

BENCH MARKS

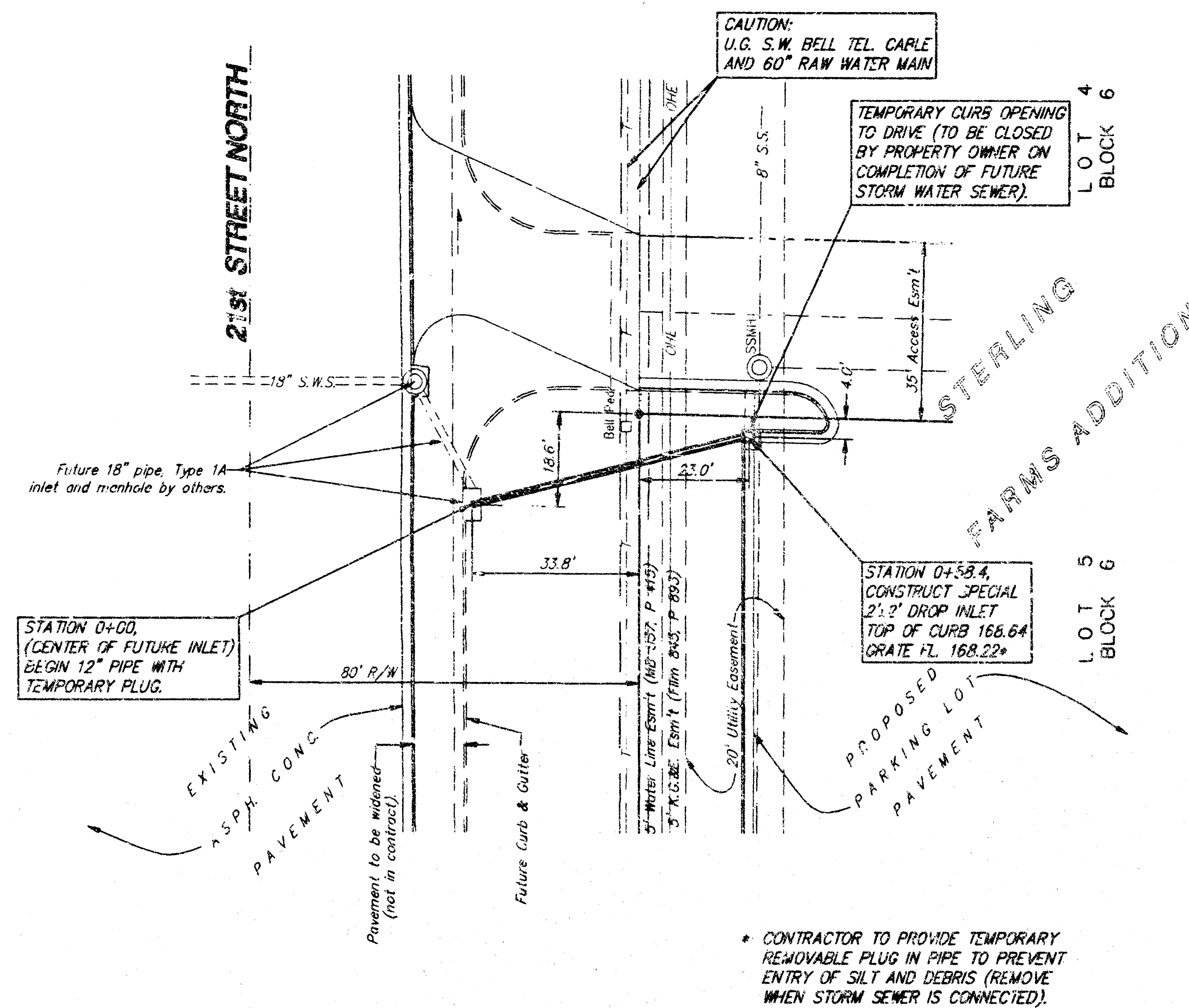
1. "X" Cut on N. edge of San. Sewer MH rim. 24' N. & 10' W. of S.E. corner at S. Block 6, Sterling Farms Add'n Elevation 169.53 City Datum
2. "d" Cut at S.W. Cor. of traffic signal manhole, 6' N. of S.W. prop. corner, 21st & Tyler; Elev. 169.29 City Datum

GENERAL NOTES

1. All work on this project shall conform to the Standard Specifications for Storm Sewer Construction of the City of Wichita.
2. The Contractor shall be responsible for any costs and arrangements necessary for any adjustment of the Southwestern Bell cable.
3. All unpaved 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.

RUNOFF CALCULATIONS

By Rational Formula: $Q = CIA$
 Impervious Area = 13007 S.F.
 Pervious Area = 2821 S.F.
 D.A. (to Storm Sewer) = 0.41 ac.
 $C_{\text{pervious}} = 0.95$
 $C_{\text{pervious}} = 0.65$
 $C_{\text{weighted}} = 0.68$
 Assume time of concentration = 10 min.
 $I_3 = 5.34 \text{ in./hr.}$ $I_{10} = 8.54 \text{ in./hr.}$
 $Q_3 = 2.2 \text{ cfs}$ $Q_{10} = 3.6 \text{ cfs}$

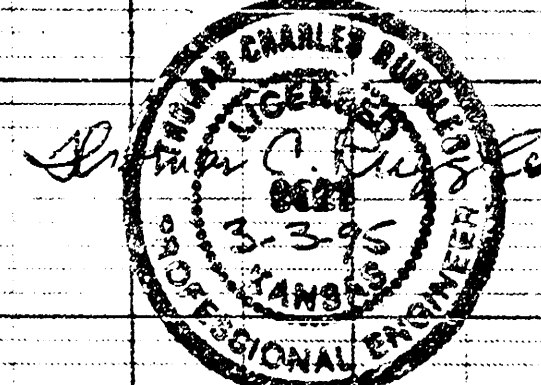
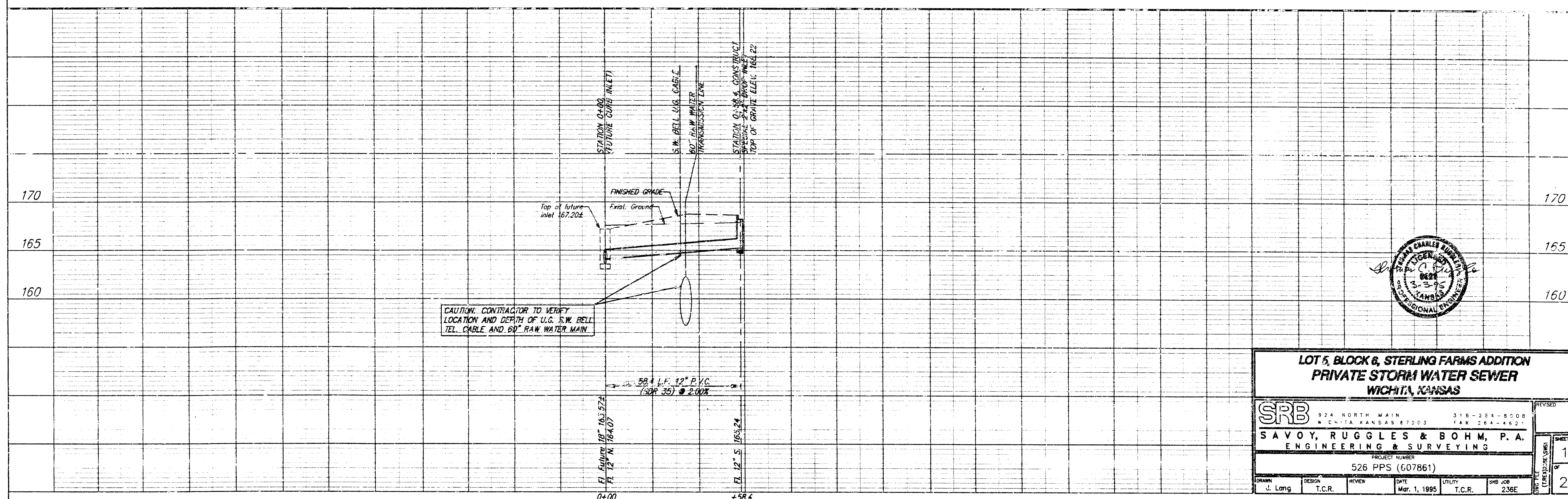
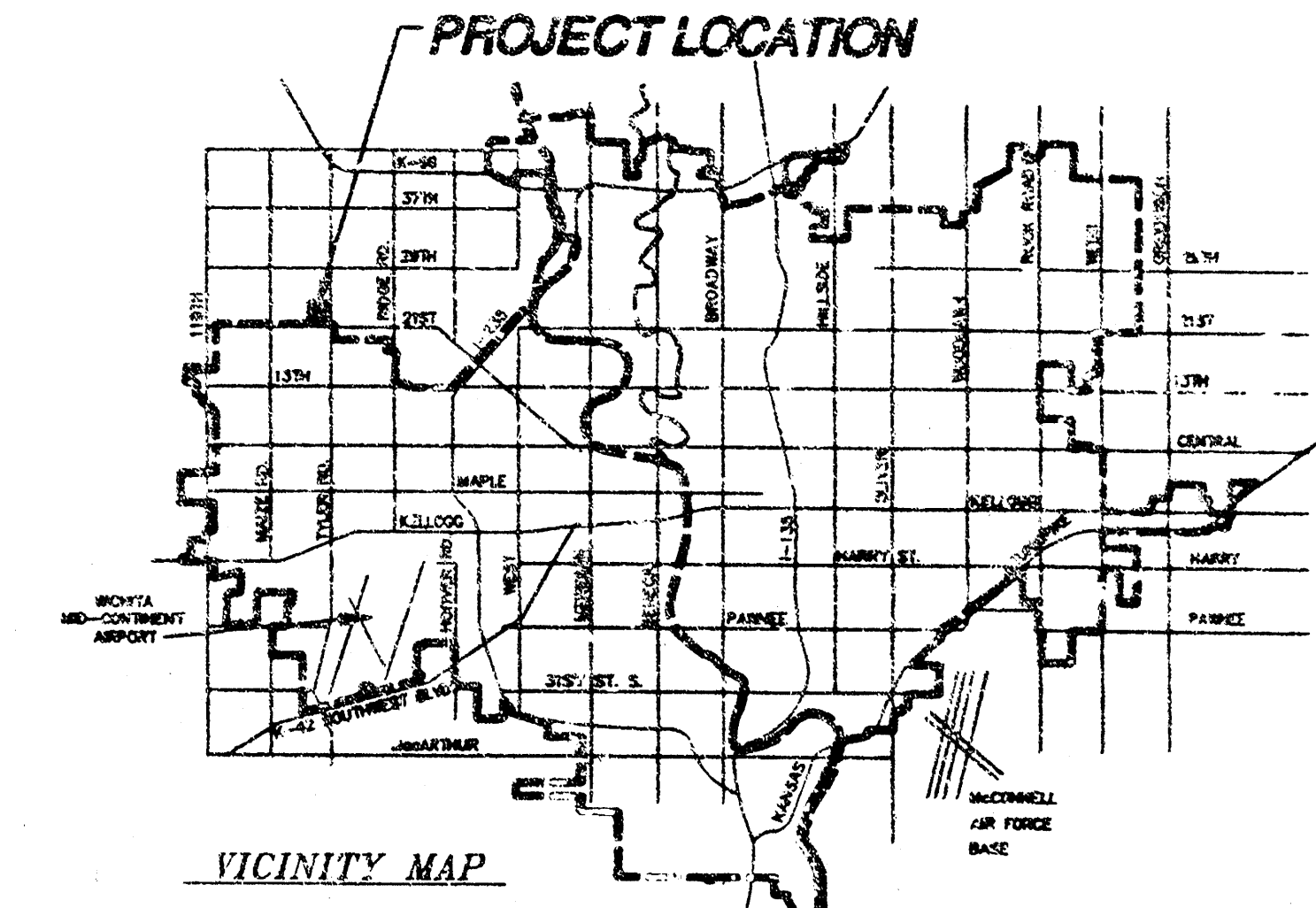


SRB
 SCALE:
 1"=20' PLAN
 1"=5' PROFILE (V.)

APPROVED AS NOTED
 BY CITY ENGINEER OF WICHITA

Sanitary Sewers _____
 Storm Sewers VRH 3/7/95
 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 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.



**LOT 5, BLOCK 6, STERLING FARMS ADDITION
 PRIVATE STORM WATER SEWER
 WICHITA, KANSAS**

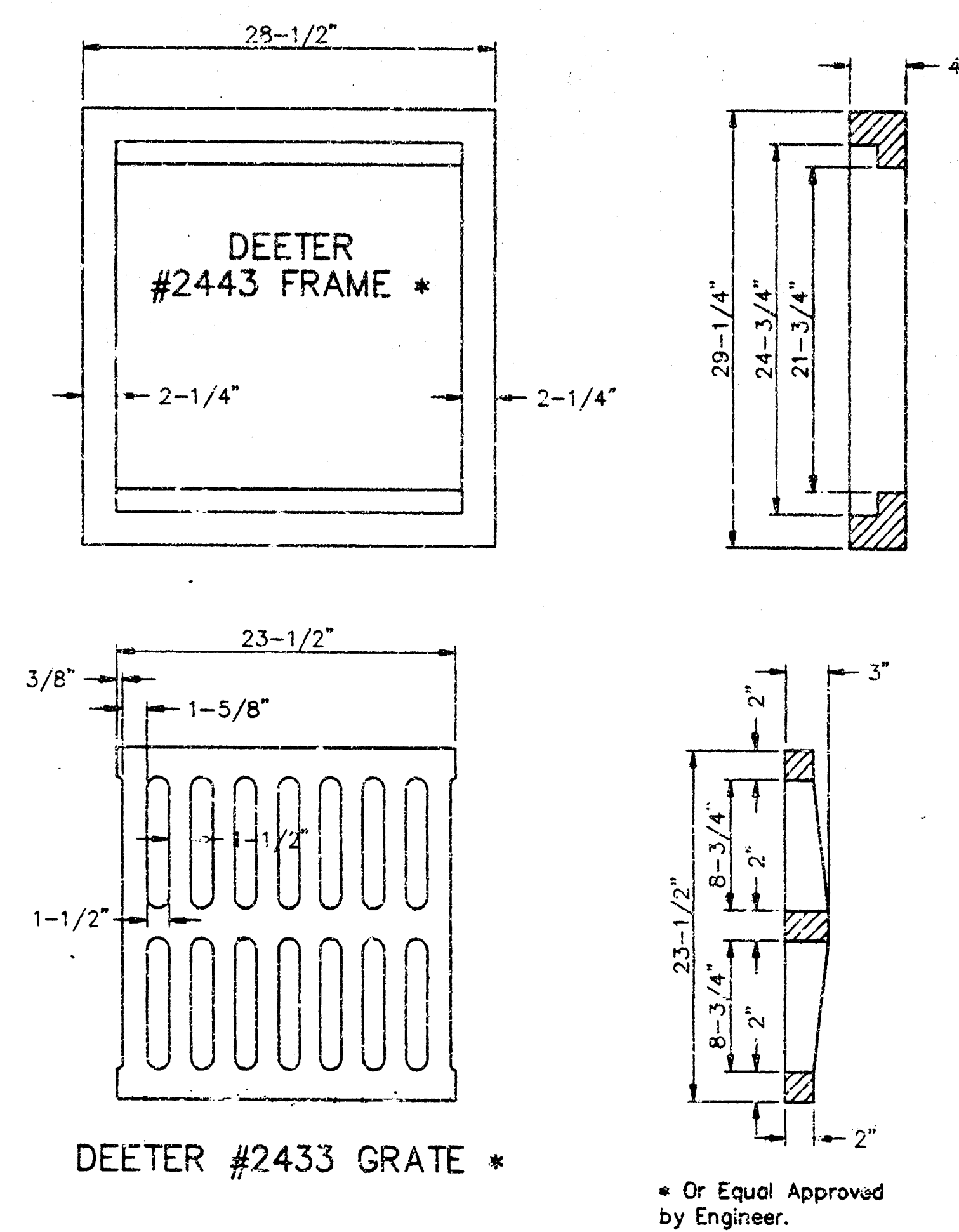
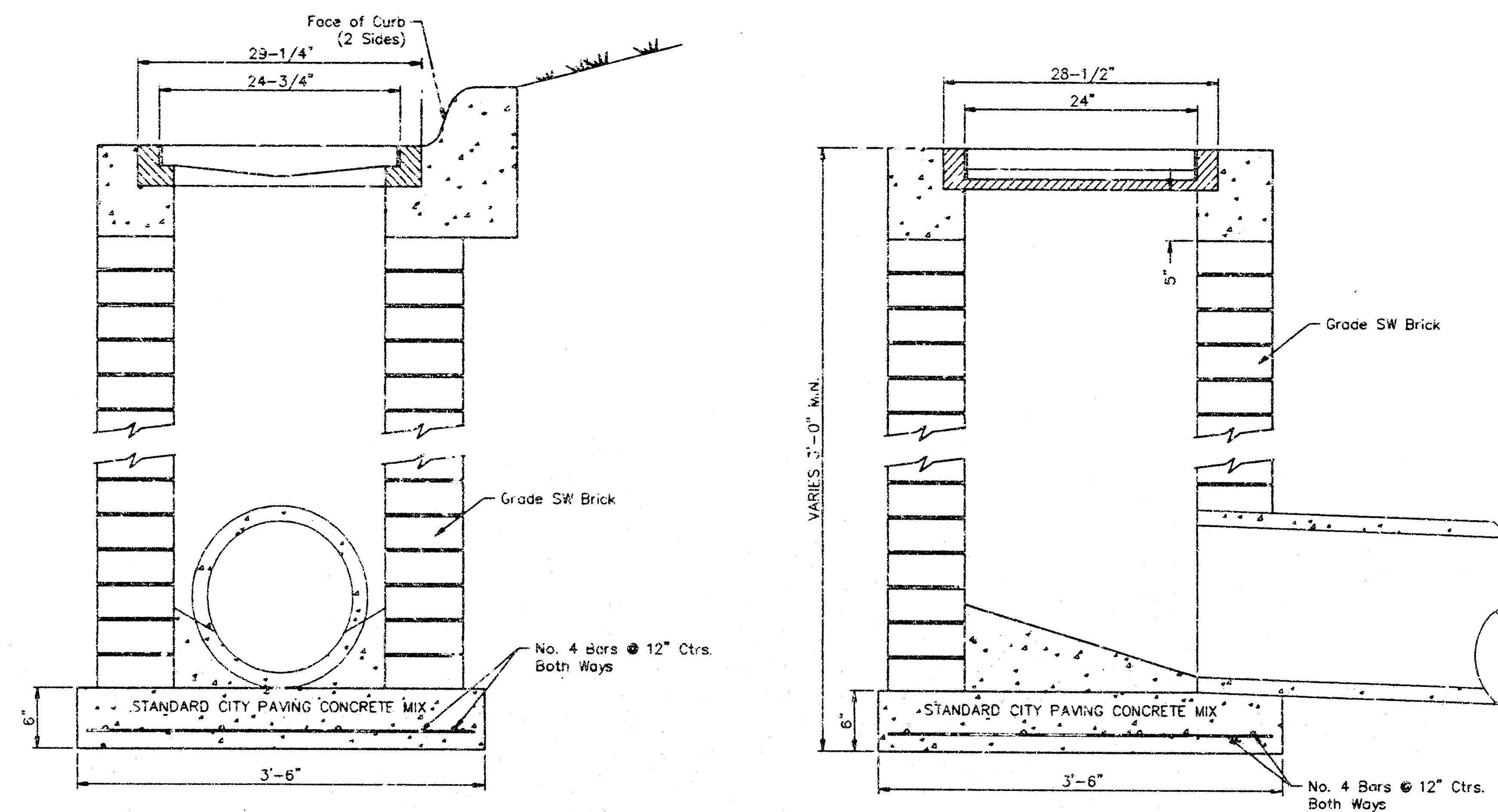
SRB 924 NORTH MAIN 316-254-8008
 WICHITA, KANSAS 67203 FAX 264-4621

SAVOY, RUGGLES & BOHM, P.A.
 ENGINEERING & SURVEYING

PROJECT NUMBER
 526 PPS (607861)

DRAWN J. Lang	DESIGN T.C.R.	REVIEW	DATE Mar. 1, 1995	UTILITY T.C.R.	SUB JOB 236E
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REVISIONS
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 2



24" x 24" FRAME AND GRATE DETAIL

LOT 5, BLOCK 8, STERLING FARMS ADDITION					
2'x2' SPECIAL DROP INLET					
WICHITA, KANSAS					
SRB 924 NORTH MAIN WICHITA, KANSAS 67203 316-264-8008 FAX 264-4222					
SAVOY, RUGGLES & BOHM, P. A.					
ENGINEERING & SURVEYING					
PROJECT NUMBER					
526 PPS (607861)					
DESIGN	DATE	REVIEW	DATE	UTILITY	JOB
J. Lang	T.C.R.		Mar. 1, 1995	T.C.R.	238E

REVISION	SHEET
1	2
2	2

