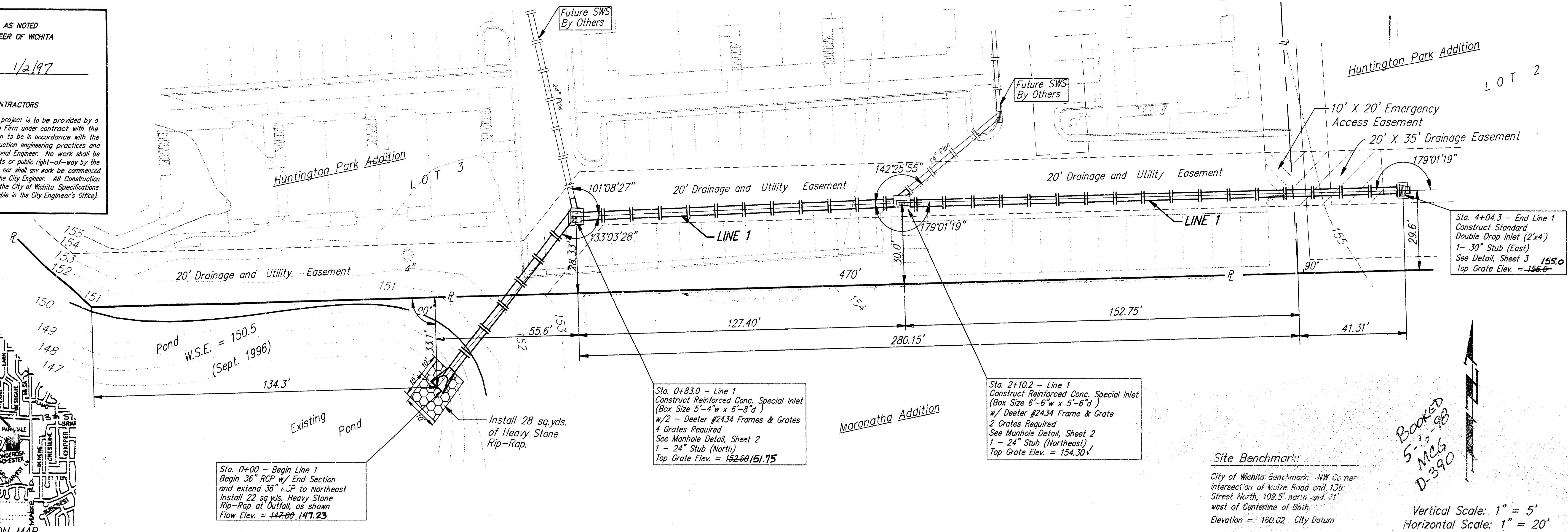
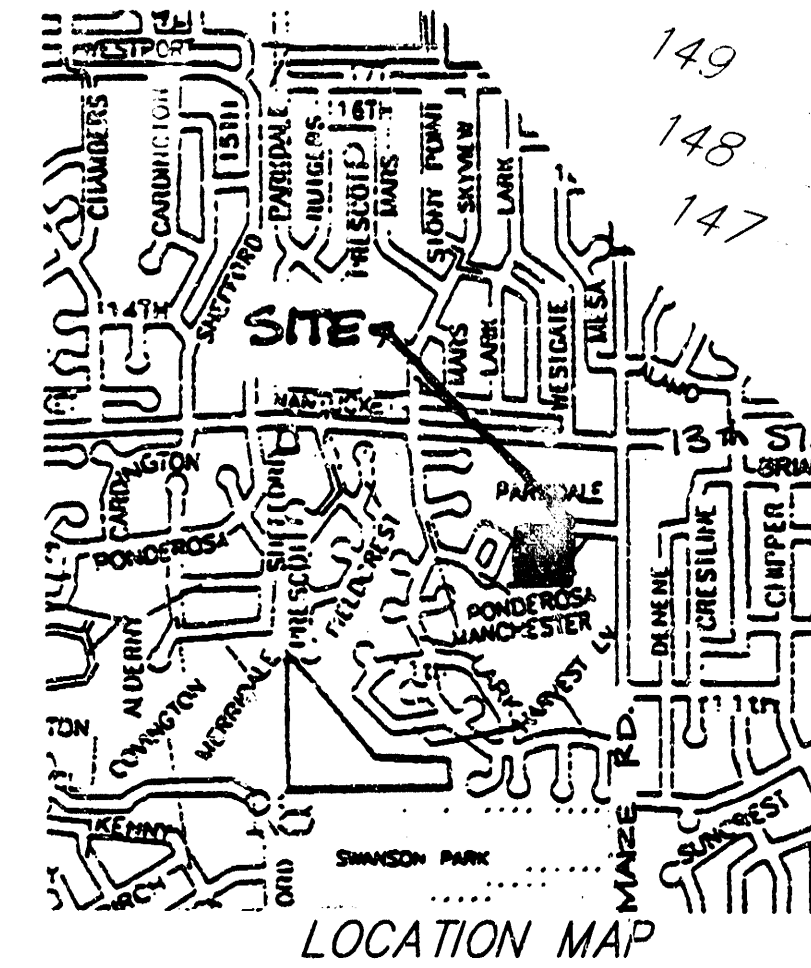


APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA

Storm Sewers VRH 1/2/97

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).

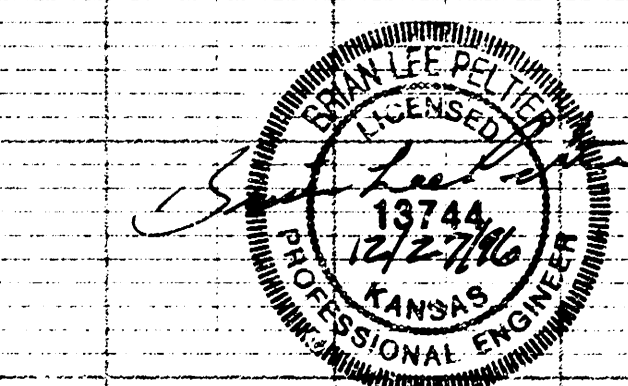
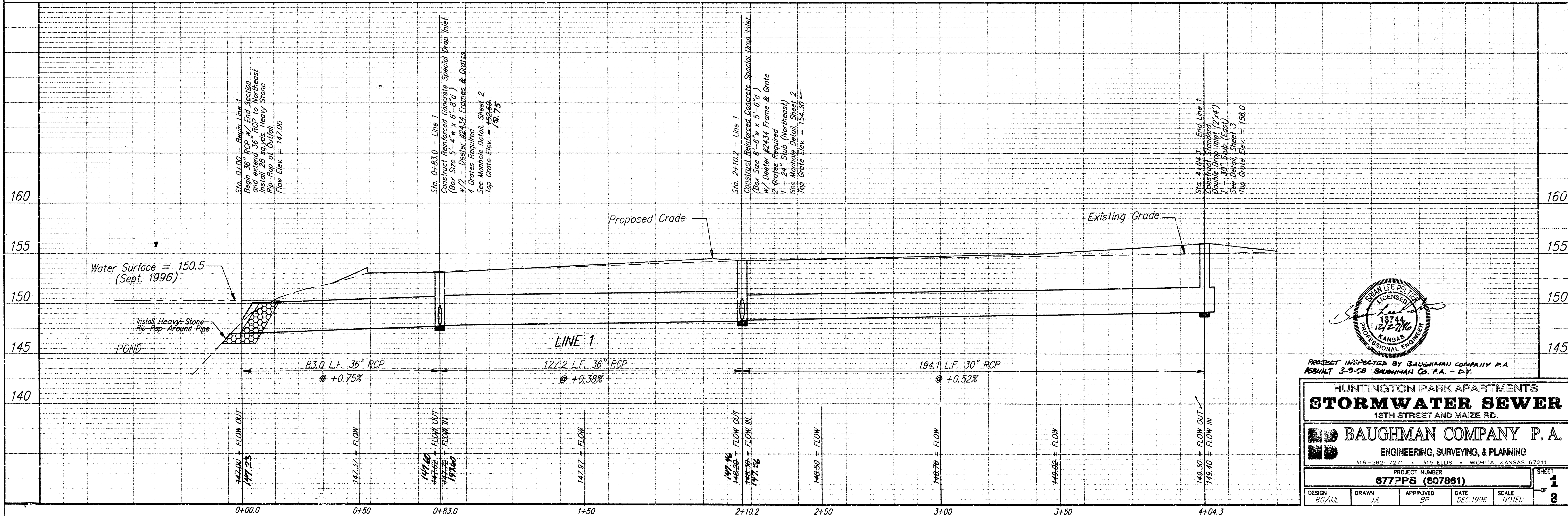


BOOKED
5-12-98
MCS
D-390

Site Benchmark:

City of Wichita Benchmark - NW Corner
Intersection of 13th Street and 10th Street, NW Corner
Street North, 100.5' north and 11'
west of Centerline of 13th
Elevation = 160.02 City Datum

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



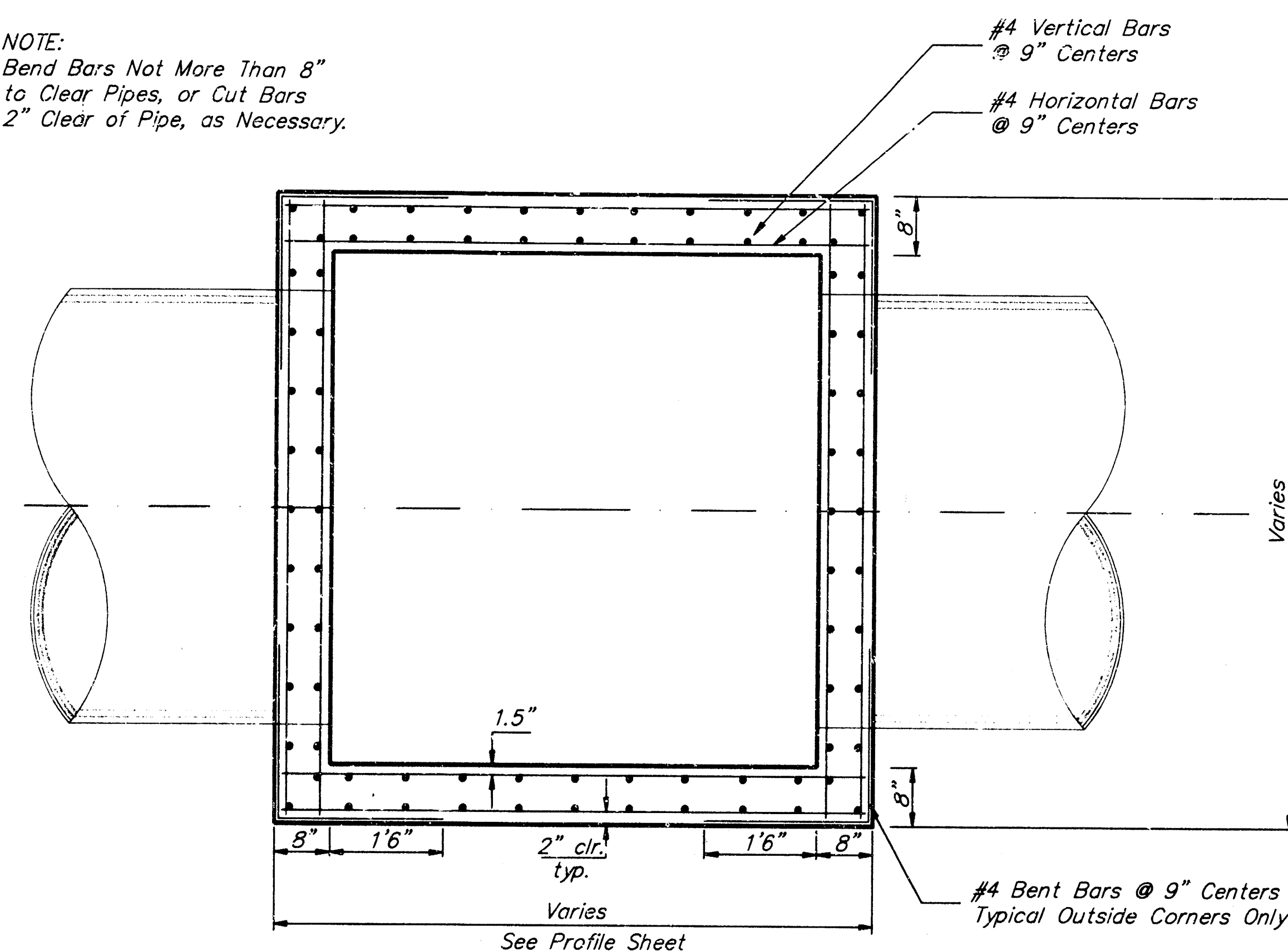
PROJECT INSPECTED BY BAUGHMAN COMPANY P.A.
RESULT 3-9-98 BAUGHMAN CO. P.A. - P.Y.

HUNTINGTON PARK APARTMENTS
STORMWATER SEWER

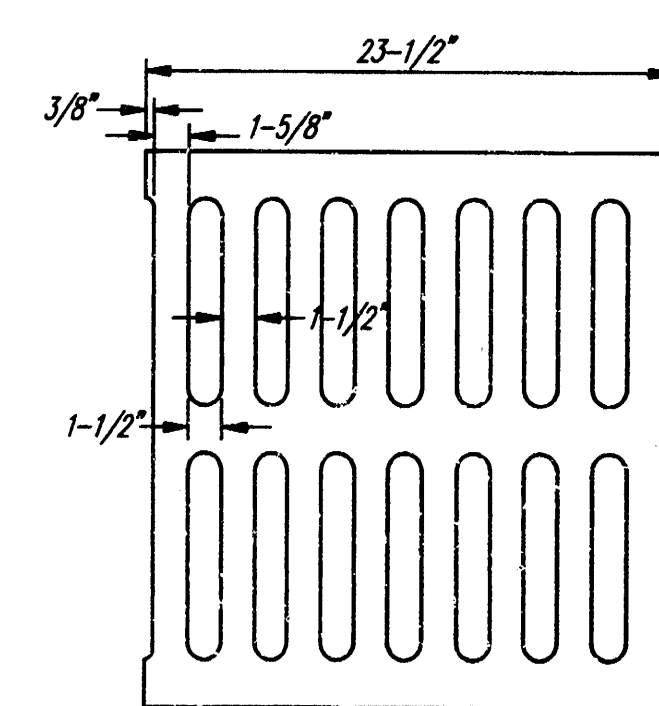
13TH STREET AND MAIZE RD.

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211
PROJECT NUMBER 677PPS (607861)
DESIGN BC/JUL DRAWN JUL APPROVED BP DATE DEC. 1996 SCALE NOTED
SHEET 1 OF 3

NOTE:
Bend Bars Not More Than 8"
to Clear Pipes, or Cut Bars
2" Clear of Pipe, as Necessary.

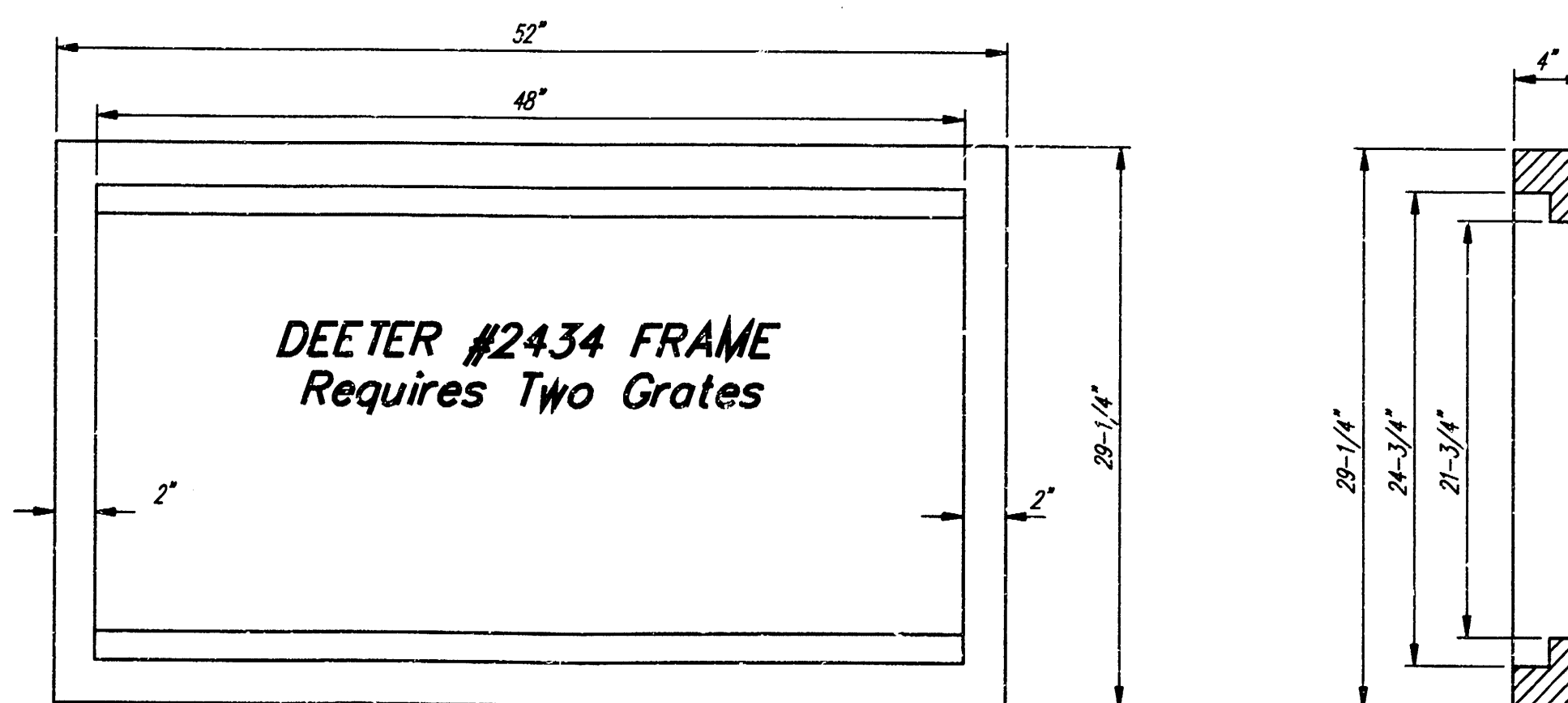


BOX SECTION B-B

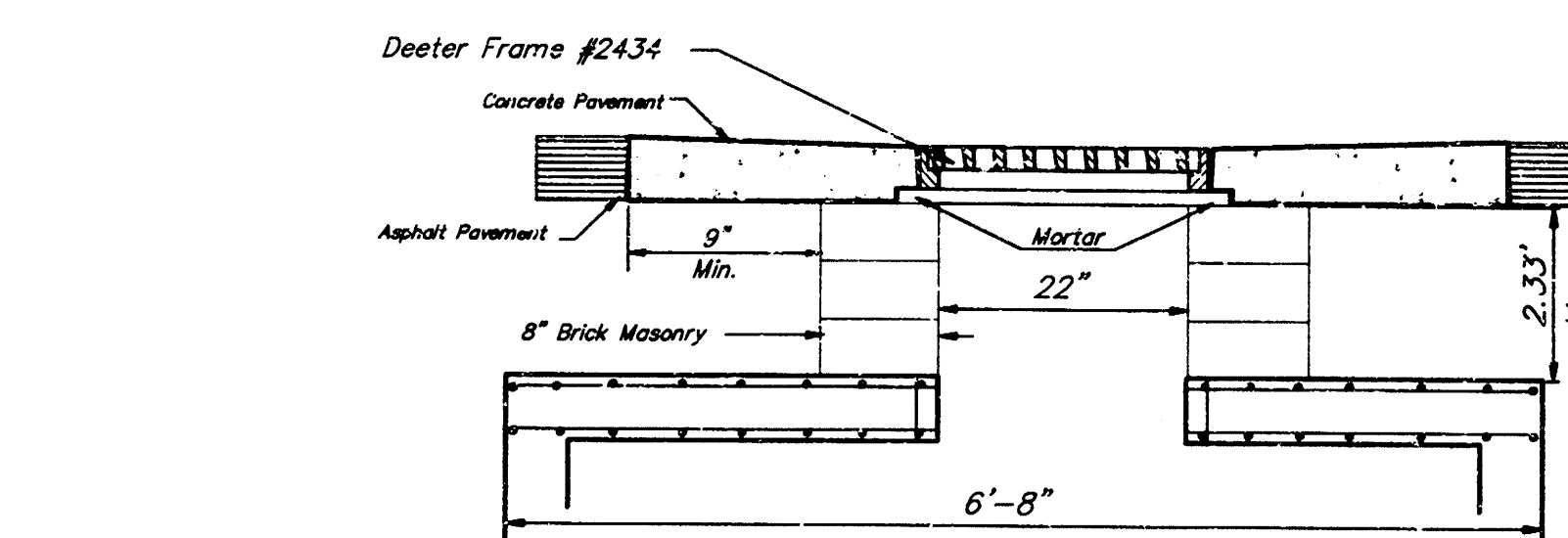


DEETER #2433 GRATE

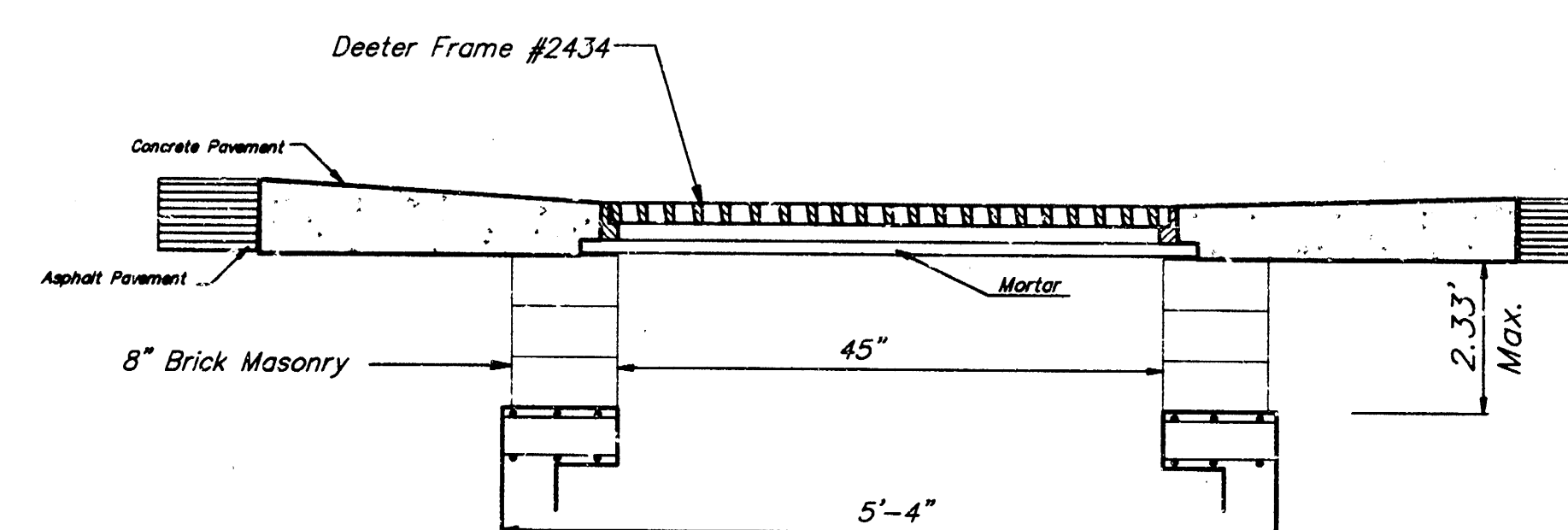
PLAN - 24" X 24" GRATE DETAIL



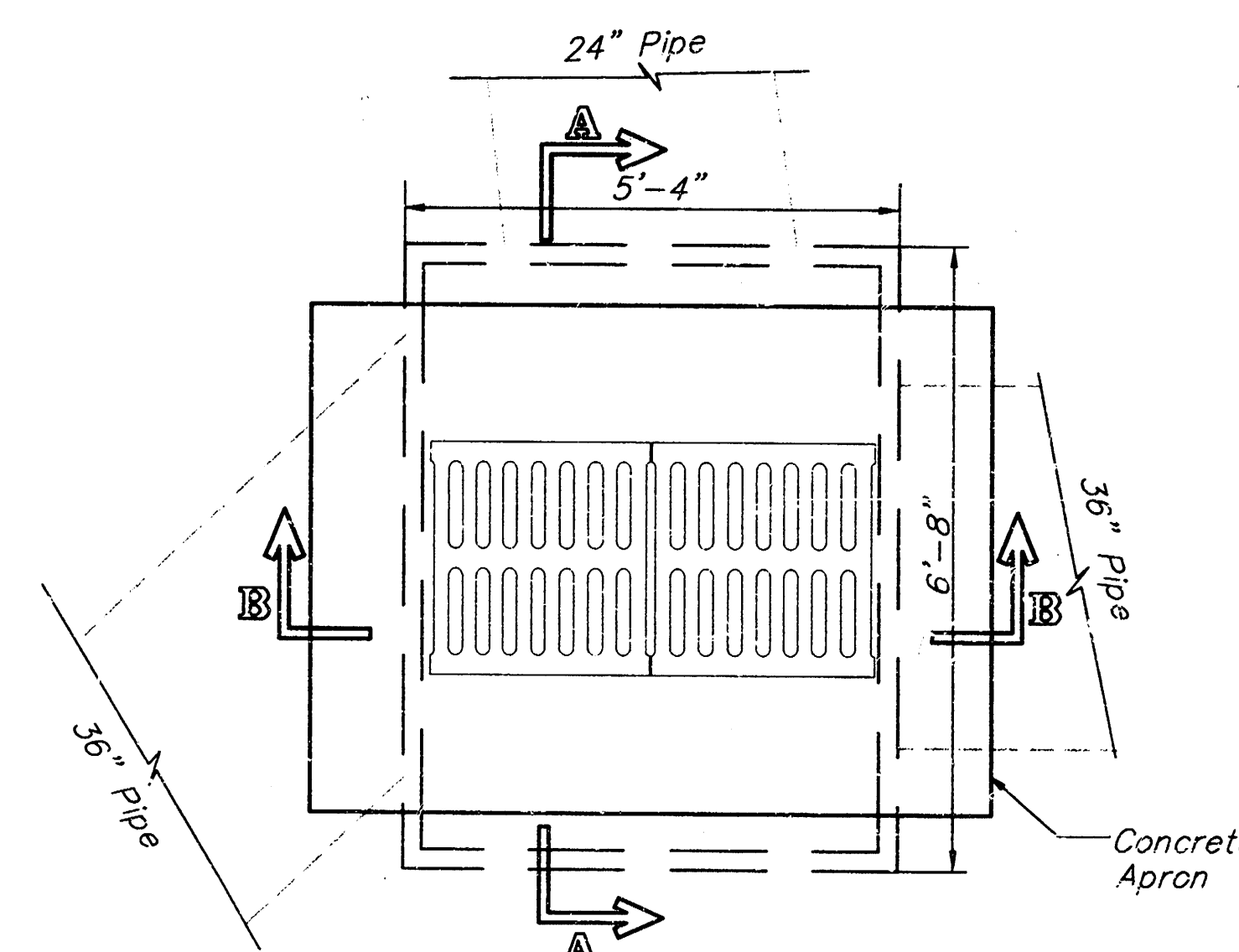
PLAN - DOUBLE 24" X 24" FRAME DETAIL



INLET BRICK STACK LESS THAN 2.33'
SECTION A-A
STATION 0+83.0



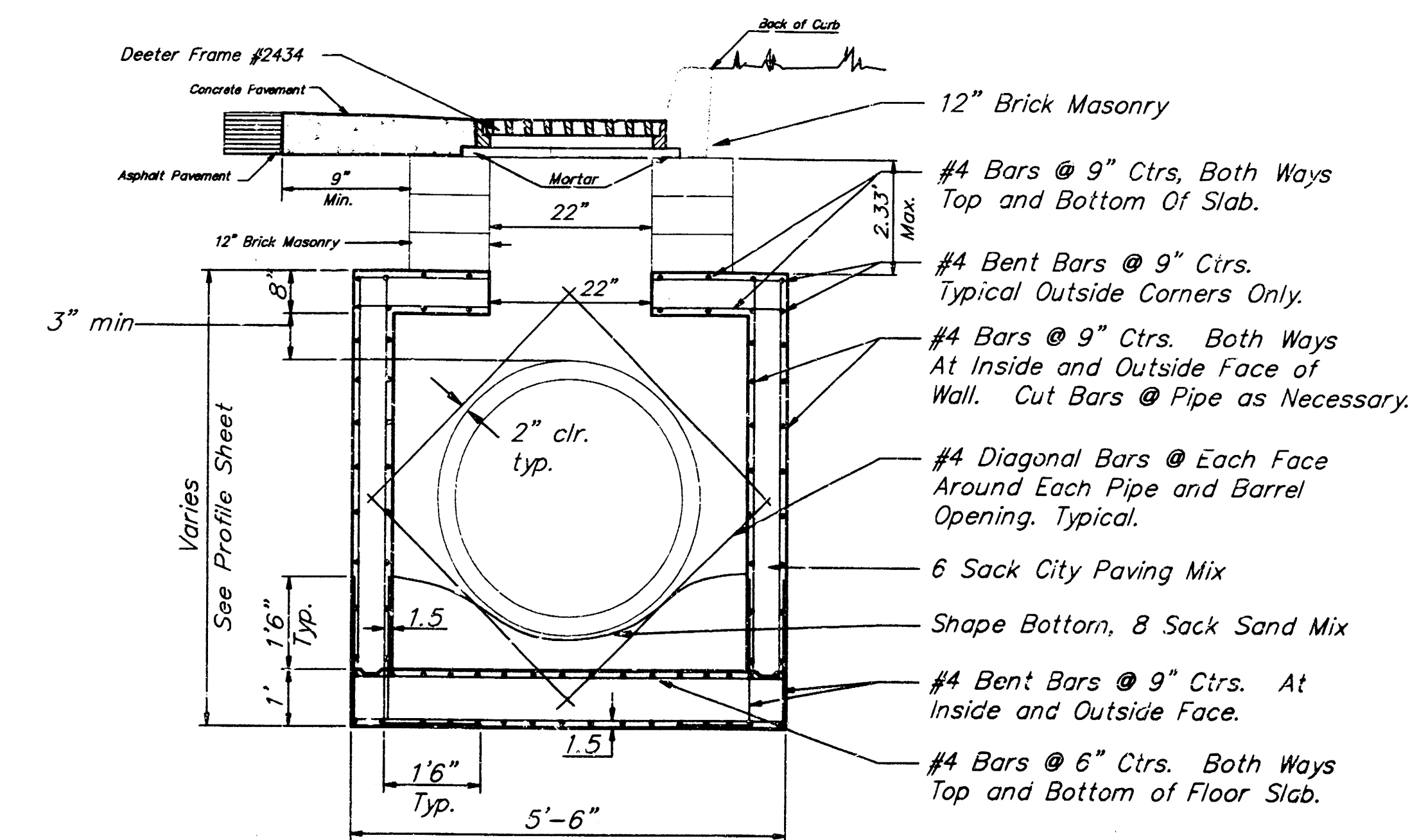
INLET BRICK STACK LESS THAN 2.33'
SECTION B-B
STATION 0+83.0



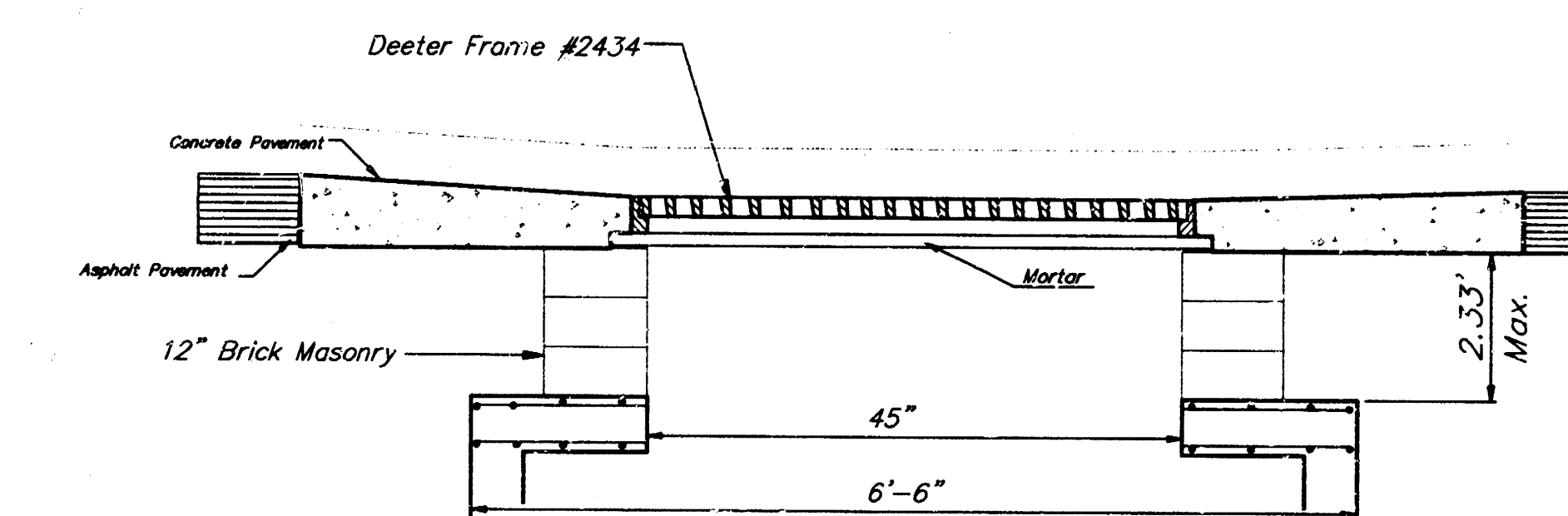
PLAN VIEW DROP INLET
STATION 0+83.0

GENERAL NOTES:

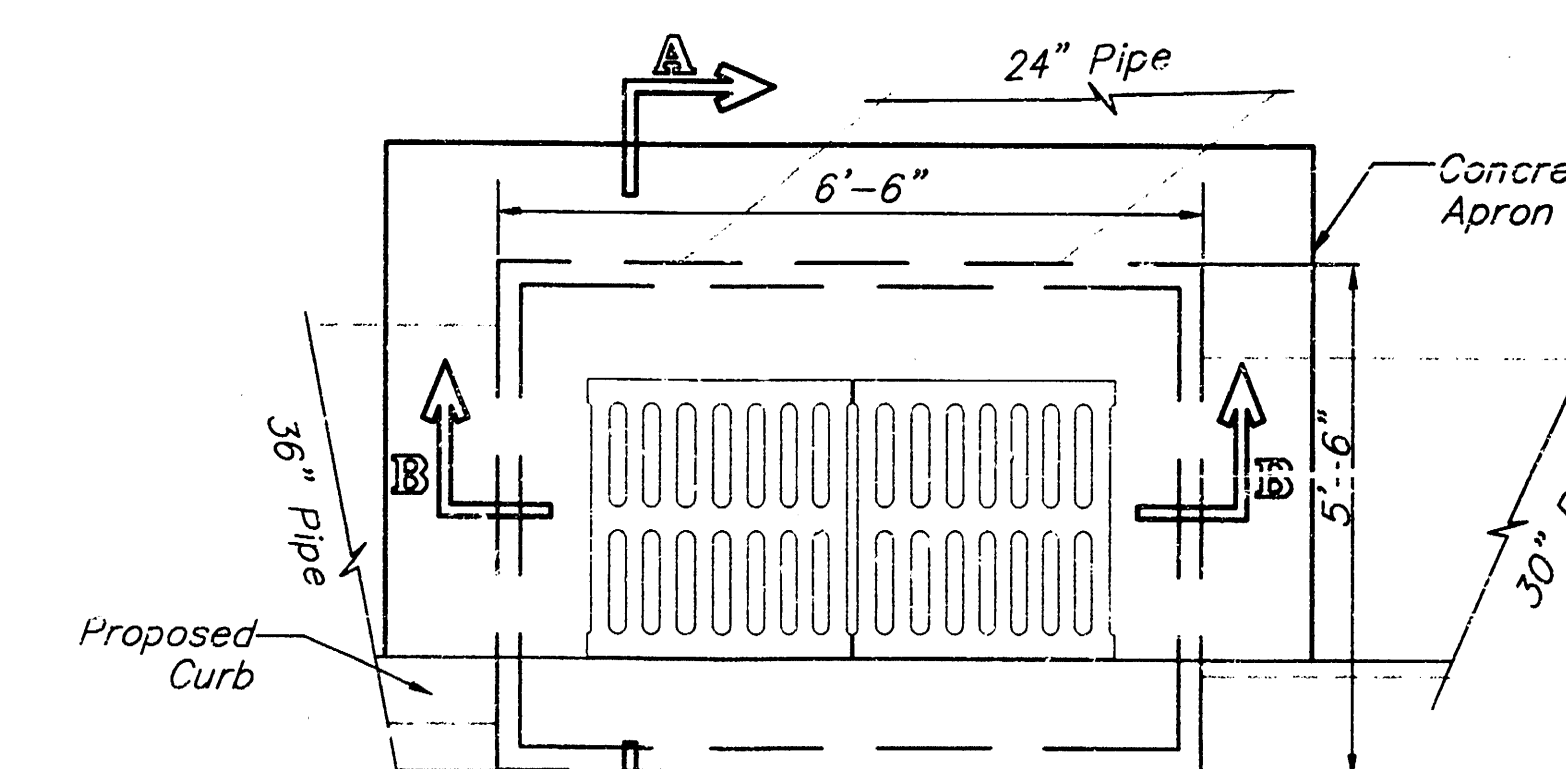
1. MORTAR USED IN MASONRY CONSTRUCTION SHALL CONTAIN 8 SACKS OF CEMENT PER CUBIC YARD. CONCRETE USED IN MANHOLE WALLS AND BASES SHALL CONFORM TO THE REQUIREMENTS FOR CONCRETE PAVEMENT CONSTRUCTION AS SPECIFIED IN THE CITY STANDARD PAVING SPECIFICATIONS, USING CITY CONCRETE PAVEMENT MIX WITHOUT AIR ENTRAINING ADMIXTURE. MORTAR SHALL BE PLACED AROUND THE MANHOLE RING AS SHOWN ON THE DRAWINGS WHEN MANHOLES ARE CONSTRUCTED IN UNPAVED AREAS. COMPLETED MANHOLE SHALL BE WITHOUT LEAKS AND WATER TIGHT.
2. THE FLOORS OF ALL MANHOLES SHALL BE SHAPED WITH FLOW CHANNELS SUCH THAT THE MANHOLES WILL BE SELF CLEANING. USING 8-SACK SAND MIX CONCRETE. FLOW CHANNELS SHALL BE FORMED TO MATCH THE BOTTOM HALVES OF THE INFLOWING PIPES AND THE OUTFLOWING PIPE. MANHOLE FLOORS SHALL HAVE SLOPES OF 3 INCHES PER FOOT IN THE AREAS OUTSIDE OF THE FLOW CHANNELS SLOPED TOWARD THE FLOW CHANNELS.
3. 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.
4. THE ENDS OF ALL PIPES IN MANHOLES SHALL BE CUT OFF FLUSH WITH THE INSIDE FACE OF MANHOLE WALL.



REINFORCED CONCRETE SPECIAL DROP INLET
SECTION A-A
STATION 2+10.2

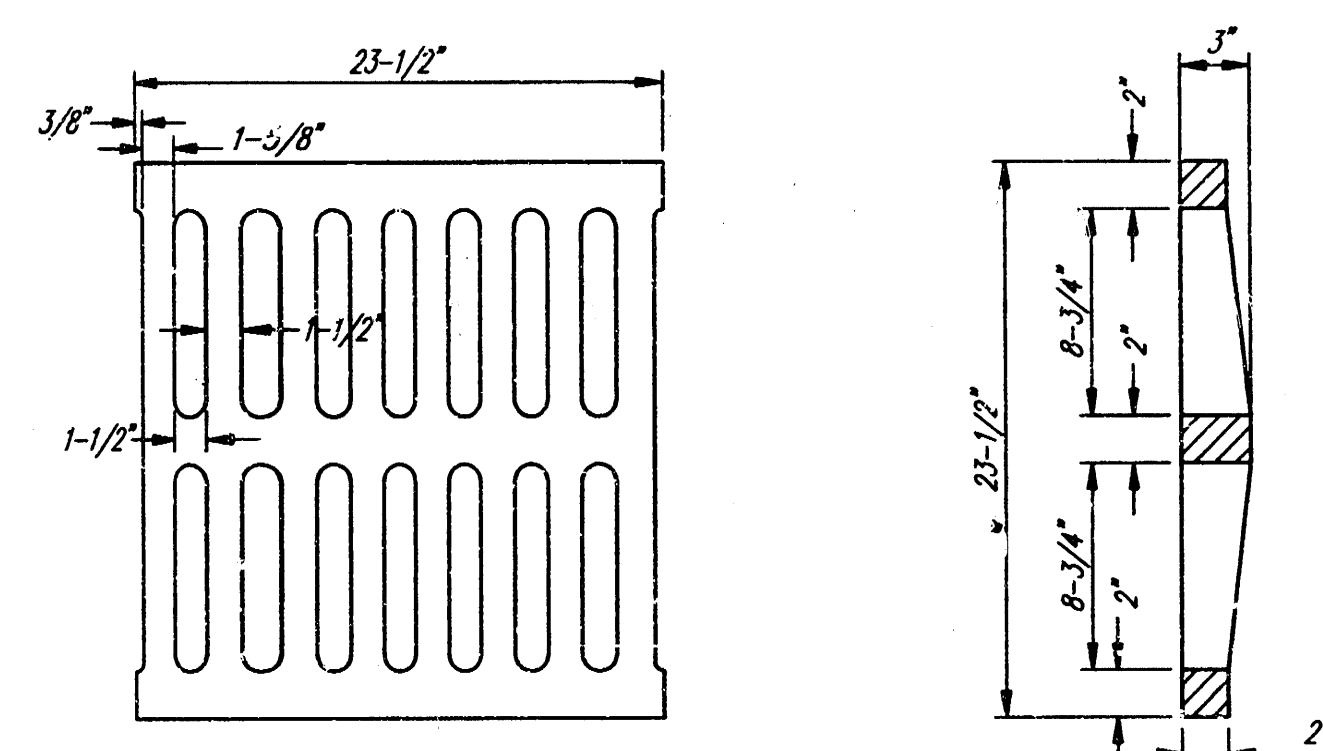
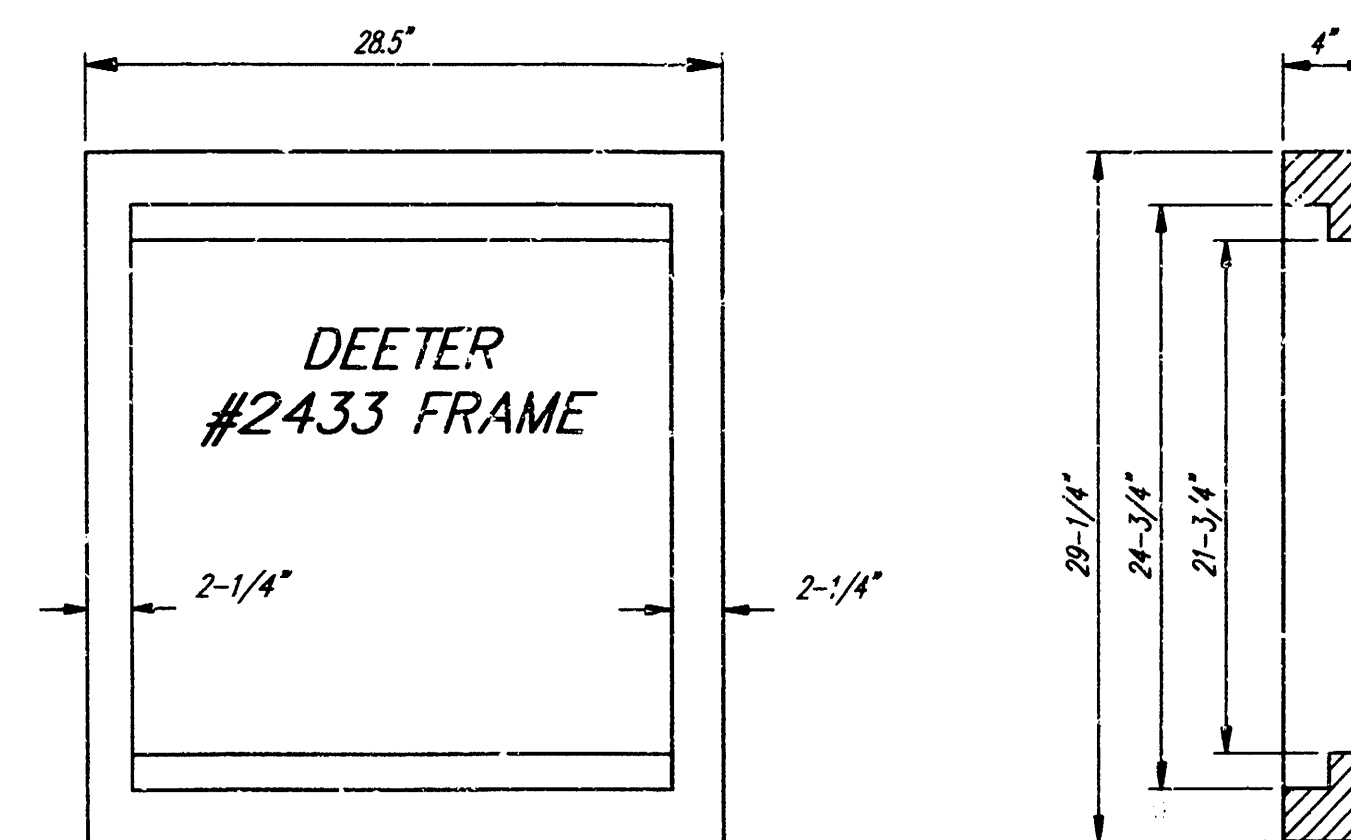


INLET BRICK STACK LESS THAN 2.33'
SECTION B-B
STATION 2+10.2



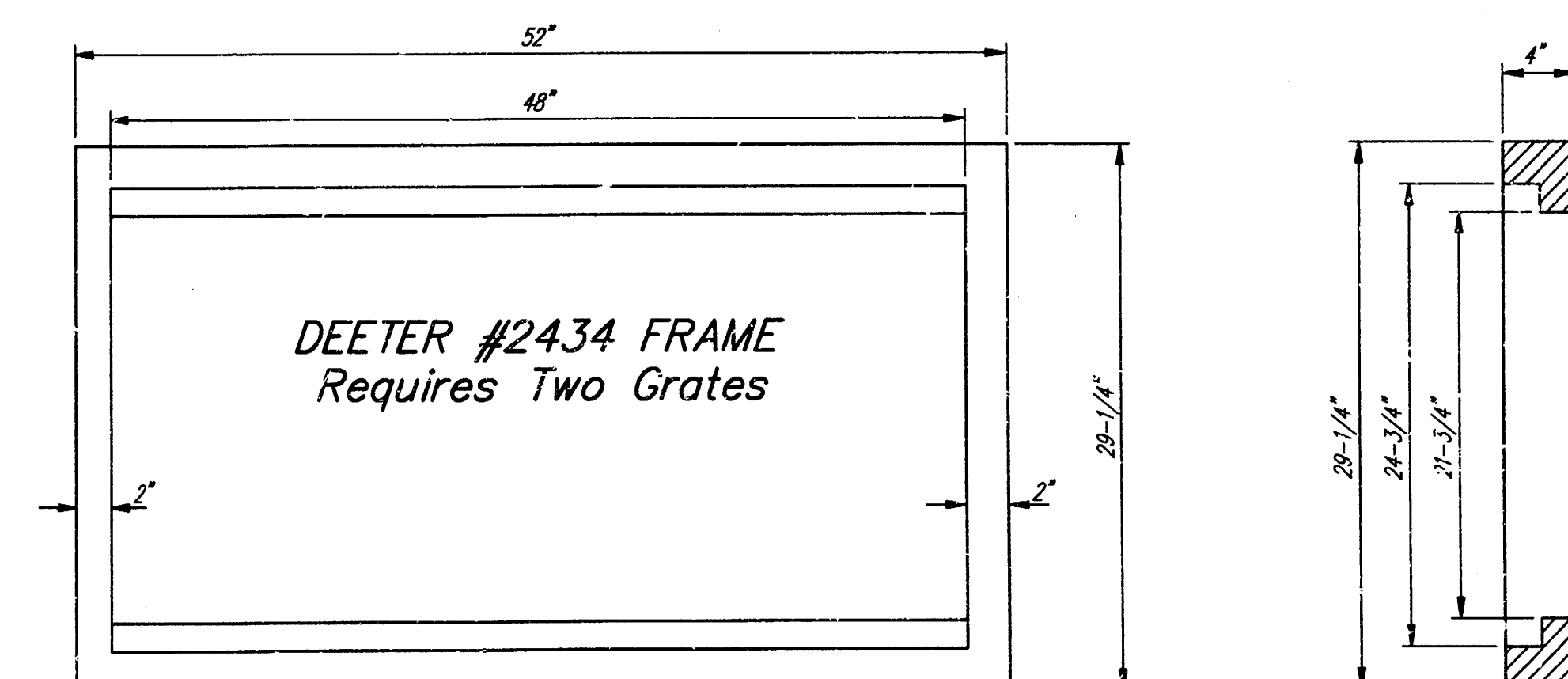
PLAN VIEW DROP INLET
STATION 2+10.2

REINFORCED CONCRETE SPECIAL INLET					
STORMWATER SEWER					
HUNTINGTON PLACE 5TH ADDITION					
BAUGHMAN COMPANY P.A.					
ENGINEERING, SURVEYING, & F. LANNING					
316-262-7271 • 316-262-7272 • WICHITA, KANSAS 67211					
PROJECT NUMBER					
877PFS (897881)					
DESIGN	DRAWN	APPROVED	DATE	SCALE	SHEET
JUL/DV/JB	JUL	BP	DEC. 1996		2 OF 3



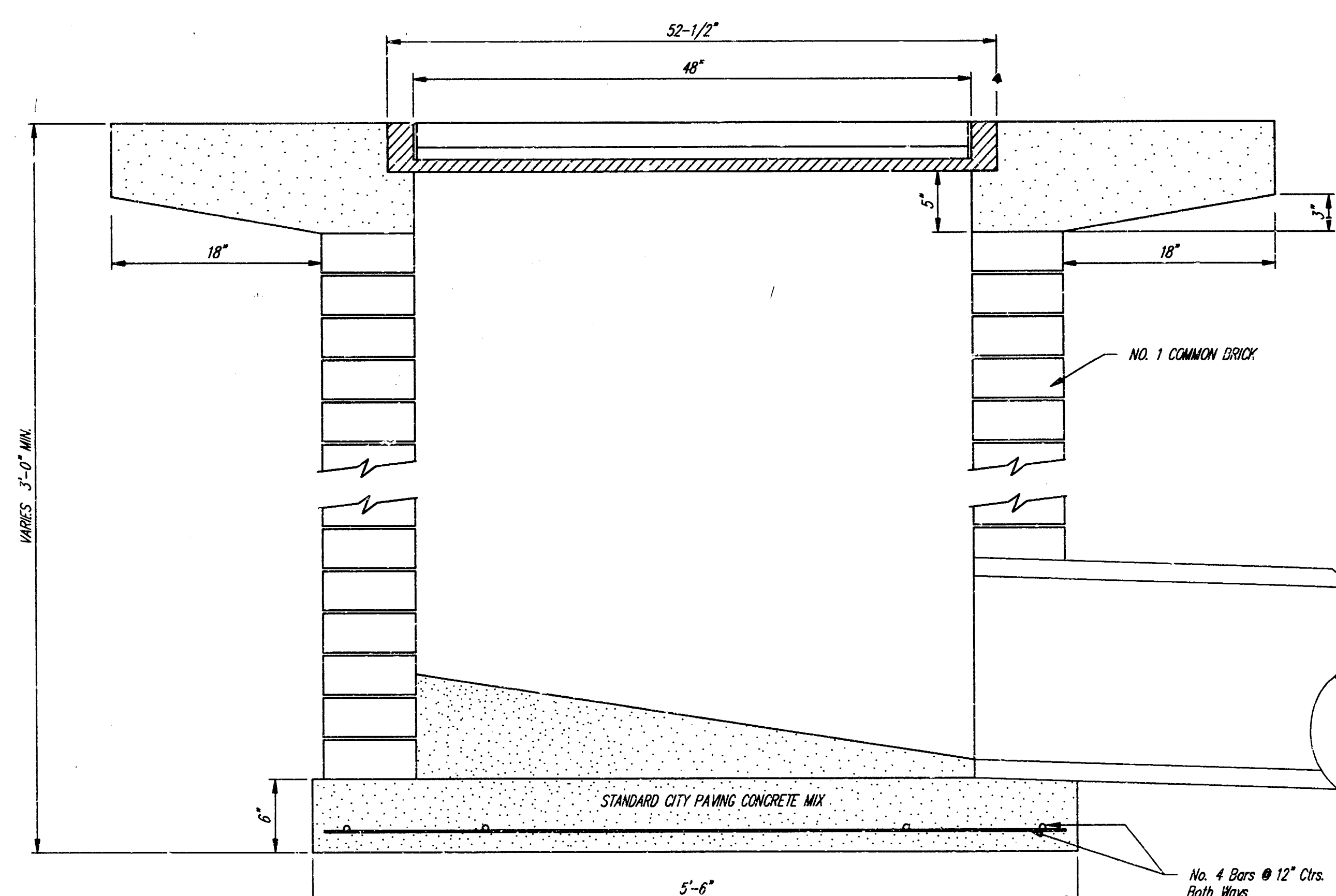
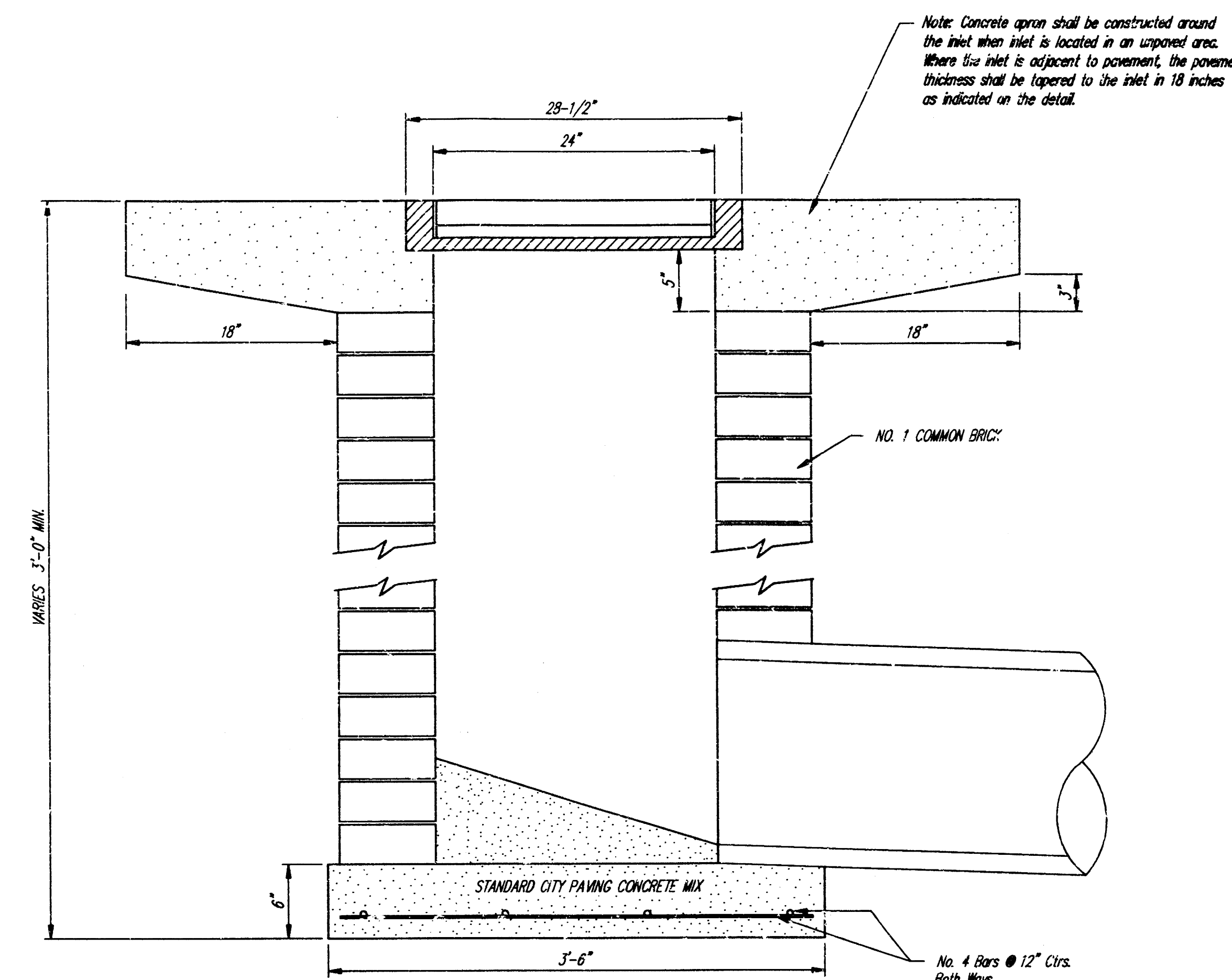
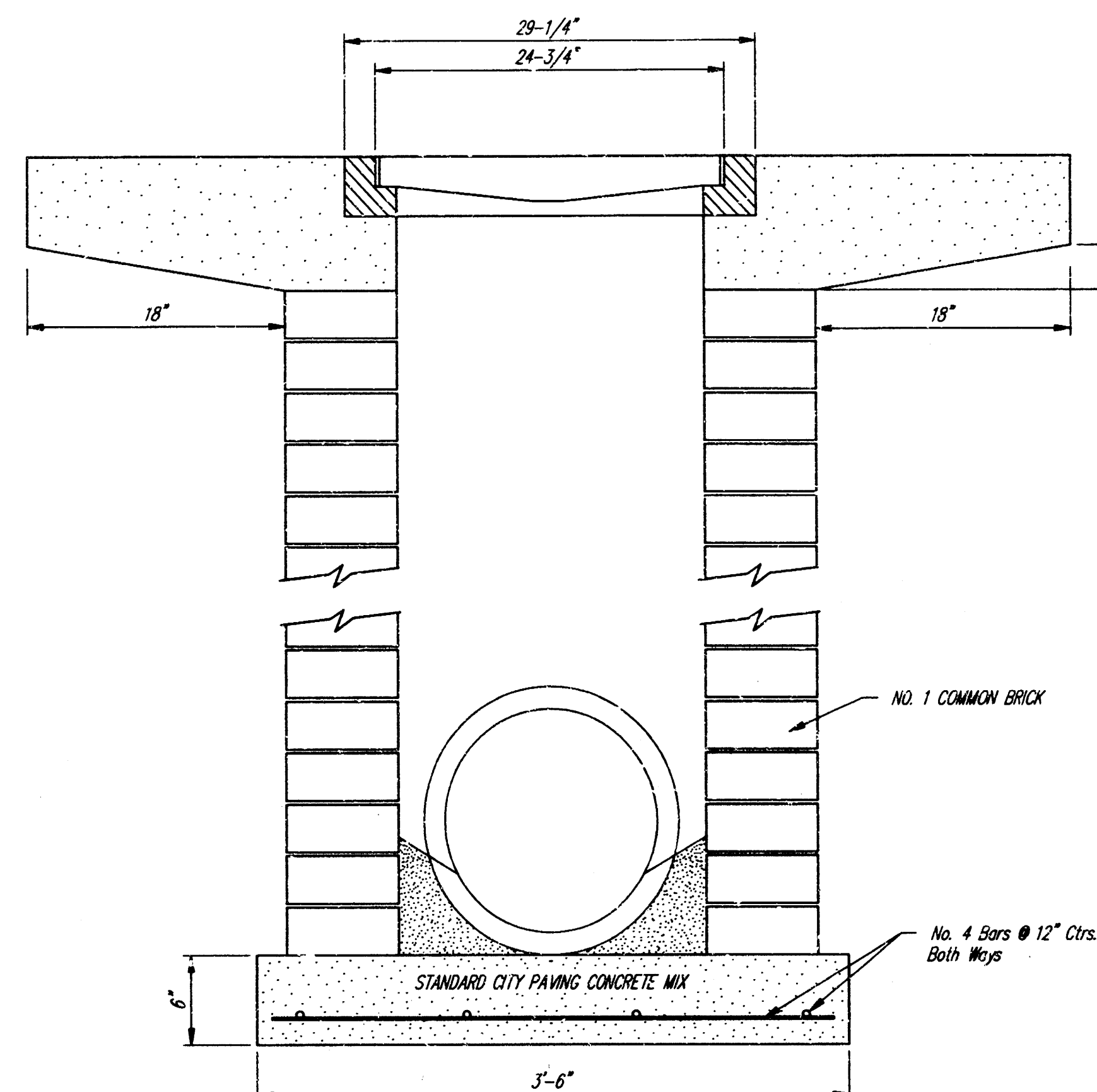
DEETER #2433 GRATE

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.



CITY OF WICHITA STANDARD			
DROP INLET			
HUNTINGTON PLACE 5TH ADDITION			
BAUGHMAN COMPANY P. A.			
ENGINEERING, SURVEYING, & PLANNING			
315-222-7271 • 315 ELLIS • WICHITA, KANSAS 67211			
PROJECT NUMBER 877PPS (607861)			SHEET 3
DESIGN	DRAWN	APPROVED	DATE
			SCALE
			1/4" = 1'-0"