

GENERAL NOTES

1. All work on this project shall conform to the Standard Specifications for Storm Sewer Construction of the City of Wichita.
2. Locating dimensions are to center of in new inlet.
3. All areas within public right-of-way which may be disturbed by Contractor's operations shall be restored in accordance with City of Wichita Administrative Regulation AR-78.
4. The Contractor shall notify Kansas One-Call (687-2470) a minimum of 24 hours prior to any excavation.
5. Traffic on right-turn lane from West St. to Kellogg to be maintained at all times.

RUNOFF CALCULATIONS

By Rational Formula: $Q = CIA$
 Impervious Area = 44,551 S.F.
 Pervious Area = 46,633 S.F.
 D.A. (to Storm Sewer) = 1.07 ac.
 $C_{impervious} = 0.95$
 $C_{pervious} = 0.65$
 $C_{weighted} = 0.92$
 Assume time of concentration = 10 min.
 $I_p = 5.34 \text{ in./hr.}$ $I_{100} = 8.54 \text{ in./hr.}$
 $Q_p = 5.3 \text{ cfs}$ $Q_{100} = 8.4 \text{ cfs}$

STATION 0+00 - CONNECT TO EXISTING CURB INLET TOP ELEV. 115.22

SAW & REMOVE A.C. SURFACE WITHIN R/W

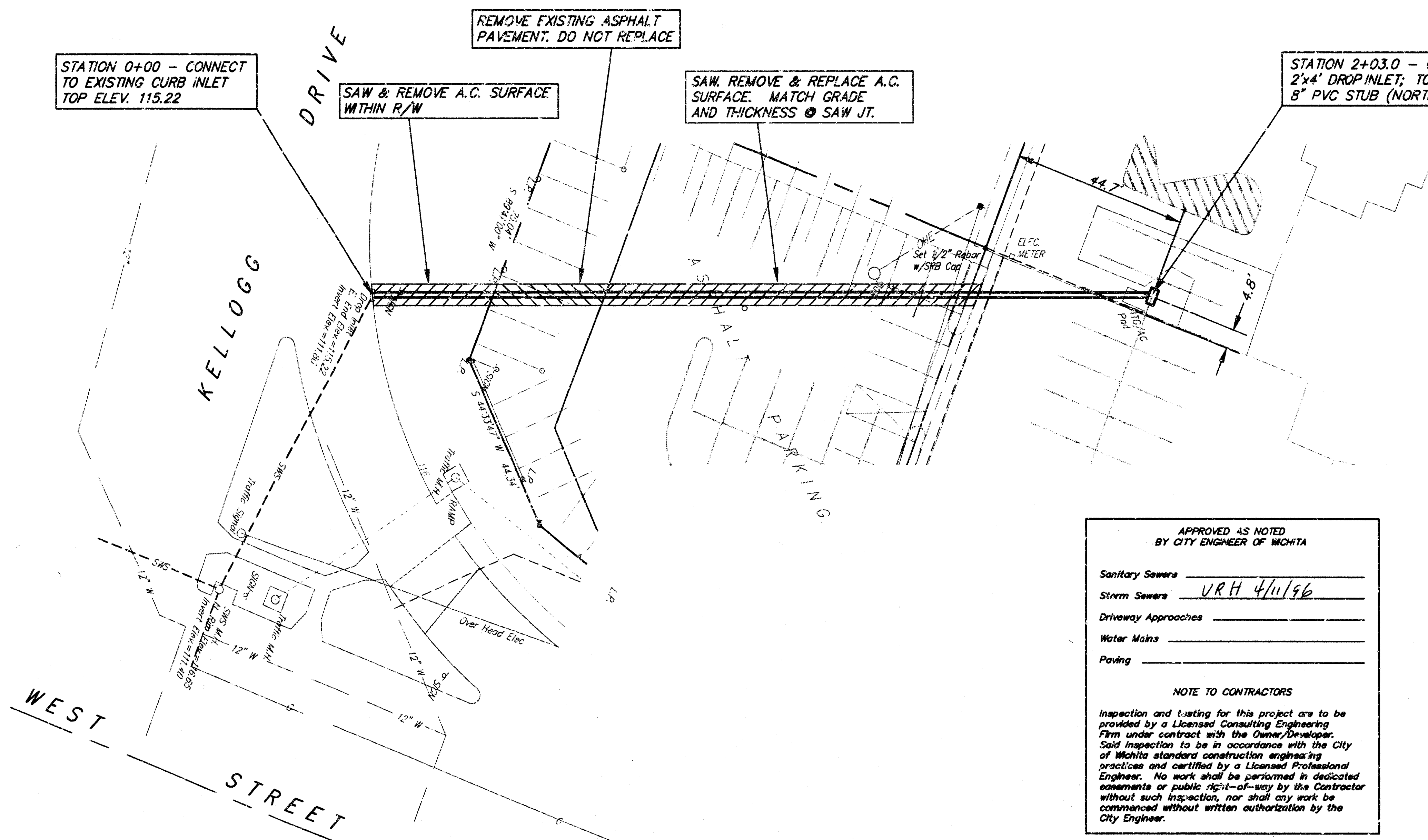
REMOVE EXISTING ASPHALT PAVEMENT. DO NOT REPLACE

SAW, REMOVE & REPLACE A.C. SURFACE. MATCH GRADE AND THICKNESS @ SAW JT.

STATION 2+03.0 - CONSTRUCT 2'x4' DROP INLET; TOP ELEV. = 116.00 8" PVC STUB (NORTH)

SCALE:
1"=20' PLAN
1"=5' PROFILE (V)

BENCH MARK
CITY OF WICHITA B.M.
E. SIDE OF R.R. CROSSING SIGNAL BASE
46.8' W. & 111.9' S. OF INTERSECTION
OF CENTERLINES OF WEST STREET & KELLOGG
ELEV. = 119.12 (CITY OF WICHITA, DATUM)
ELEV. = 1306.52 (N.G.V.D.)

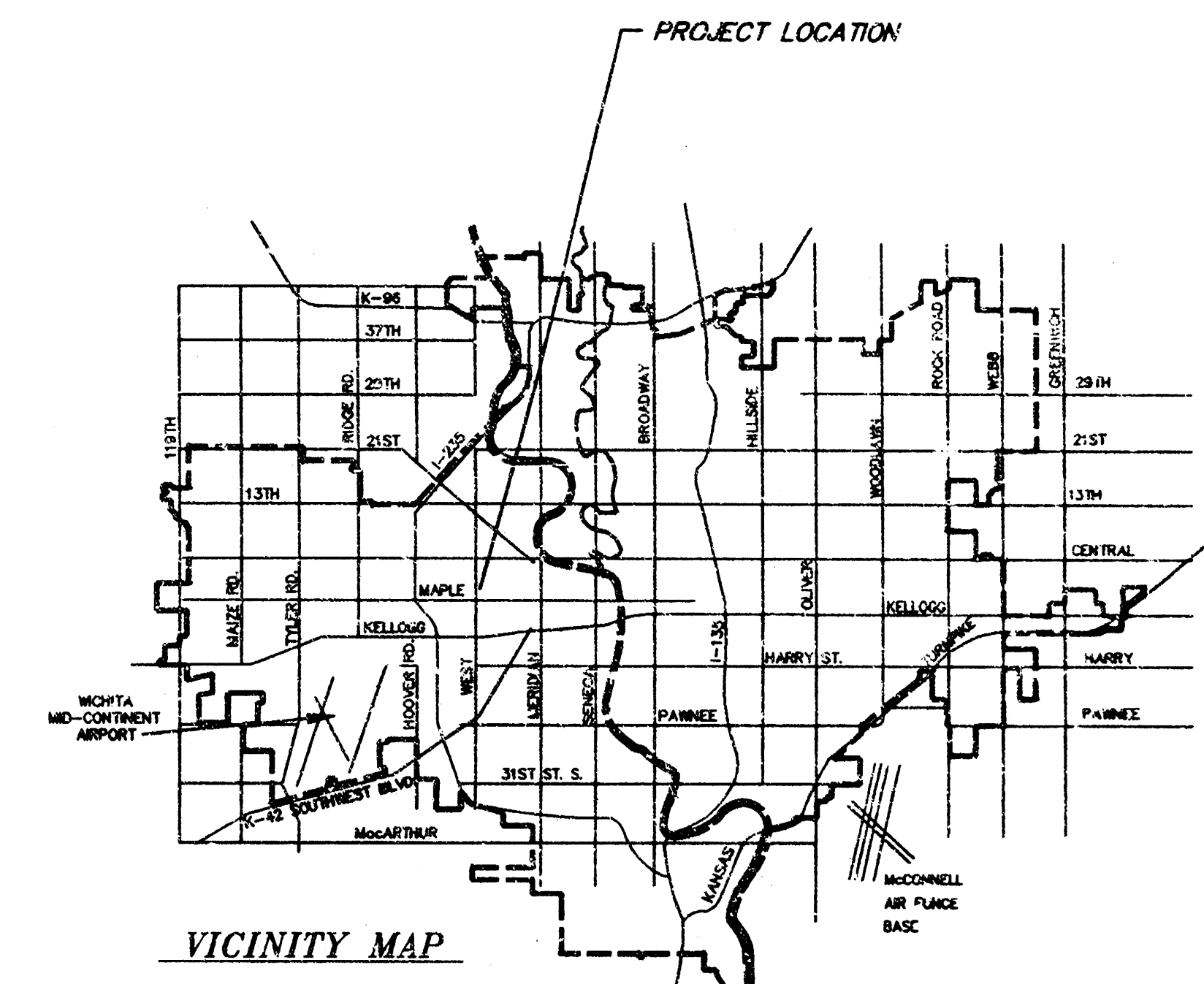


APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA

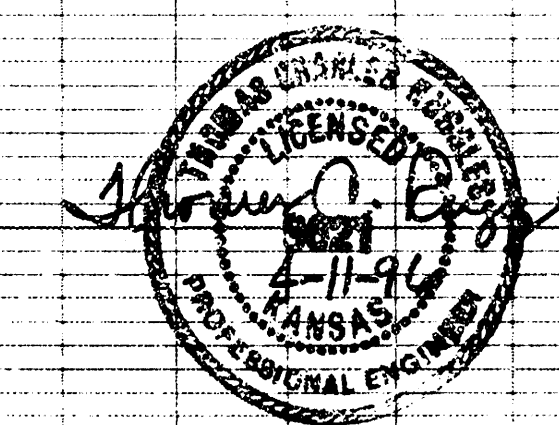
Sanitary Sewers _____
 Storm Sewers VRH 4/11/96
 Driveway Approaches _____
 Water Mains _____
 Paving _____

NOTE TO CONTRACTORS

Inspection and testing for this project are 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 standards 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.



VICINITY MAP



BOOKED
4-10-97
RMS
D-333

REVISED 4-10-96 JCR

AS BUILT 6-26-96

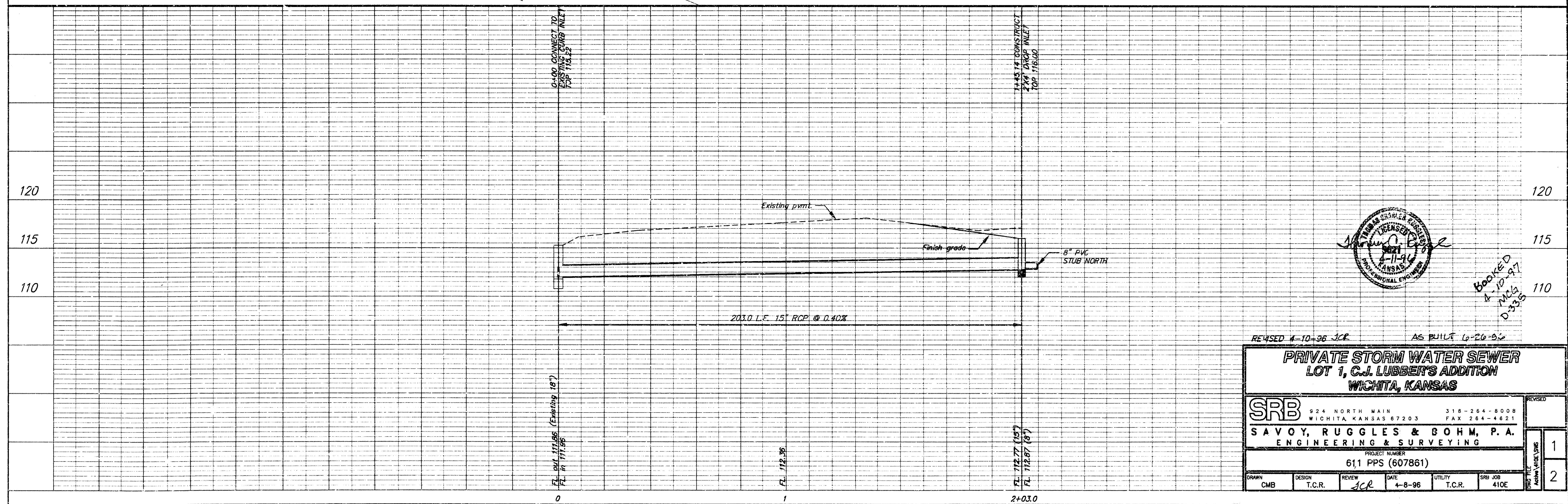
PRIVATE STORM WATER SEWER
LOT 1, C.J. LUBBER'S ADDITION
WICHITA, KANSAS

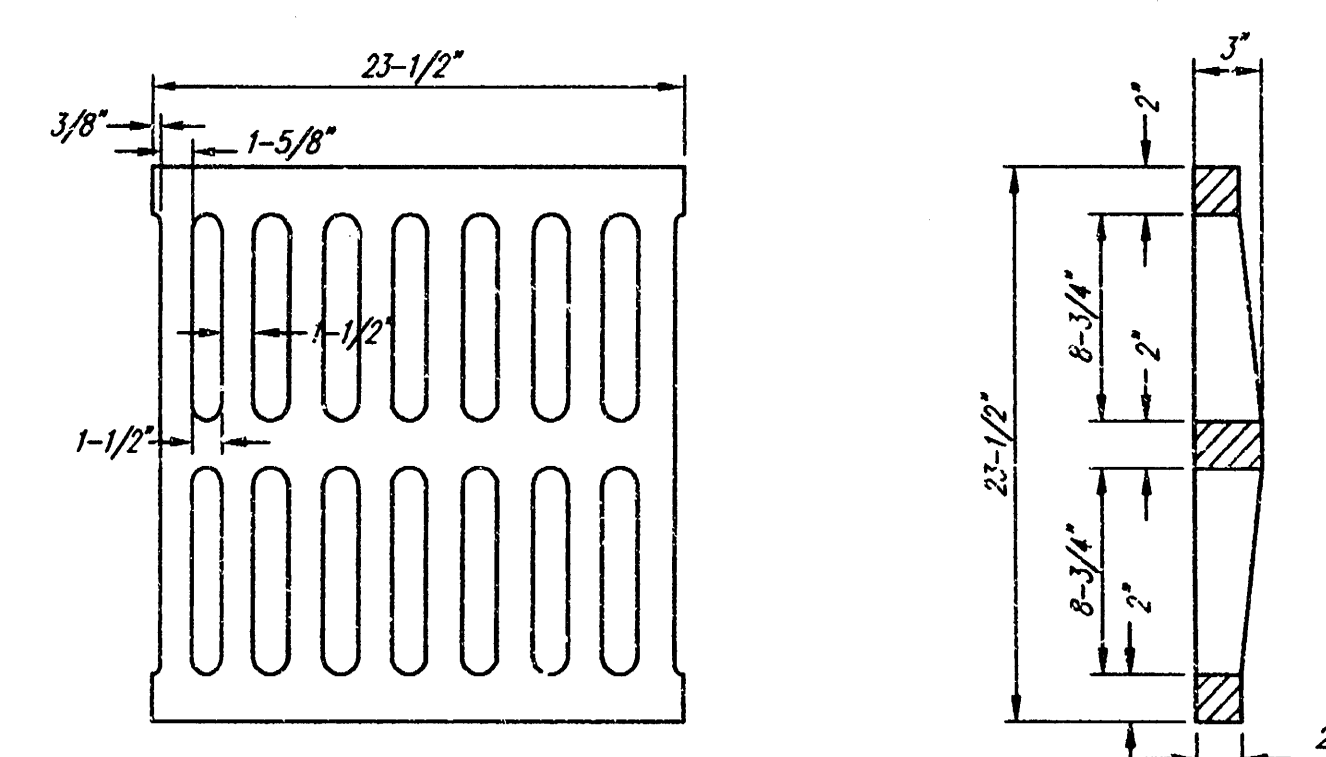
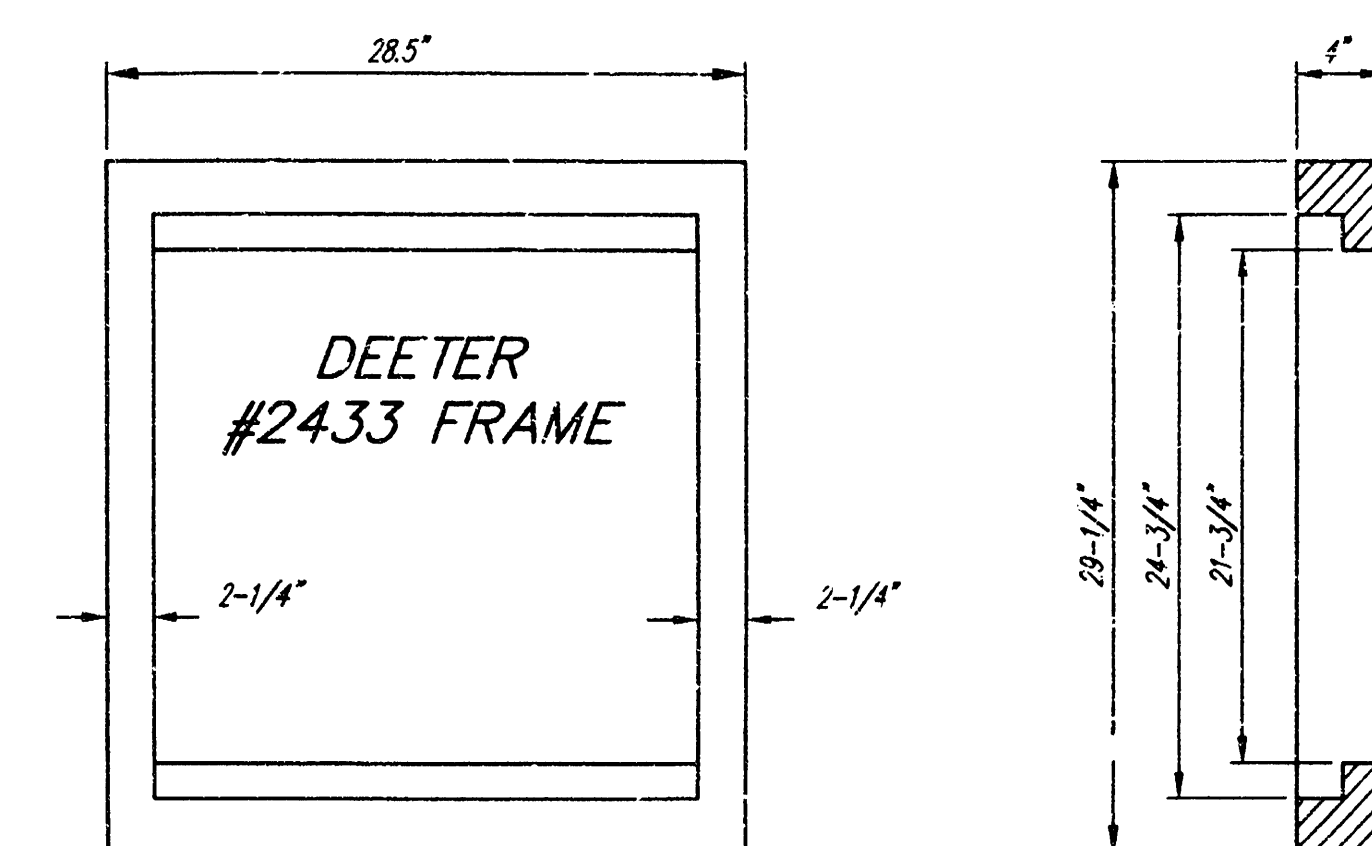
SRB 924 NORTH MAIN 316-264-8008
WICHITA, KANSAS 67203 FAX 264-4621
SAVOY, RUGGLES & BOHM, P.A.
ENGINEERING & SURVEYING

PROJECT NUMBER
611 PPS (607861)

DRAWN	DESIGN	REVIEW	DATE	UTILITY	SRB JOB
CMB	T.C.R.	JCR	4-8-96	T.C.R.	410E

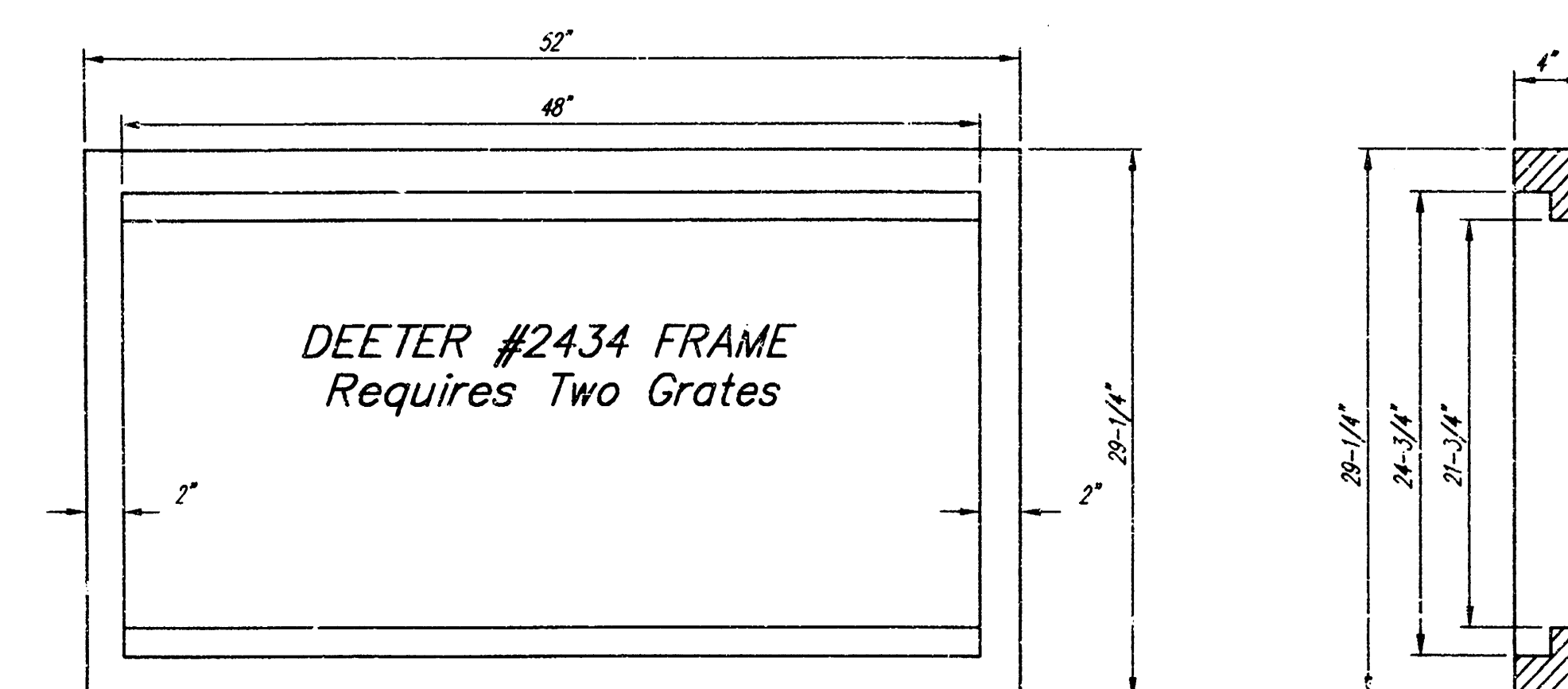
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2



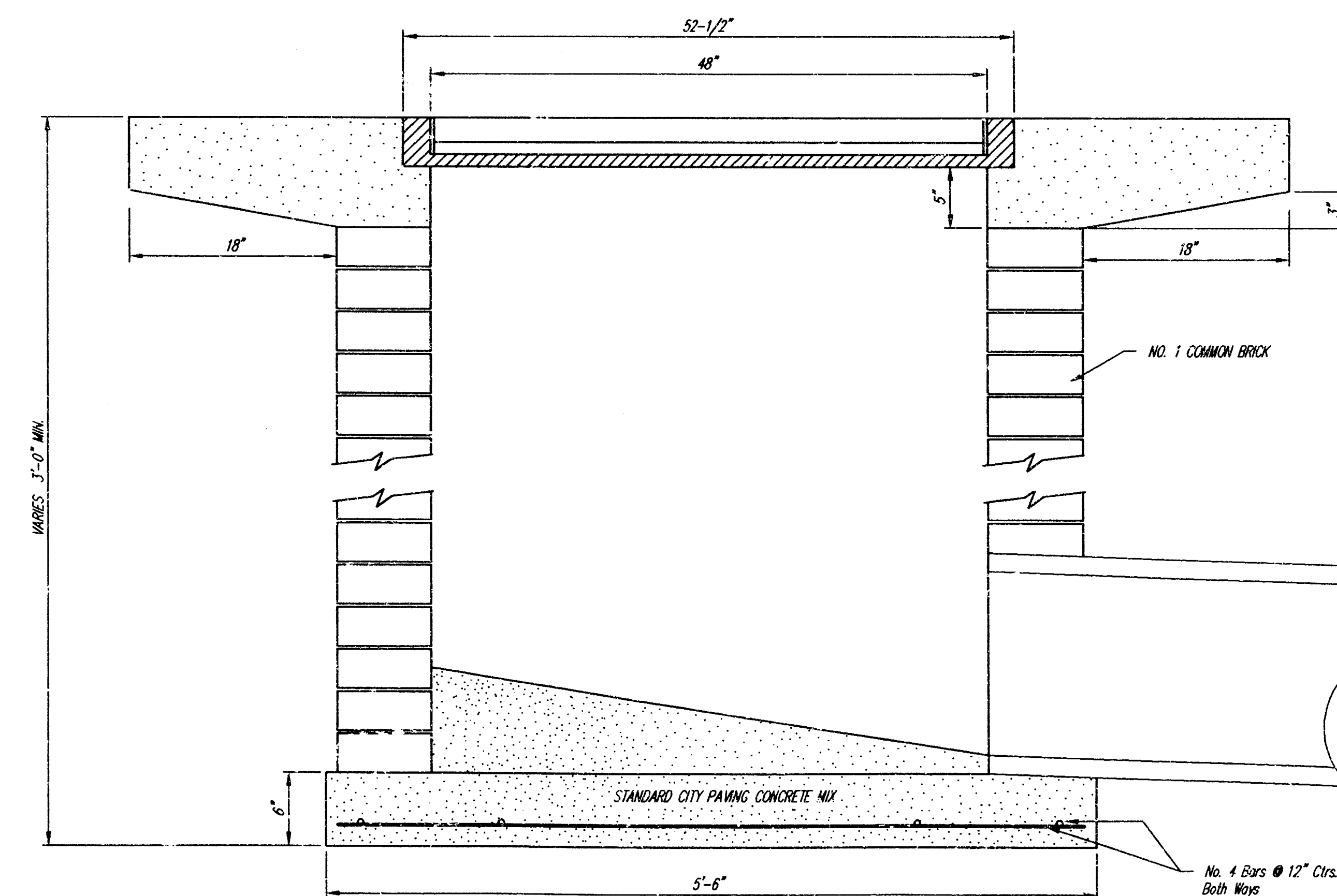
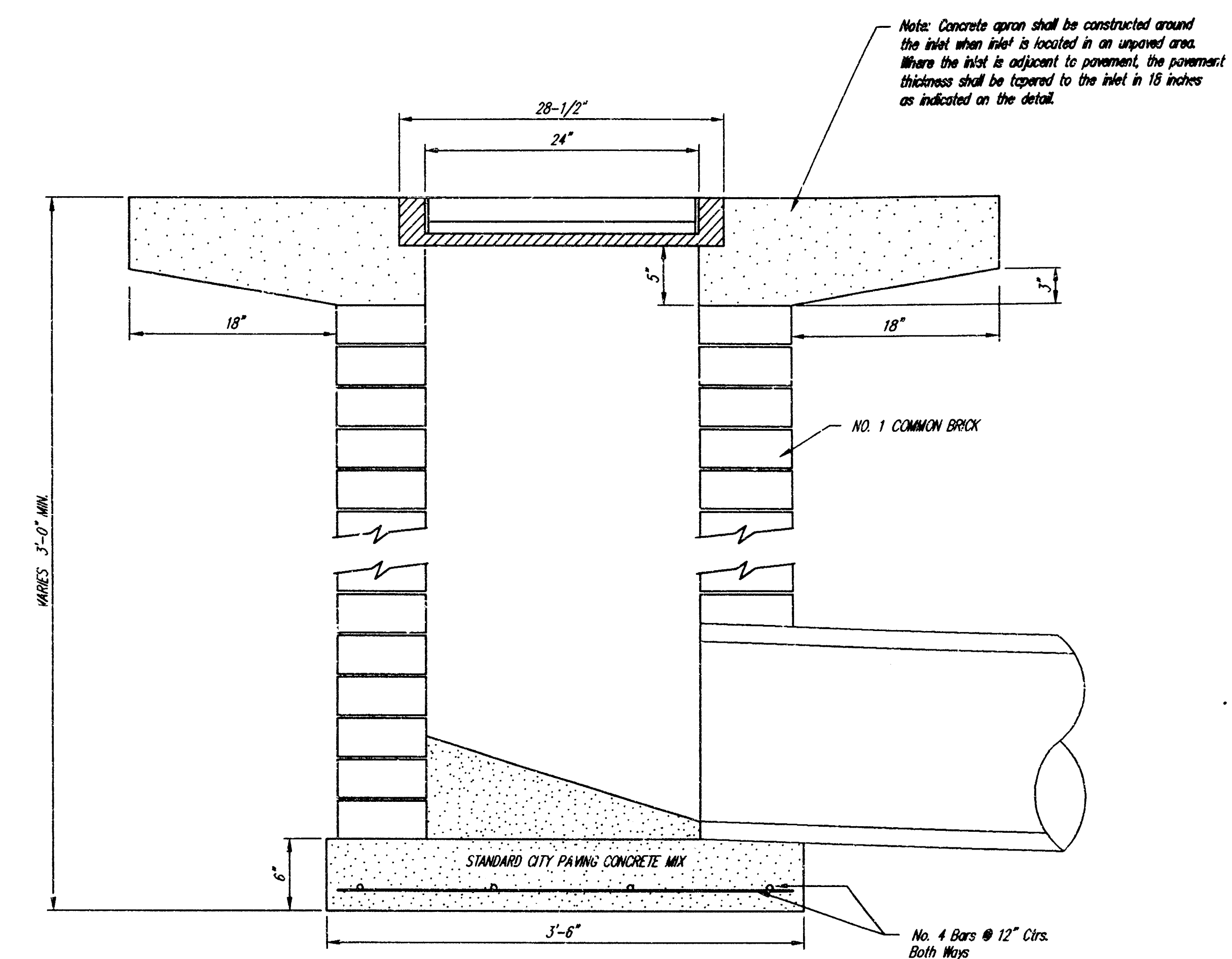
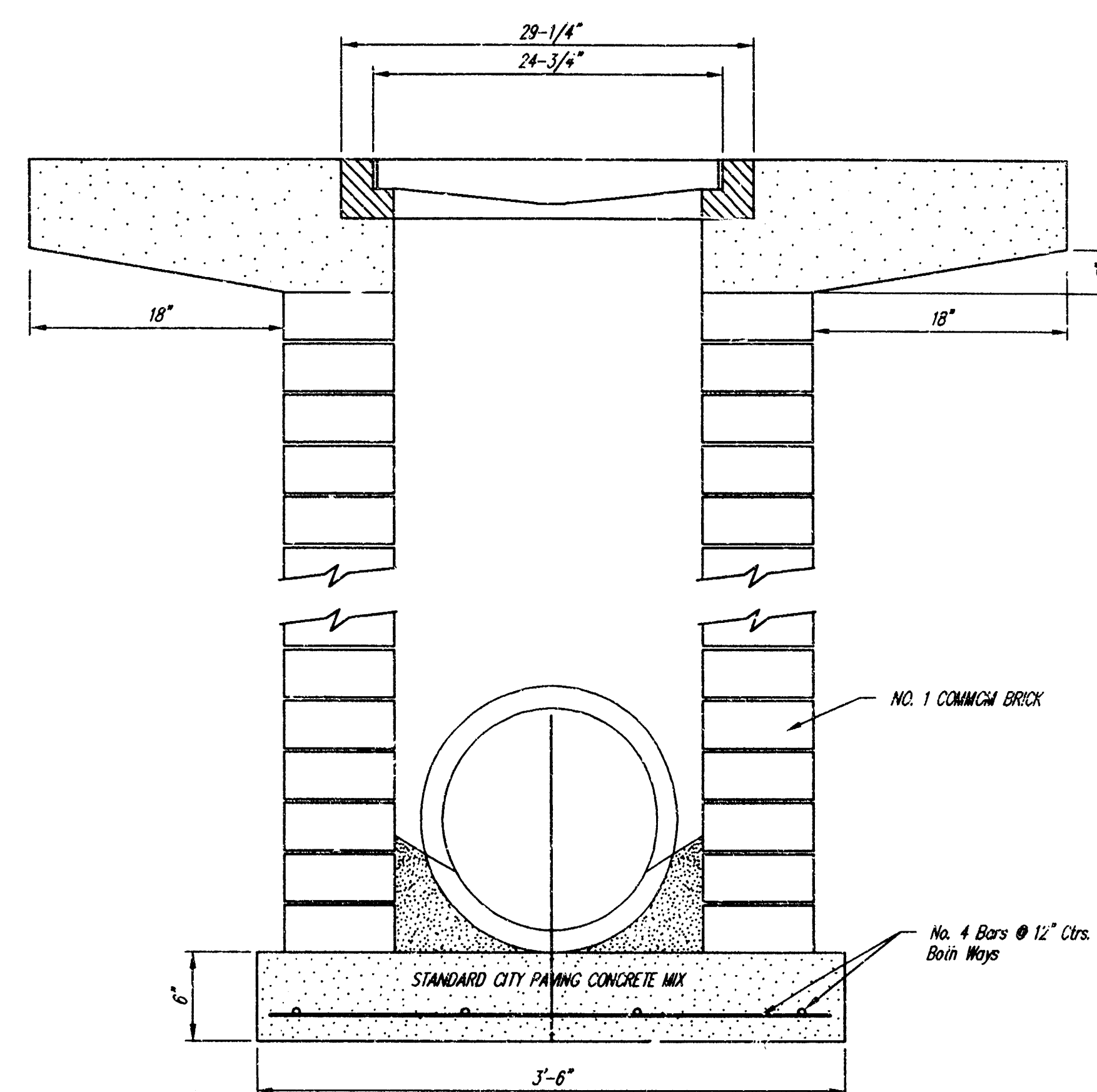


DEETER #2433 GRATE

24" x 24" Frame and Grate Detail



Double 24" x 24" Frame Detail



Note: Concrete apron shall be constructed around the inlet when inlet is located in an unpaired 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.

1 COMMON BRICK

— No. 4 Bars @ 12" Ctrs.
Both Ways

— NO. 1 COMMON BRICK

No. 4 Bars @ 12" Ctrs.
Both Ways

DROP INLET DETAILS

Project no. 611 PPS (607861)

	2
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