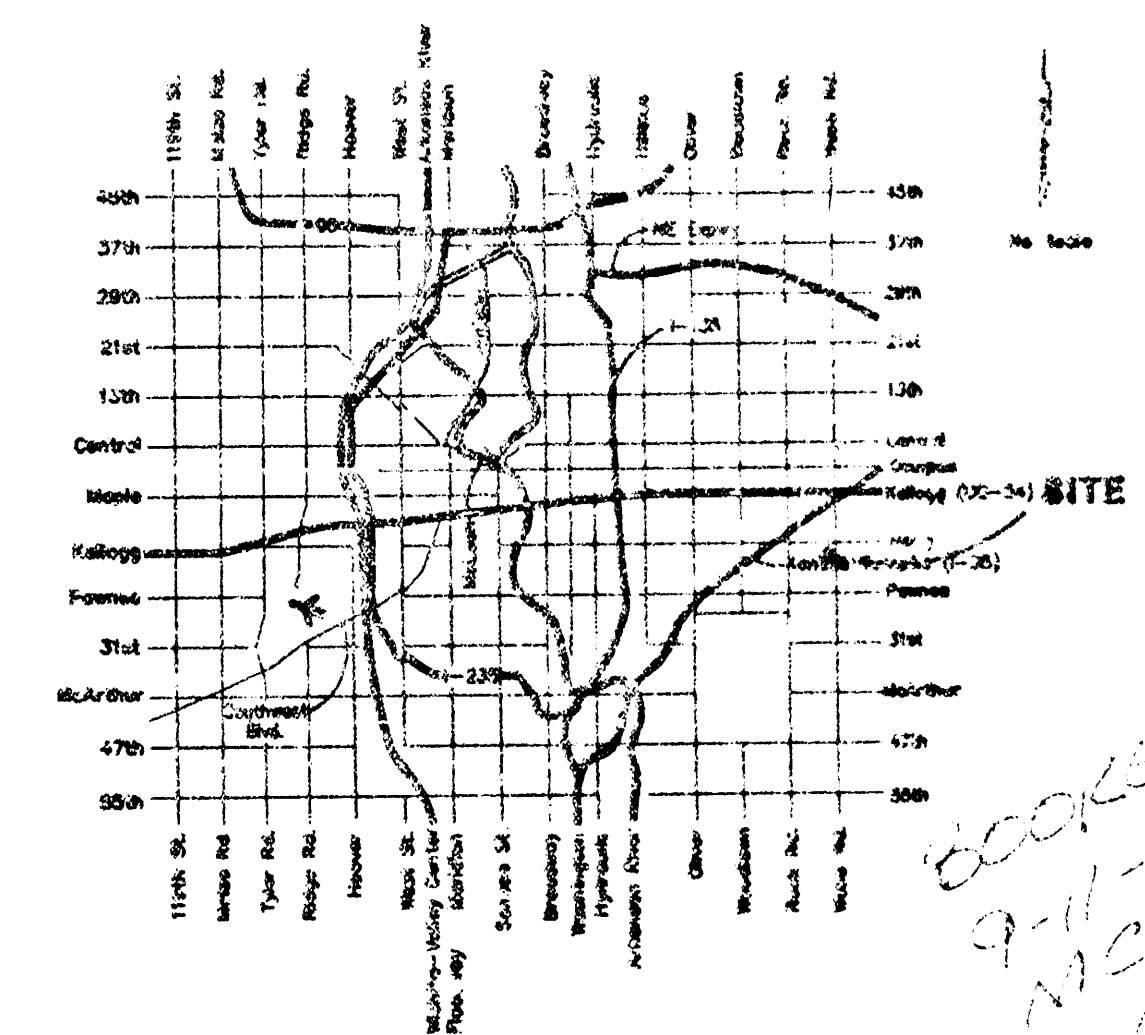
SCALE:
1" = 40'



General Notes

- 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
The Contractor must notify the following in case of an emergency:
MultiMedia Cablevision 262-4270
Kansas Gas Service Company 383-8600
Kansas Gas & Electric Company 383-8650
Peoples Gas Company 942-7600
Southwestern Bell Telephone Company 1-571-2611
City of Wichita Water Department 268-4908
City of Wichita Sewer Department 268-4071
- Utility service lines, poles, valve boxes, meters, et cetera, 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 and shall be field verified. The contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.
- 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.
- 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.
- 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. All disposal sites must be approved by the Kansas Department of Health and Environment. Material either stockpiled or disposed of in a flood plain would require a Kansas State Board of Agriculture permit. Any material dumped in waters of the United States or wetlands is subject to U.S. Corps. of Engineers permitting regulations. Any material buried or stockpiled beyond approved construction limits would require additional archaeological investigations unless buried in a previously approved borrow location.
- Cuts made to paved surfaces on public property will be repaired by the City's contractor and charged against the owner/applicant. Unit repair prices are available from the City at 268-4418. A surcharge may be applicable; call 268-4418 for details. Repair costs to be paid prior to release of sewer service if sewer service is affected. Contractor shall obtain permit prior to construction.

Location Map



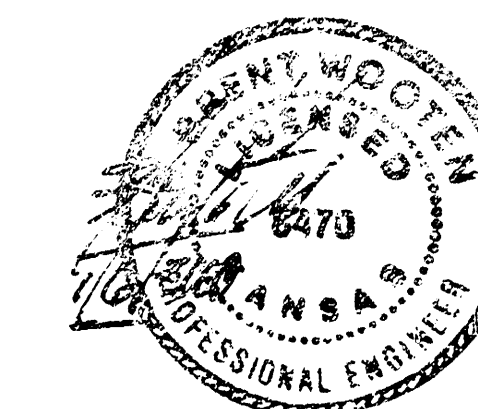
AS BUILT 7/00

APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA

Storm Sewers VRH 1/7/2000

NOTE TO CONTRACTORS

Installation, inspection and testing for the waterline 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).



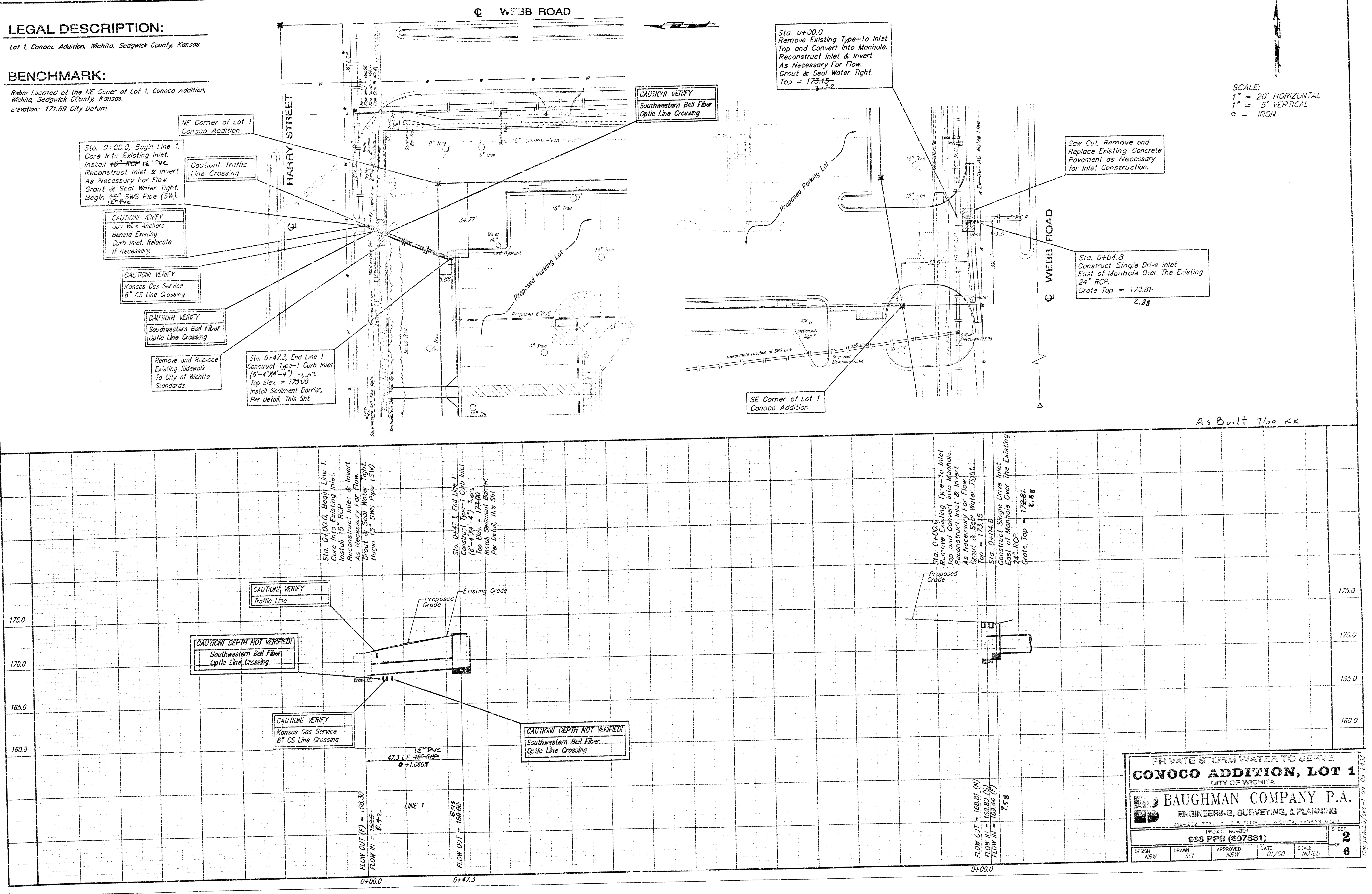
BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
3101-202 • 371 • 378 6018 • WICHITA, KANSAS 67211

LEGAL DESCRIPTION:

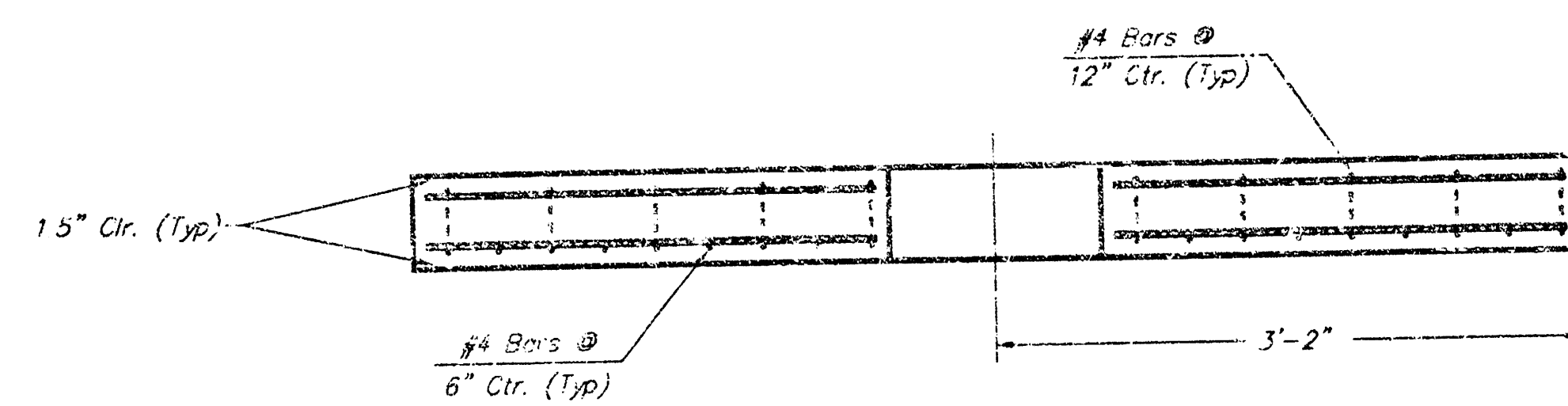
Lot 1, Conoco Addition, Wichita, Sedgewick County, Kansas.

BENCHMARK:

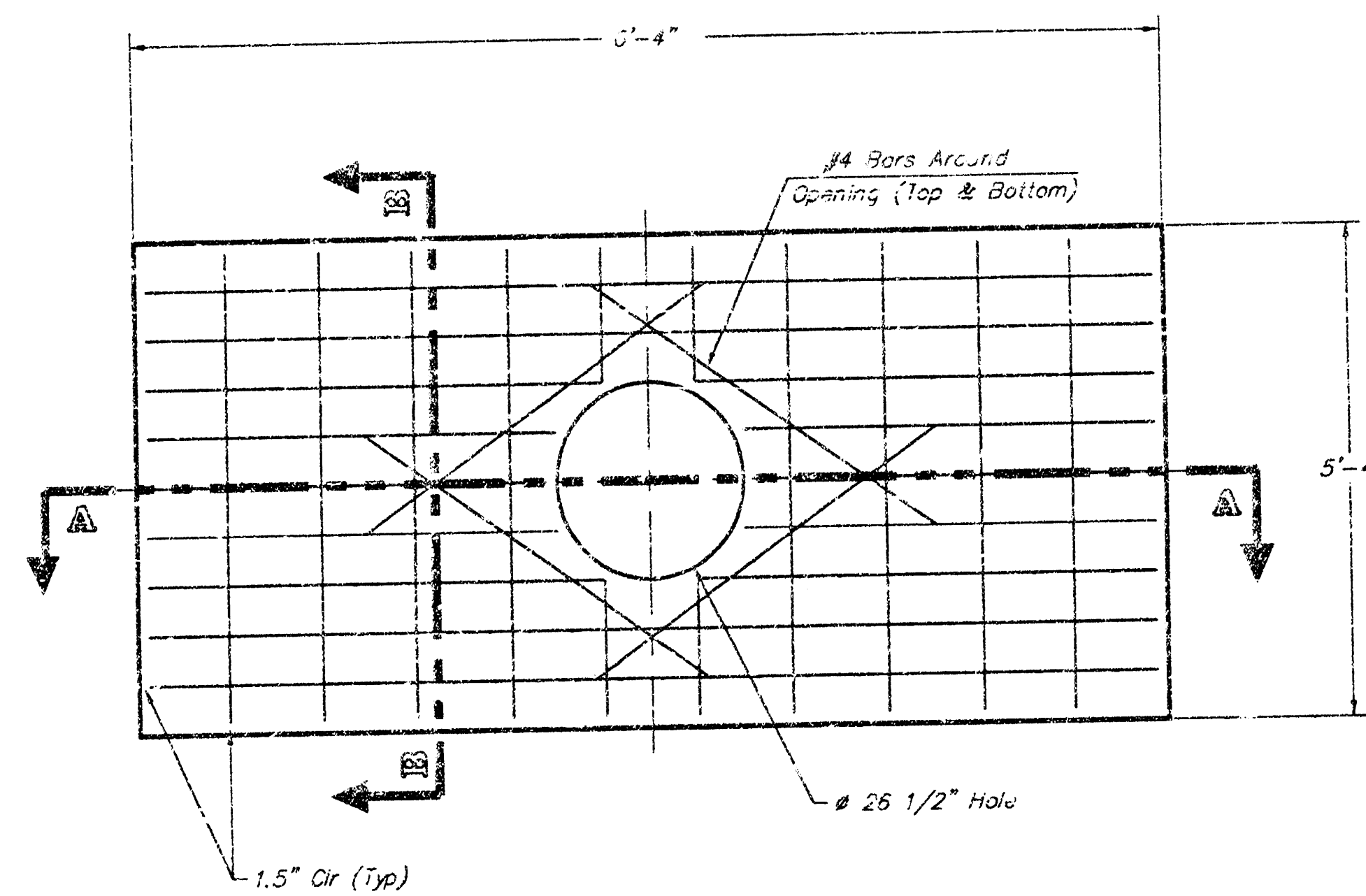
Rebar Located at the NE Corner of Lot 1, Conoco Addition,
Wichita, Sedgewick County, Kansas.
Elevation: 171.69 City Datum



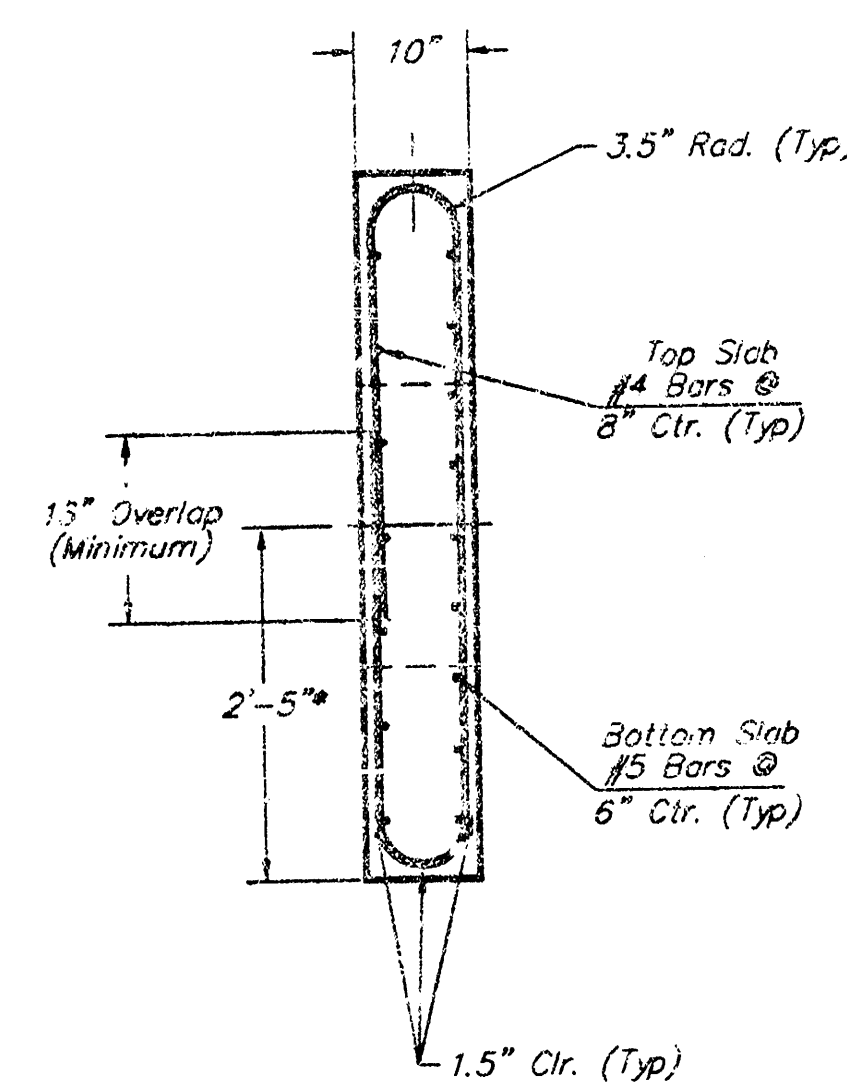
PRIVATE STORM WATER TO SERVE					
CONOCO ADDITION, LOT 1					
CITY OF WICHITA					
BAUGHMAN COMPANY P.A.					
ENGINEERING, SURVEYING, & PLANNING					
316-222-7271 • 115 ELLIS • WICHITA, KANSAS 67211					
PROJECT NUMBER					
968 PPS (607881)					
DESIGN	DRAWN	APPROVED	DATE	SCALE	SHEET
NEW	SCL	NEW	01/00	NOTED	2
					6



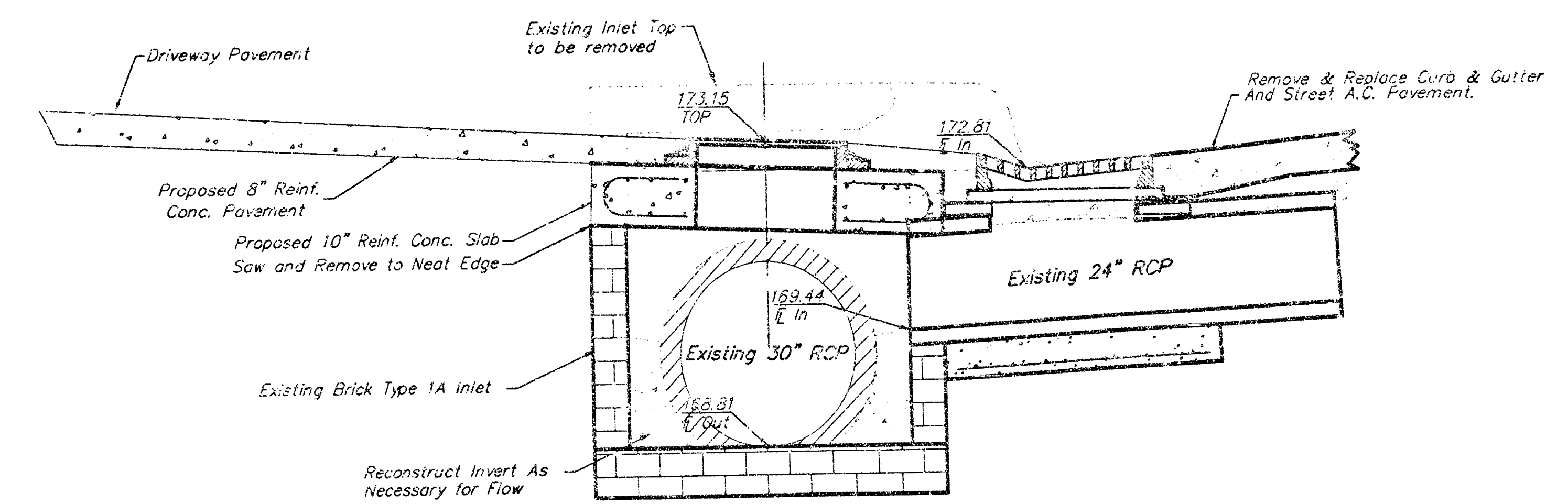
SECTION A-A



CONCRETE SLAB



SECTION B-B



SECTION AT CENTER WALL

GENERAL NOTES:

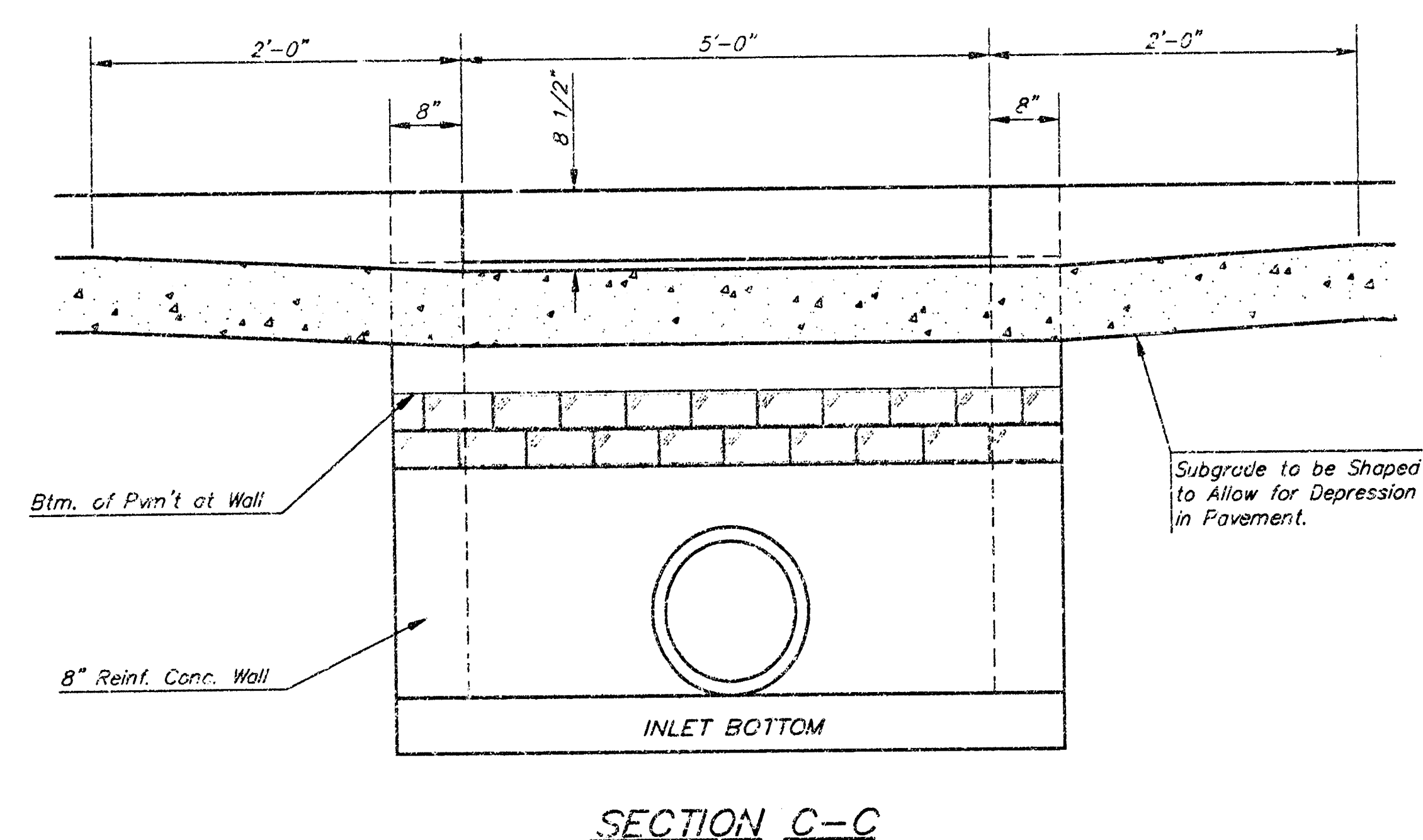
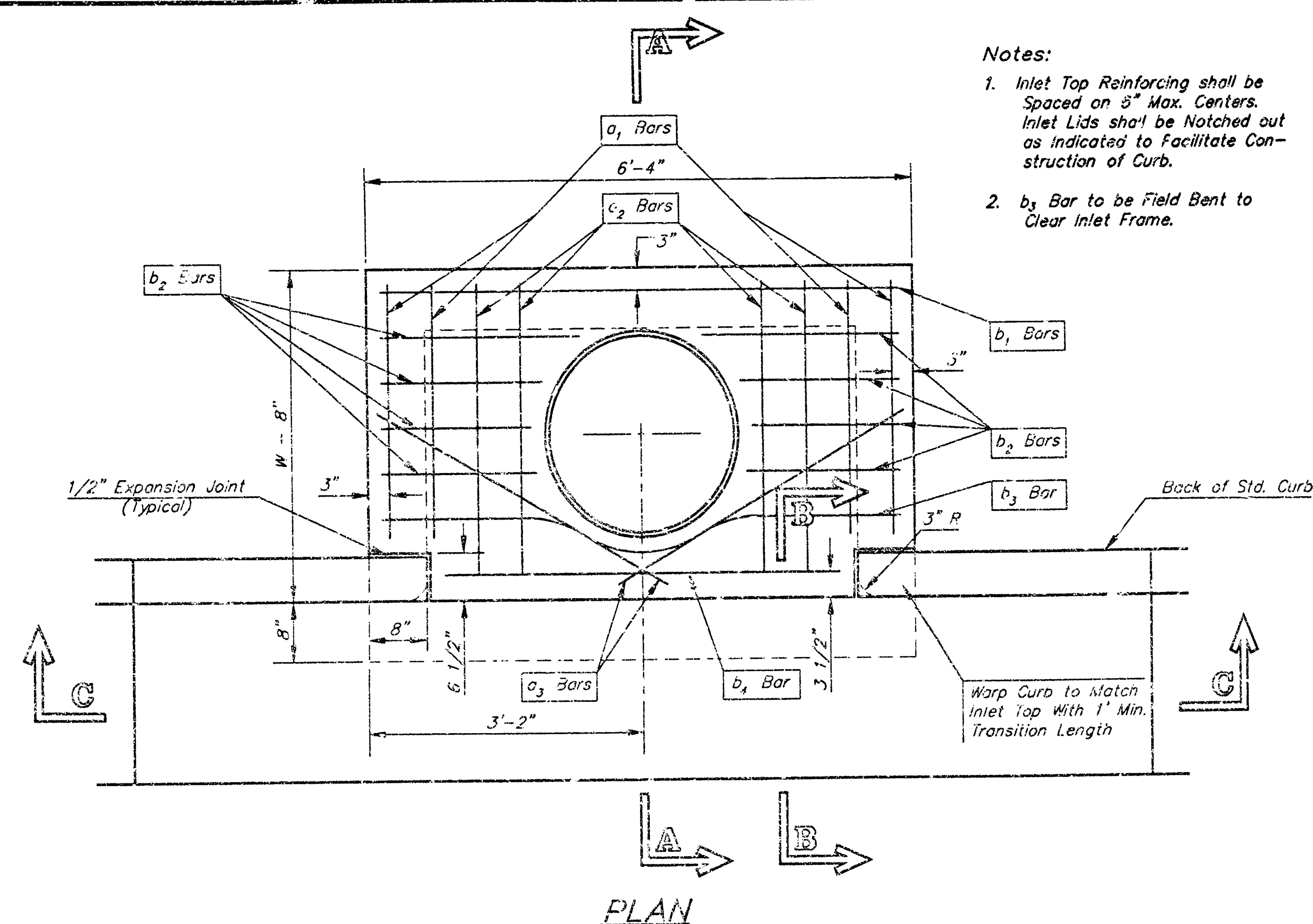
Concrete shall be C.O.W. standard paving mix. All exposed edges shall be finished with an edging tool.

Concrete tops to be installed on thin mortar cushion to insure full support along inlet walls. Concrete tops may be cast in place or precast.

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

CITY OF WICHITA					
INLET TO MANHOLE DETAIL					
CONOCO ADDITION - LOT 1					
BAUGHMAN COMPANY P.A.					
ENGINEERING, SURVEYING, & PLANNING					
316-262-1271 • 319 ELLIS • WICHITA, KANSAS 67211					
PROJECT NUMBER					
996 PPS (607861)					
DESIGN	DRAWN	APPROVED	DATE	SCALE	SHEET
NBW	SCL	NEW	01/00	NONE	3 OF 6

99-08-1413
Herry/Kelly/Jet

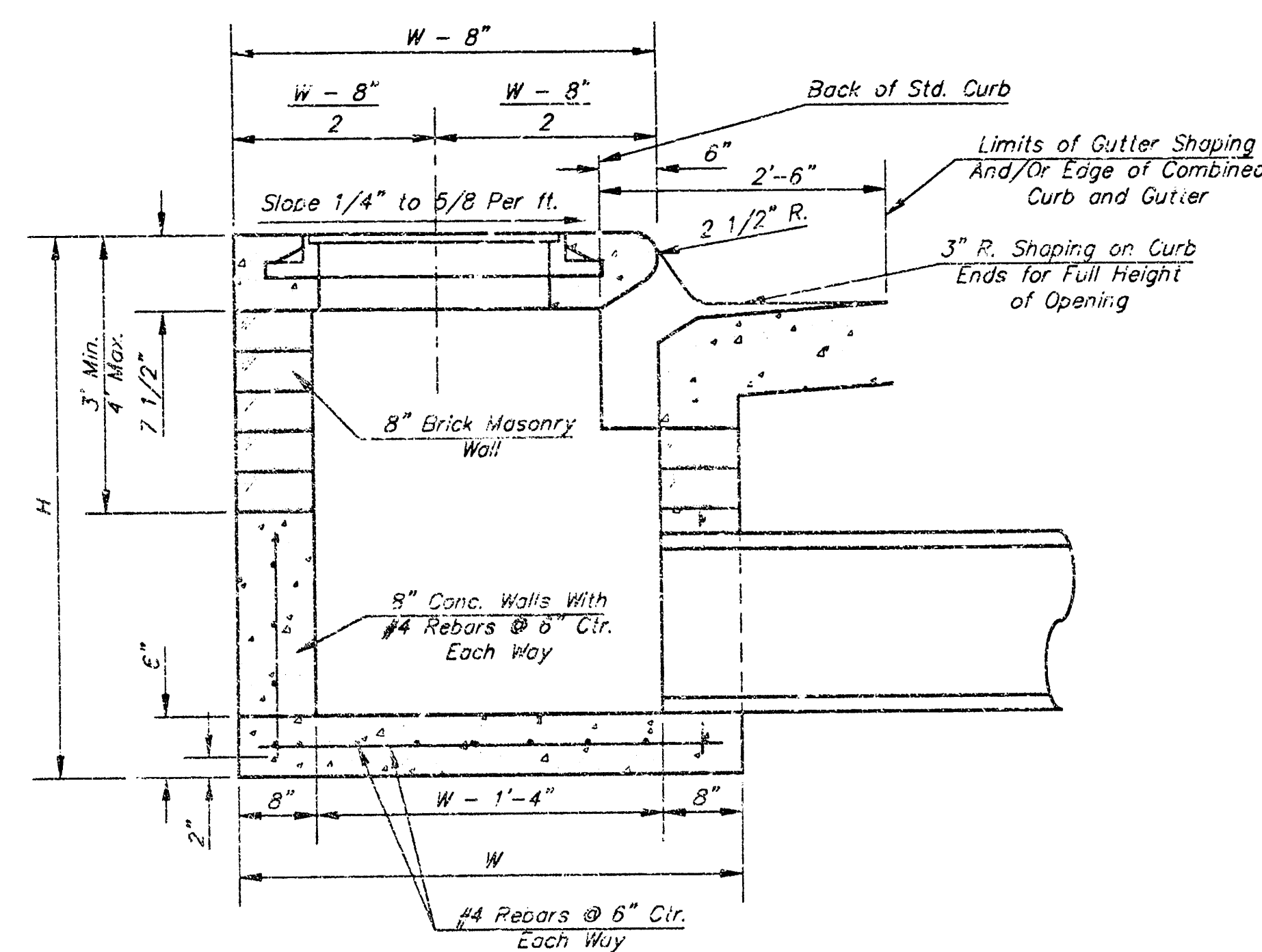


SECTION C-C

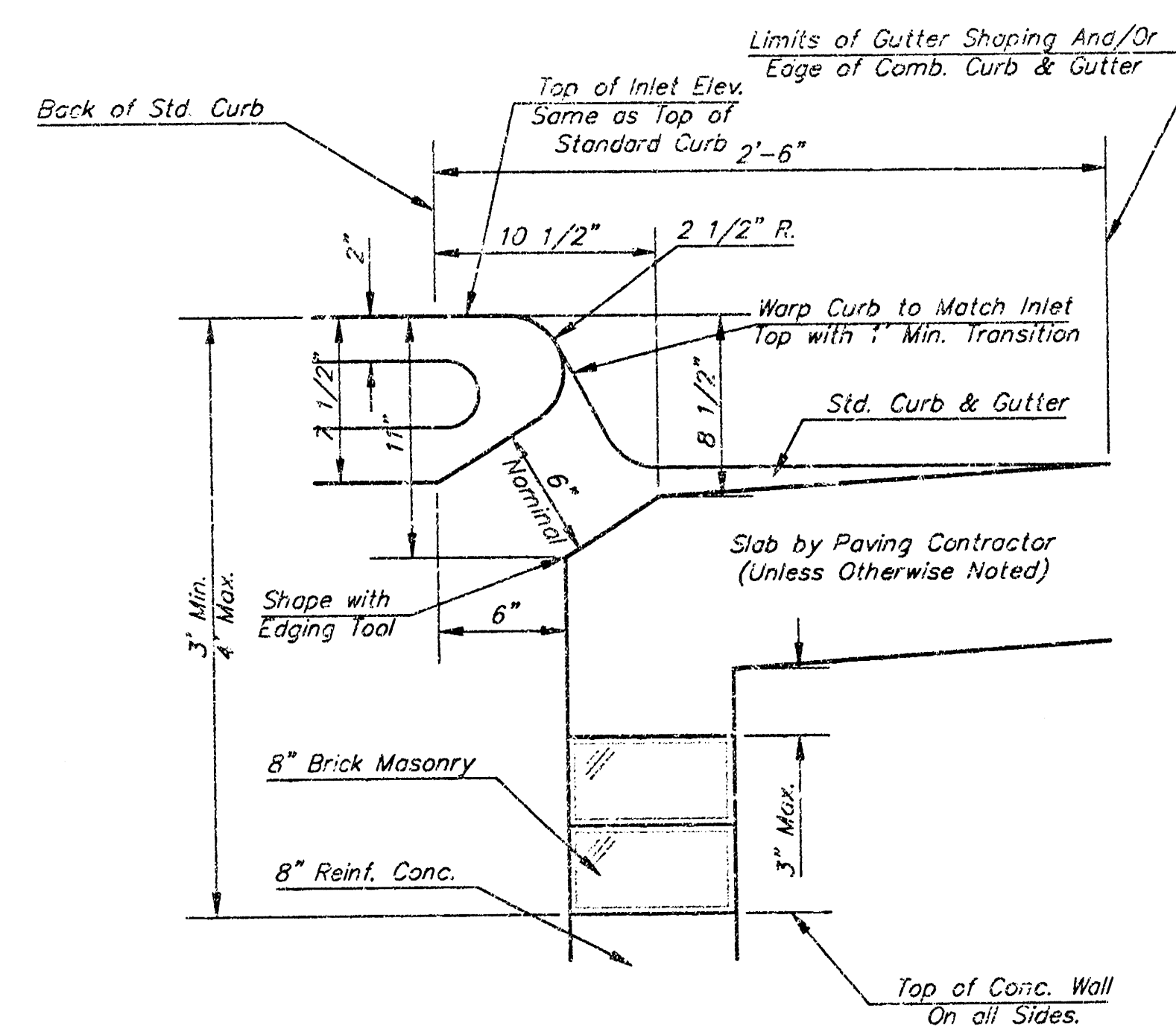
STEEL SCHEDULE												
BAR	a ₁	a ₂	a ₃	a ₄	a ₅	a ₆	a ₇	a ₈	a ₉	a ₁₀	a ₁₁	a ₁₂
NUMBER	4	4	2	1	3	5	7	9	6	1	1	
SIZE	#4	#4	#4	#4	#4	#4	#4	#4	#4	#4	#6	
LENGTH	W=4'-4"	5'-2"	6'-2"	4'-0"	6'-1"	-	-	-	1'-9"	6'-2"	4'-8"	60±
	W=5'-4"	7'-2"	8'-2"	5'-0"	-	6'-1"	-	-	1'-9"	6'-2"	4'-8"	81±
	W=6'-4"	9'-2"	10'-2"	6'-0"	-	-	6'-1"	-	1'-9"	6'-2"	4'-8"	101±
	W=7'-4"	11'-2"	12'-2"	7'-0"	-	-	-	6'-1"	1'-9"	6'-2"	4'-8"	121±
	W=8'-4"	13'-2"	14'-2"	8'-0"	-	-	-	-	1'-9"	6'-2"	4'-8"	141±

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

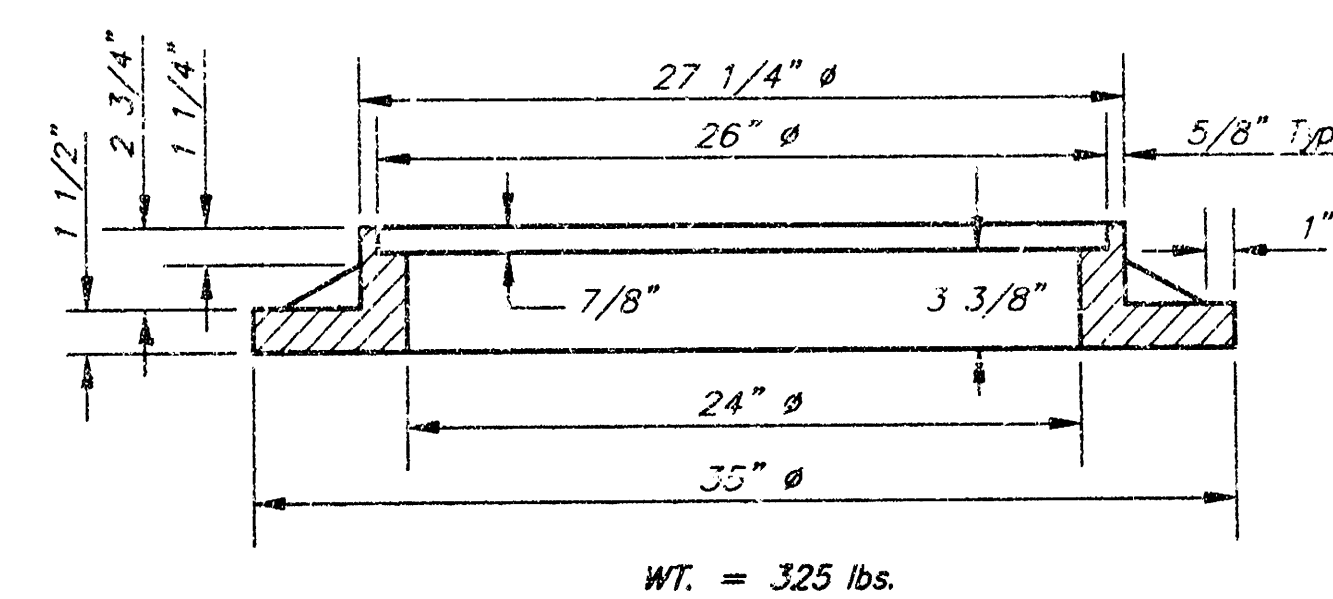
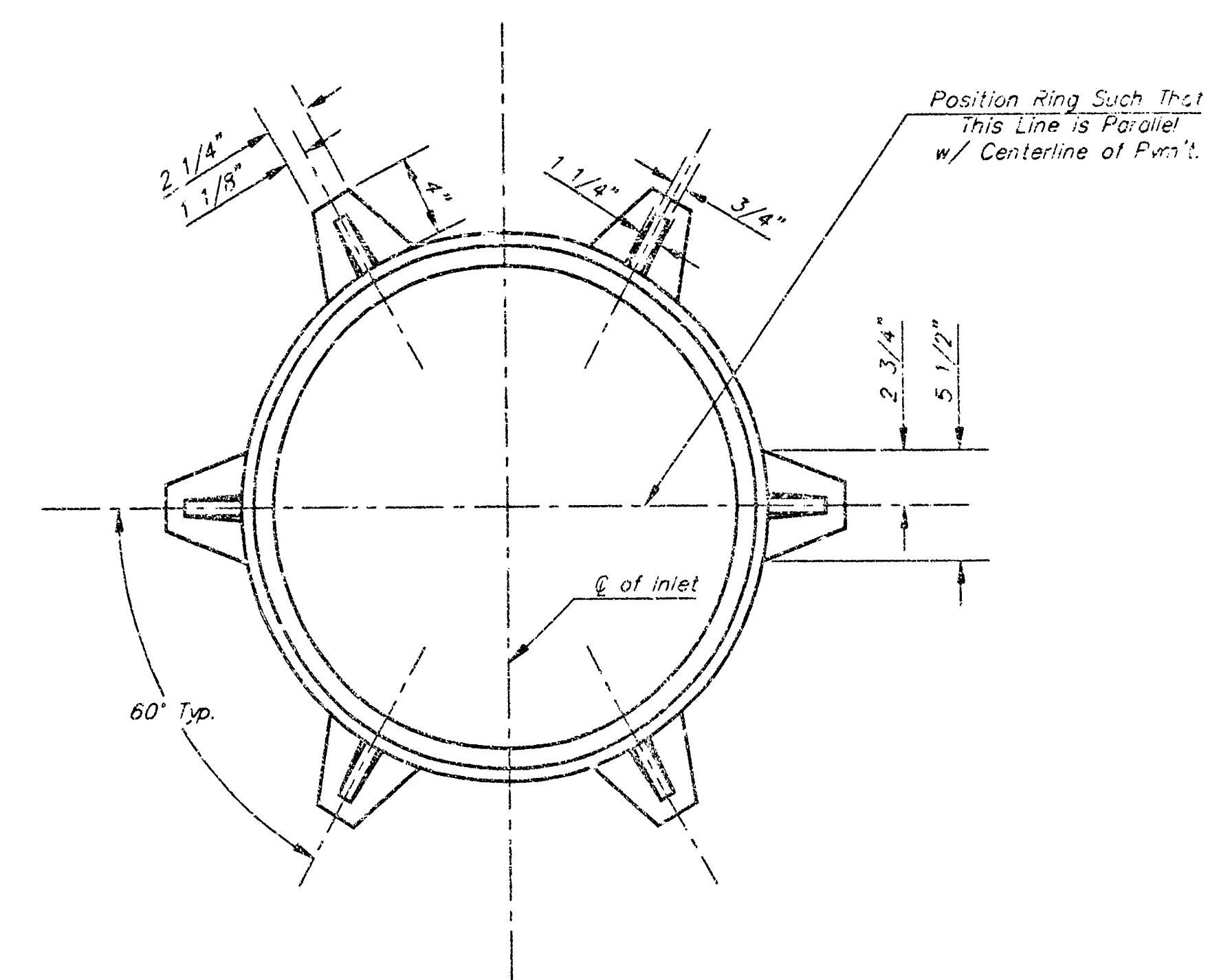
STANDARD CURB INLET PRECAST TOPS			
W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
4'-4"	3'-8" 6'-4" 7 1/2"	21" & SMALLER	0.38±
5'-4"	4'-8" 6'-4" 7 1/2"	24" & 30"	0.51±
6'-4"	5'-8" 6'-4" 7 1/2"	36" & 42"	0.64±
7'-4"	6'-8" 6'-4" 7 1/2"	48" & 54"	0.77±
8'-4"	7'-8" 6'-4" 7 1/2"	60" & 66"	0.90±



SECTION A-A

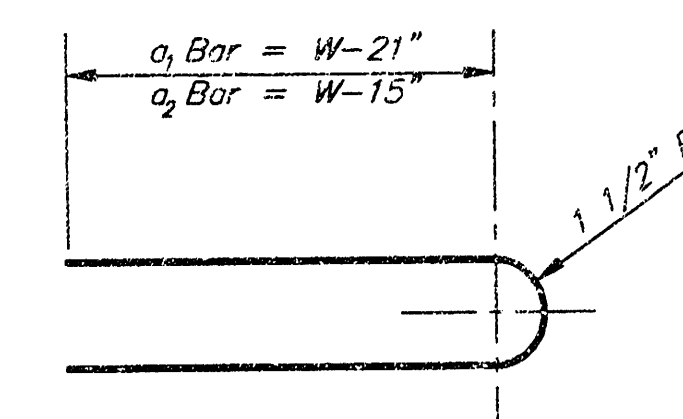


SECTION B-B



MANHOLE RING AND COVER

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



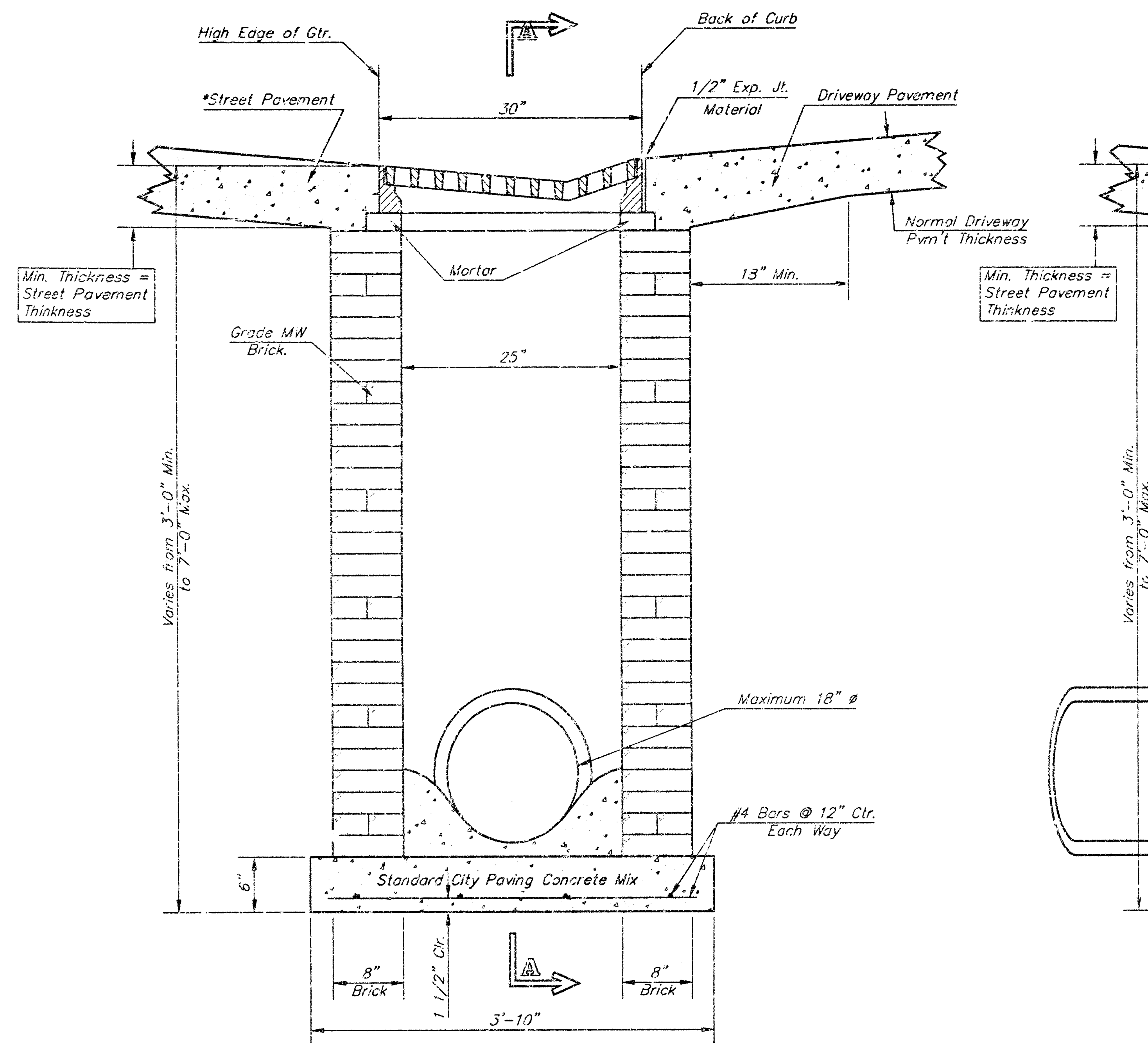
BENDING DIAGRAM

GENERAL NOTES

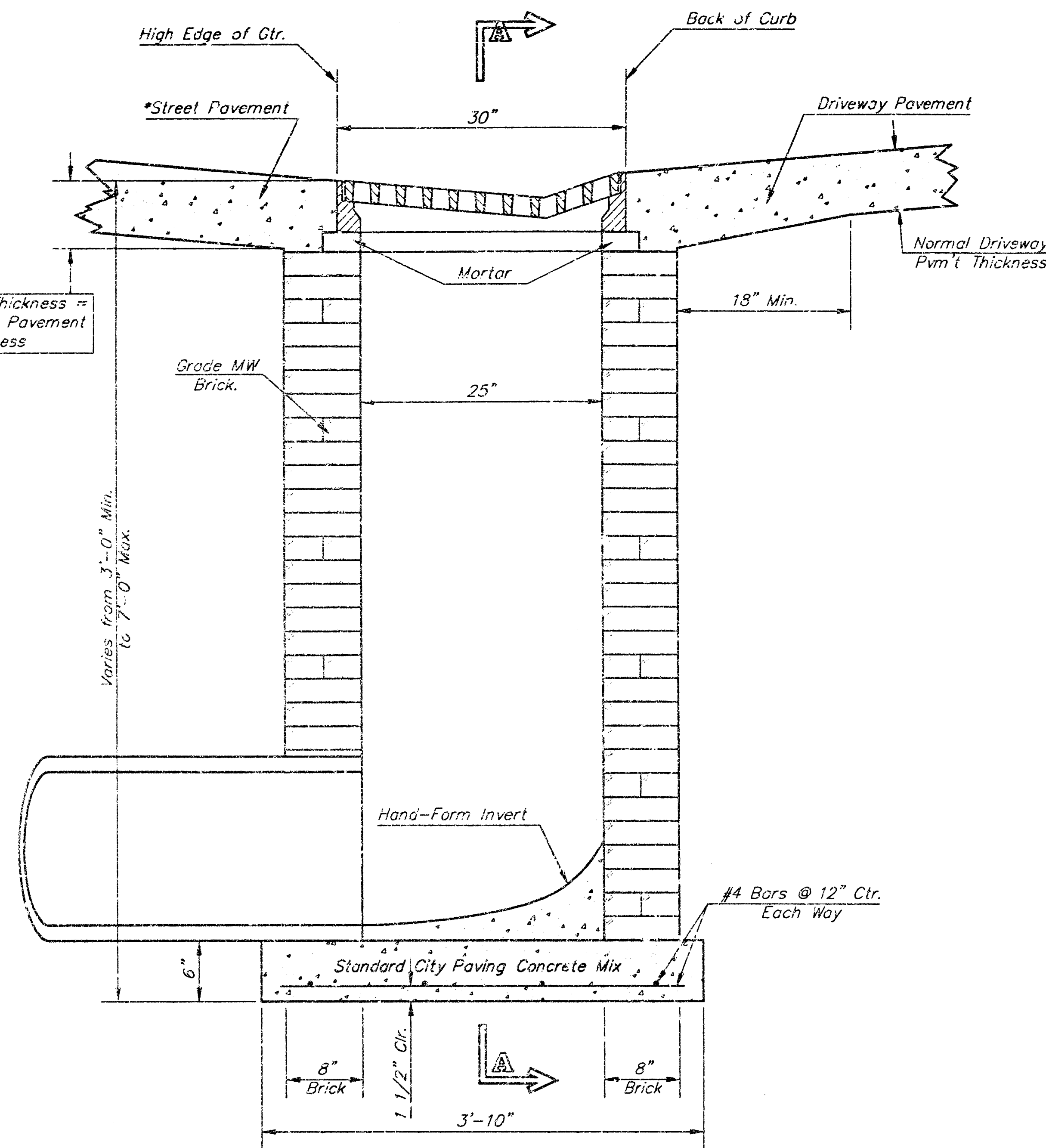
- Concrete tops to be installed on thin mortar cushion to insure full support along brick walls. Concrete tops may be cast in place or precast. Concrete used for inlet construction shall be concrete pavement mix.
- Contractor shall have the option of constructing 8" brick masonry walls between the concrete 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.

CITY OF WICHITA, KANSAS					
TYPE 1 CURB INLET					
INLET OPENING = 6'X5'-0"					
BAUGHMAN COMPANY P.A.					
ENGINEERING, SURVEYING, & PLANNING					
316-262-7271 • 218 ELLIS • WICHITA, KANSAS 67211					
PROJECT NUMBER					
966 PPS (807981)					
DESIGN	DRAWN	APPROVED	DATE	SCALE	SHEET
C.O.W.	STAFF		12/18/98	NONE	4 OF 6

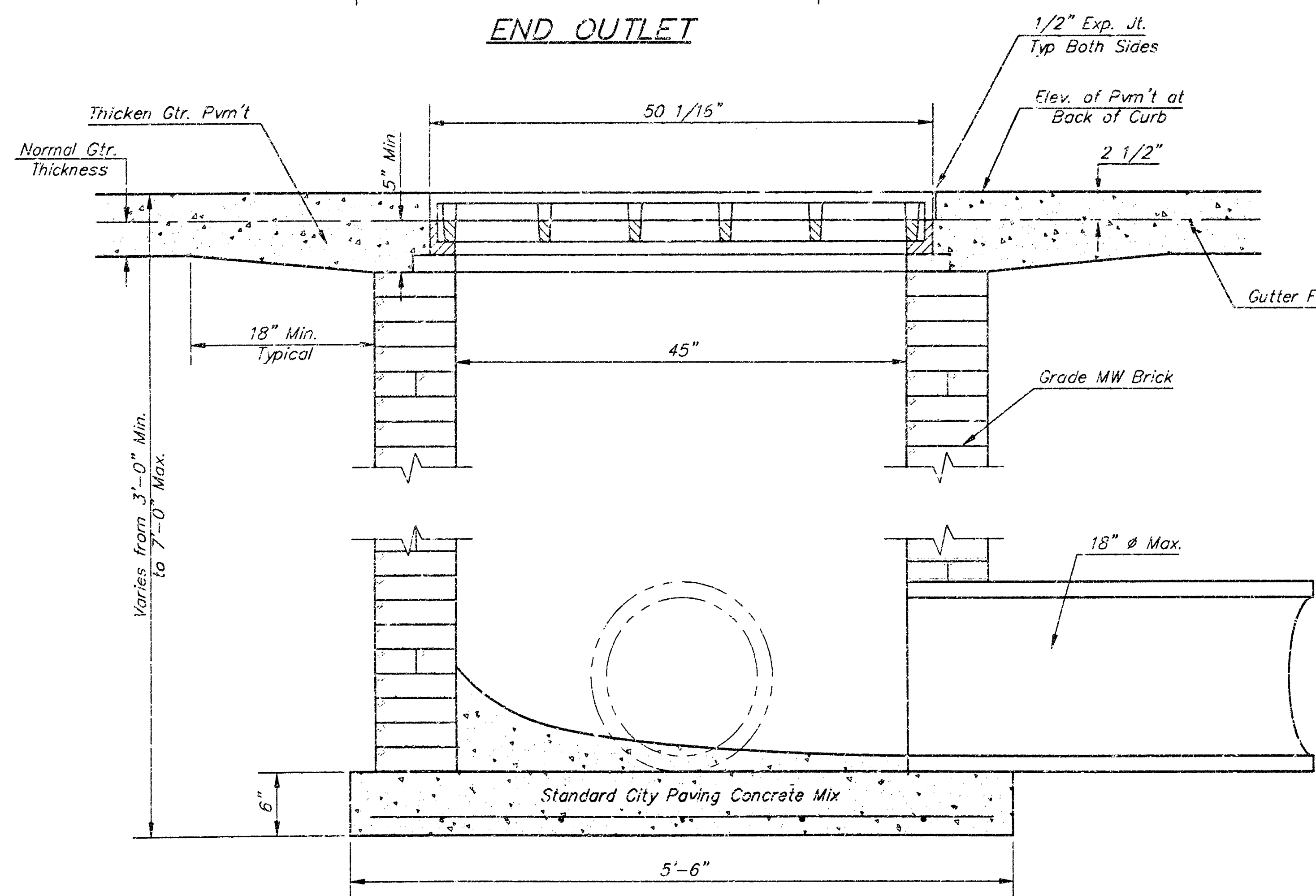
Revised - Dec. 21, 1984



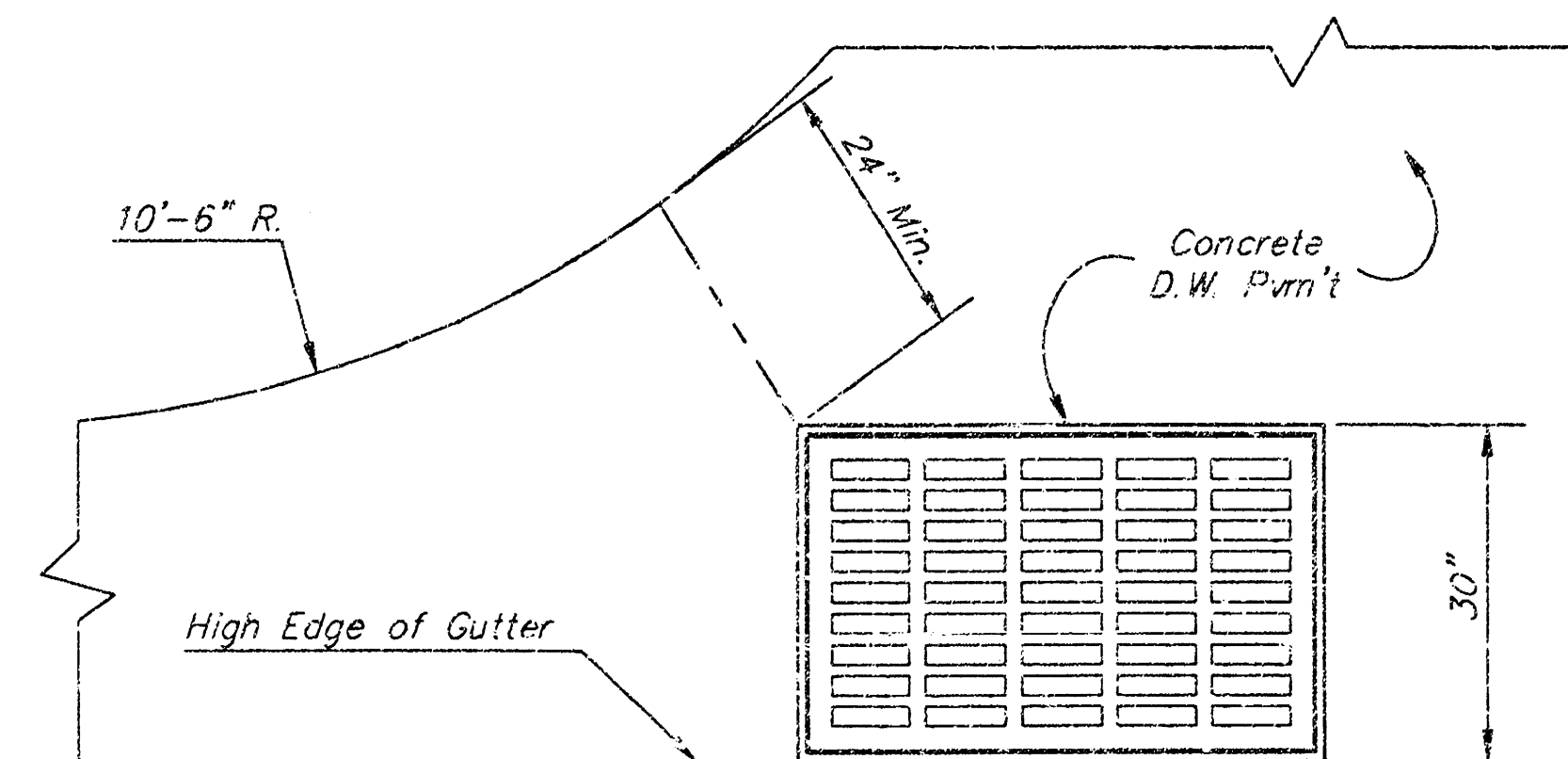
END OUTLET



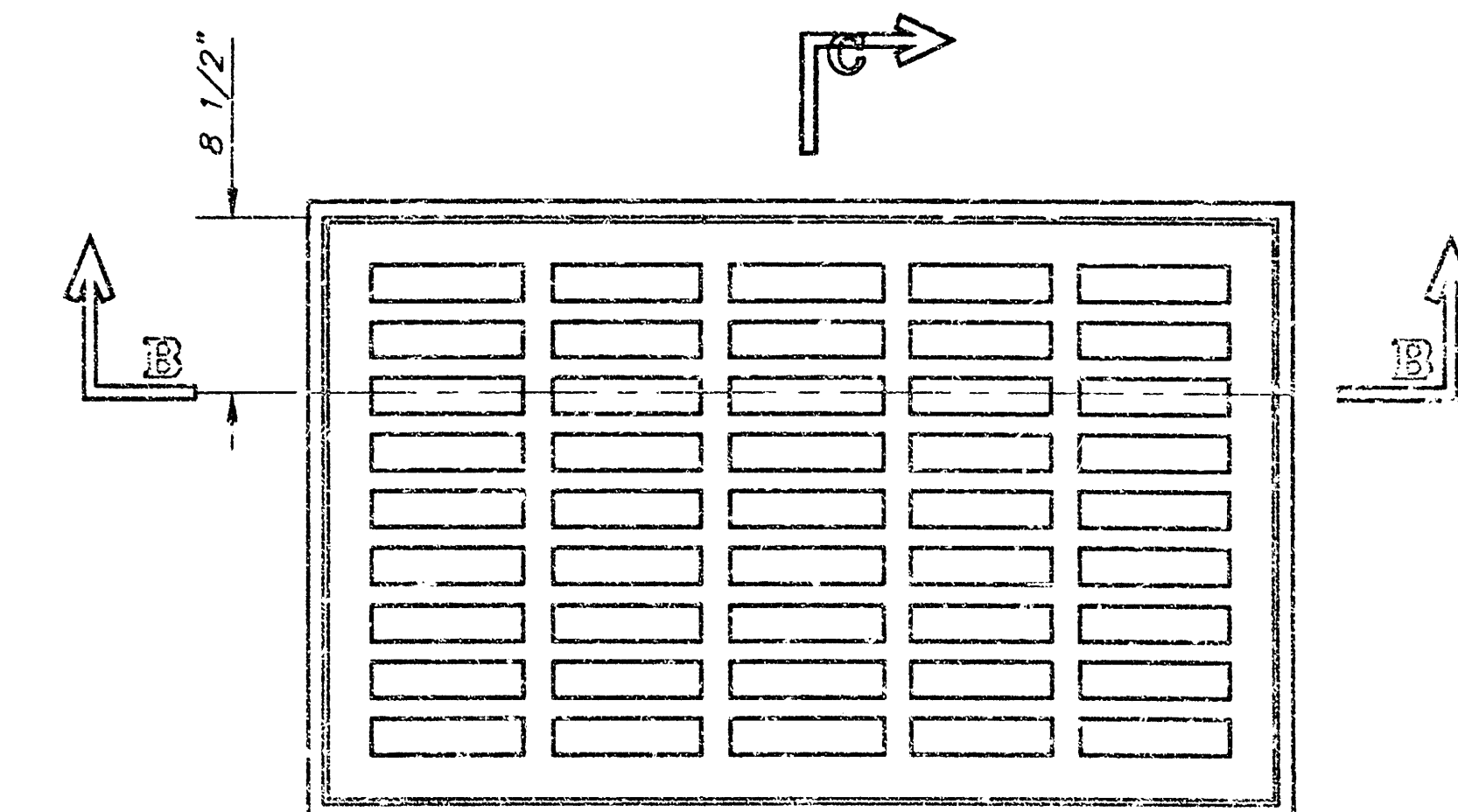
SIDE OUTLET



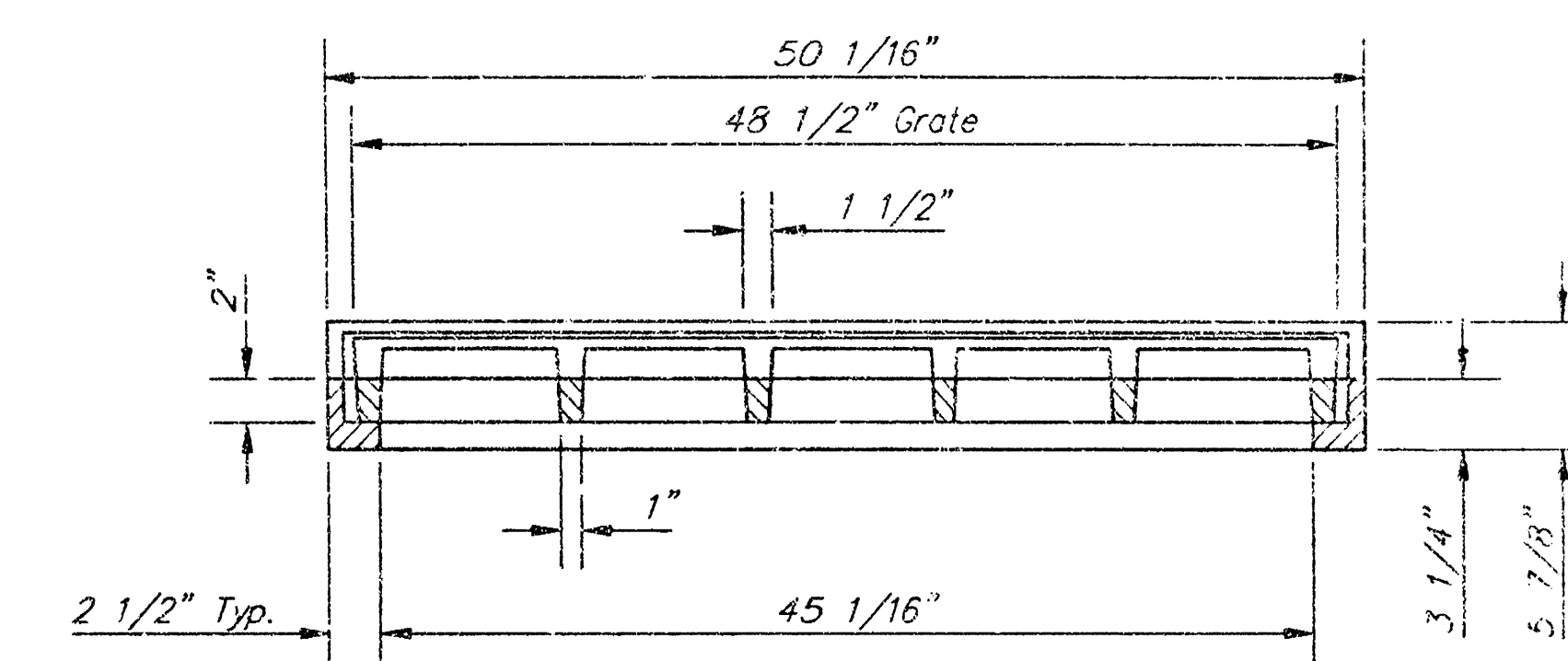
SECTION A-A



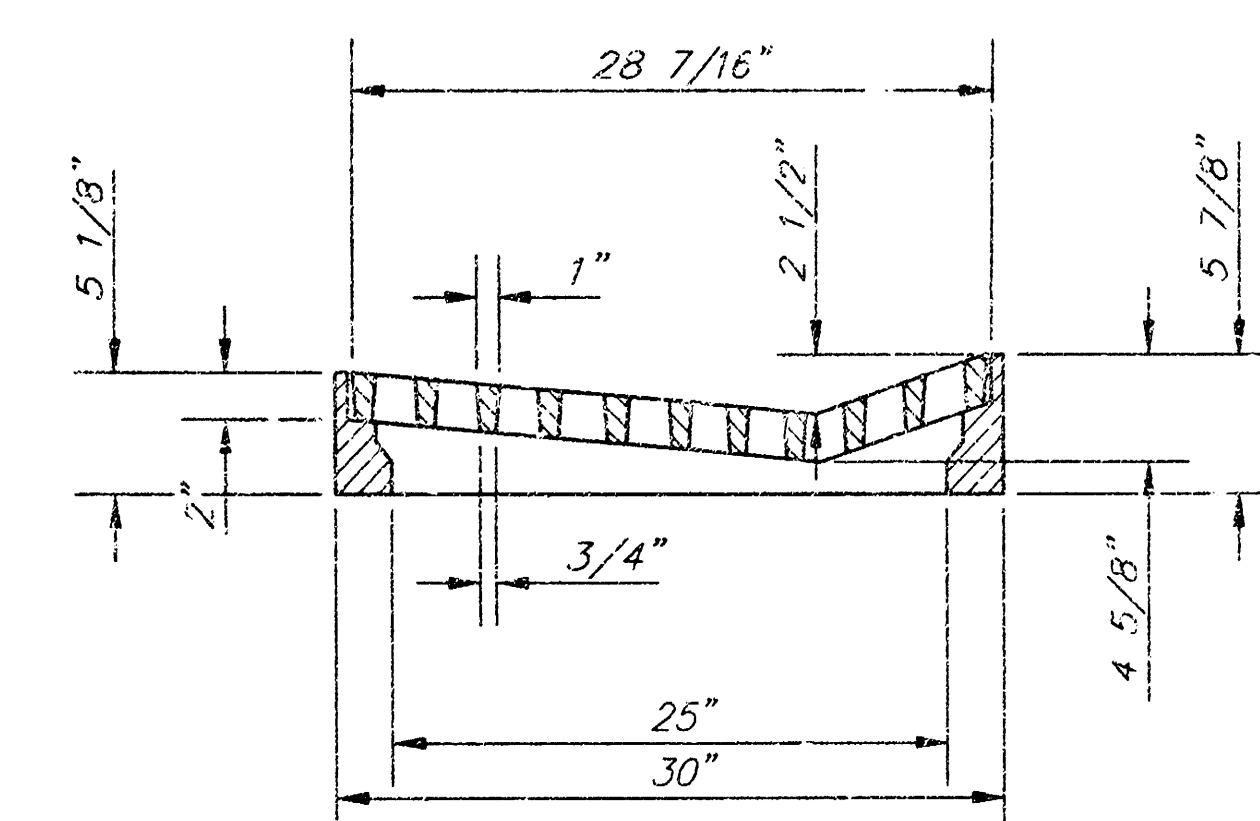
PLAN



PLAN



SECTION B-B



SECTION C-C

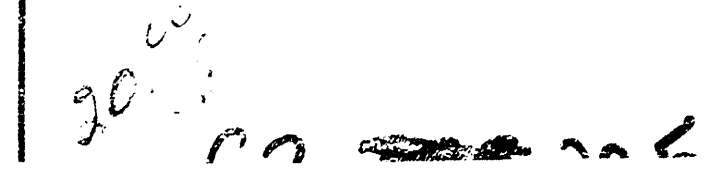
DEETER #2095 FRAME & GRATE
TOTAL WEIGHT: 705 lbs.

GENERAL NOTES

1. Grate frame to be installed on thin mortar cushion to insure full support along brick walls. Concrete used for inlet construction shall be concrete pavement mix.
2. 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.
3. The ends of all pipes installed in inlets shall be cut off flush with the inside face of the inlet wall.
4. Inlet Frame and Grate to be Deeter #2095 or approved equal.

CITY OF WICHITA					
STANDARD DRIVE INLET					
REXSTILLER ADDITION					
BAUGHMAN COMPANY P.A.					
ENGINEERING, SURVEYING, & PLANNING					
318-262-7371 • 315 ELLIS • WICHITA, KANSAS 67211					
PROJECT NUMBER					
858 PFS (507861)					
DESIGN	DRAWN	APPROVED	DATE	SCALE	SHEET
STAFF	STAFF			None	5
					6

f



W. Michael B. Conrey 10-22-91 Surveyor
Michael G. Conrey

Marvin Krout Secretary
Marvin S. Krout

Pat Burnett City Clerk
Pat Burnett

Brent W. Shelton County Clerk
for Susan E. Crockett-Spoon
Brent W. Shelton

Ed Resa Deputy
Ed Resa



KATHY G. WILLIAMS
 Deputy Public, State of Texas
 My Commission Expires Aug. 28, 2000

47 40 03 49