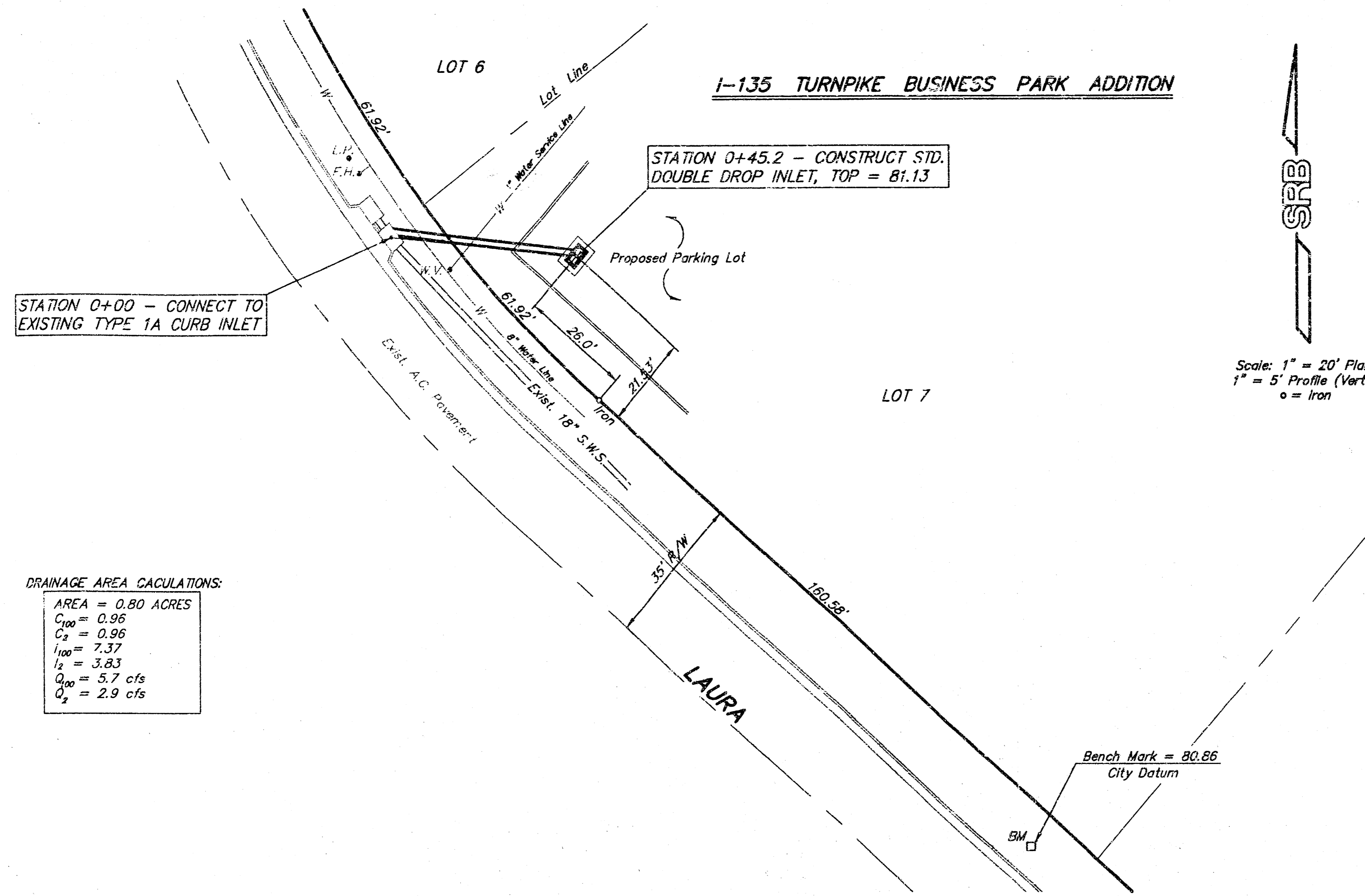


**I-135 TURNPIKE BUSINESS PARK ADDITION**



STATION 0+00 - CONNECT TO EXISTING TYPE 1A CURB INLET

STATION 0+45.2 - CONSTRUCT STD. DOUBLE DROP INLET, TOP = 81.13

**DRAINAGE AREA CALCULATIONS:**

AREA = 0.80 ACRES  
 $C_{100} = 0.96$   
 $C_2 = 0.96$   
 $L_{100} = 7.37$   
 $L_2 = 3.63$   
 $Q_{100} = 5.7$  cfs  
 $Q_2 = 2.9$  cfs

Scale: 1" = 20' Plan  
 1" = 5' Profile (Vert.)  
 o = Iron

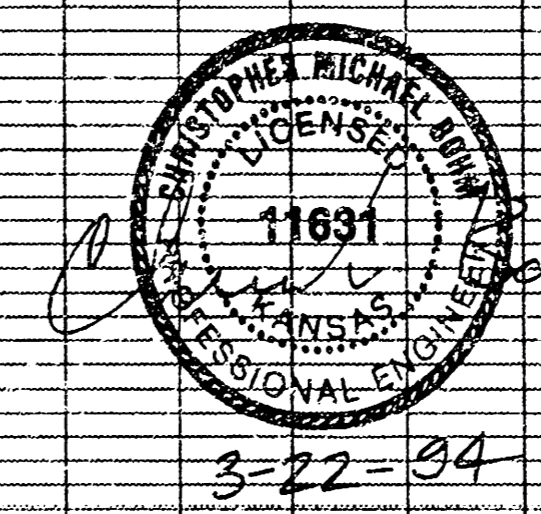
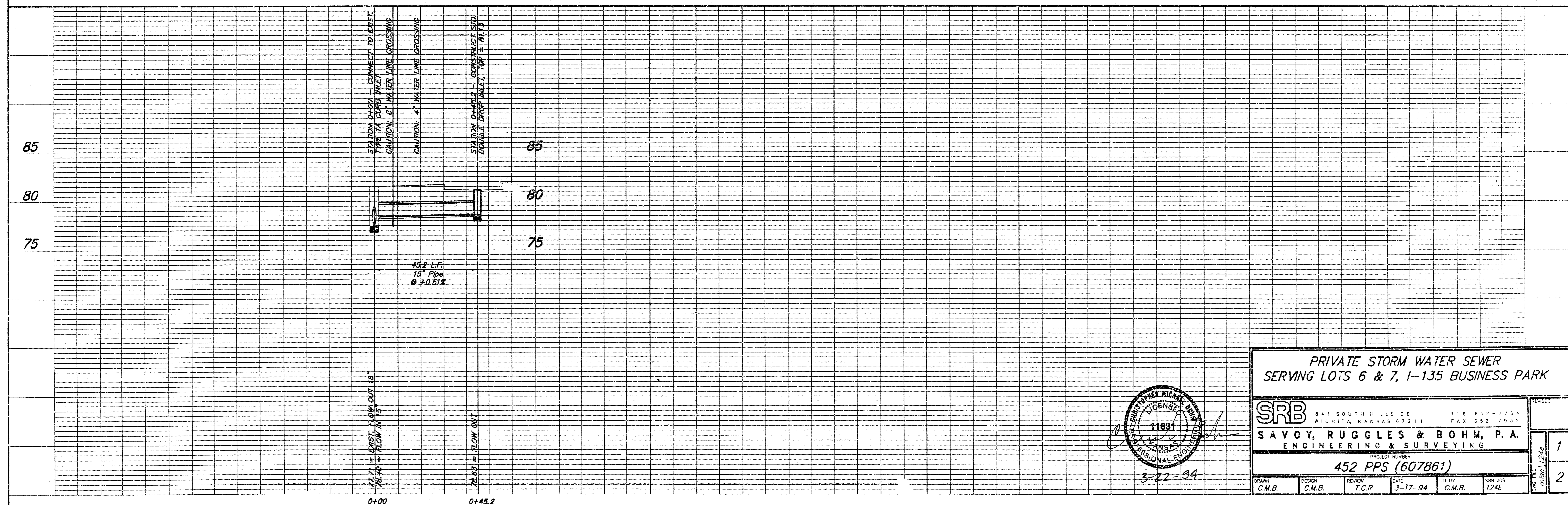
INSPECTION AND TESTING FOR THIS PROJECT TO BE PROVIDED BY A LICENSED CONCRETE ENGINEERING FIRM UNDER CONTRACT WITH THE OWNER/DEVELOPER. SAID INSPECTION TO BE IN ACCORDANCE WITH THE CITY OF WICHITA STANDARD CONSTRUCTION ENGINEERING PRACTICES AND CERTIFIED BY A LICENSED PROFESSIONAL ENGINEER. NO WORK SHALL BE PERFORMED IN REARDED EASEMENTS OR PUBLIC RIGHT-OF-WAY BY THE CONTRACTOR WITHOUT SUCH INSPECTIONS AND TESTING BEING COMPLETED IN DEDICATED EASEMENTS OR PUBLIC RIGHT-OF-WAY WITHOUT WRITTEN AUTHORIZATION BY THE CITY ENGINEER.

APPROVED AS NOTED  
 BY CITY ENGINEER OF WICHITA

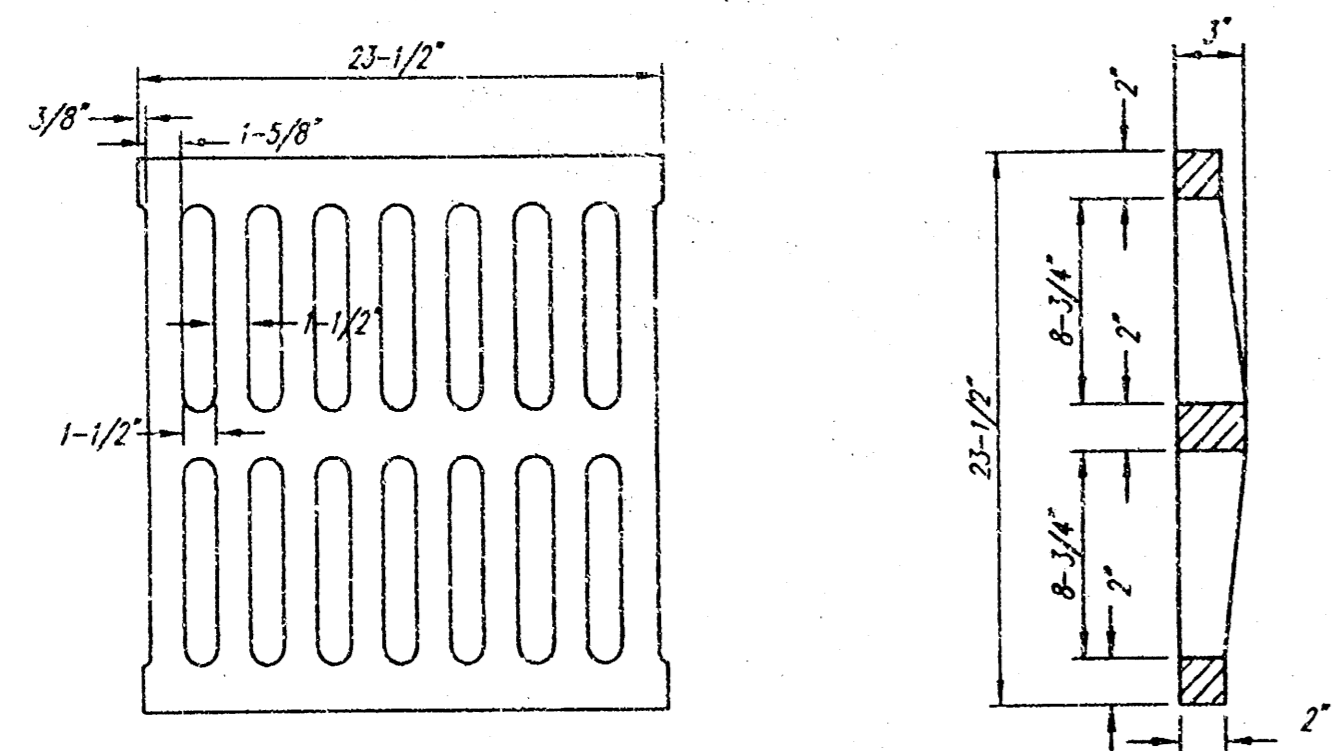
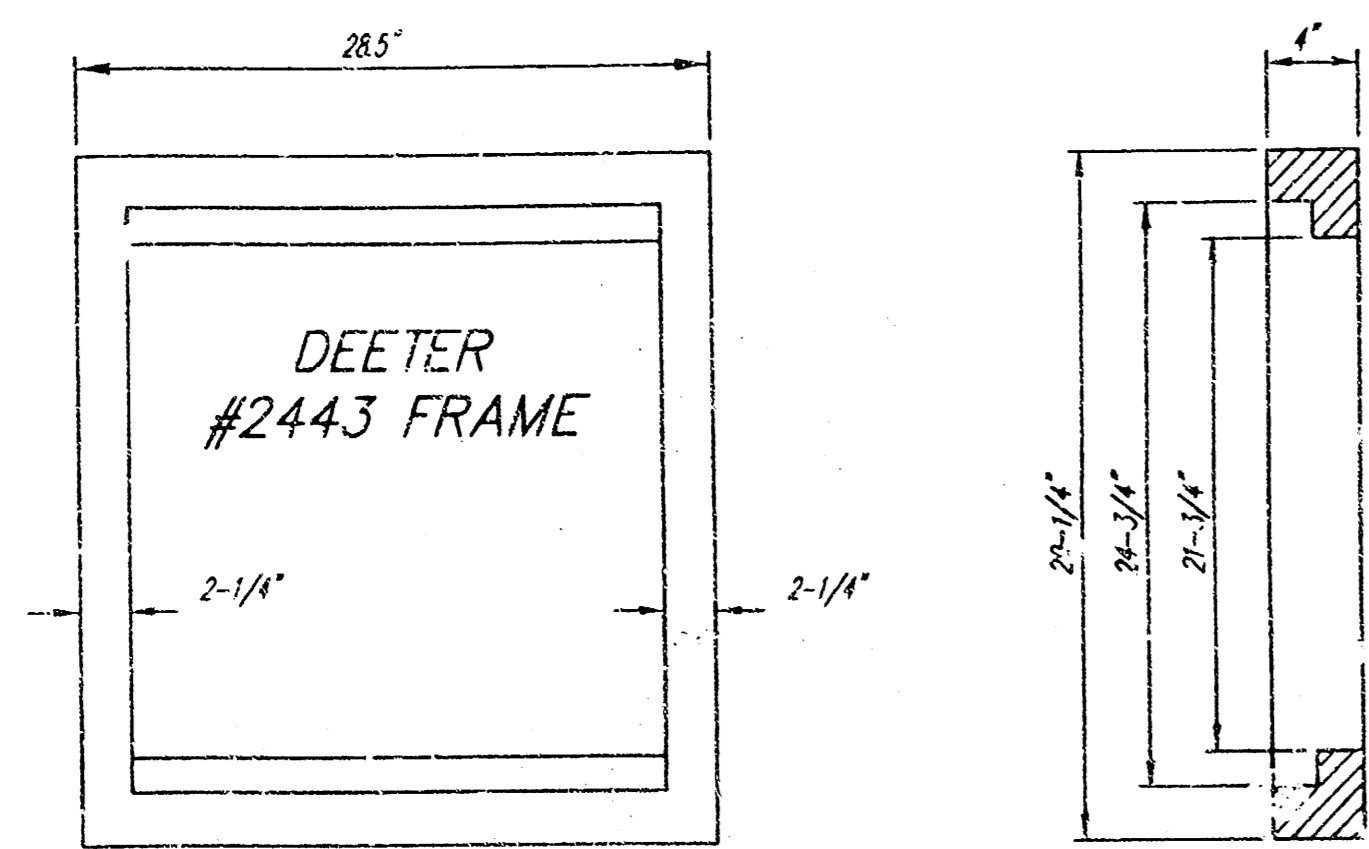
Sanitary Sewers \_\_\_\_\_  
 Storm Sewers **3-22-94**  
 Driveway Approaches \_\_\_\_\_  
 Water Mains \_\_\_\_\_  
 Paving \_\_\_\_\_

**GENERAL NOTES**

- 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 be 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. Location information has been obtained from the various utility companies and is either from company record drawings or company provided field locations. The Contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed 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.
- 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.
- 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 or a licensed professional engineer in accordance with state laws.
- The Contractor shall seed, fertilize and mulch all disturbed areas.

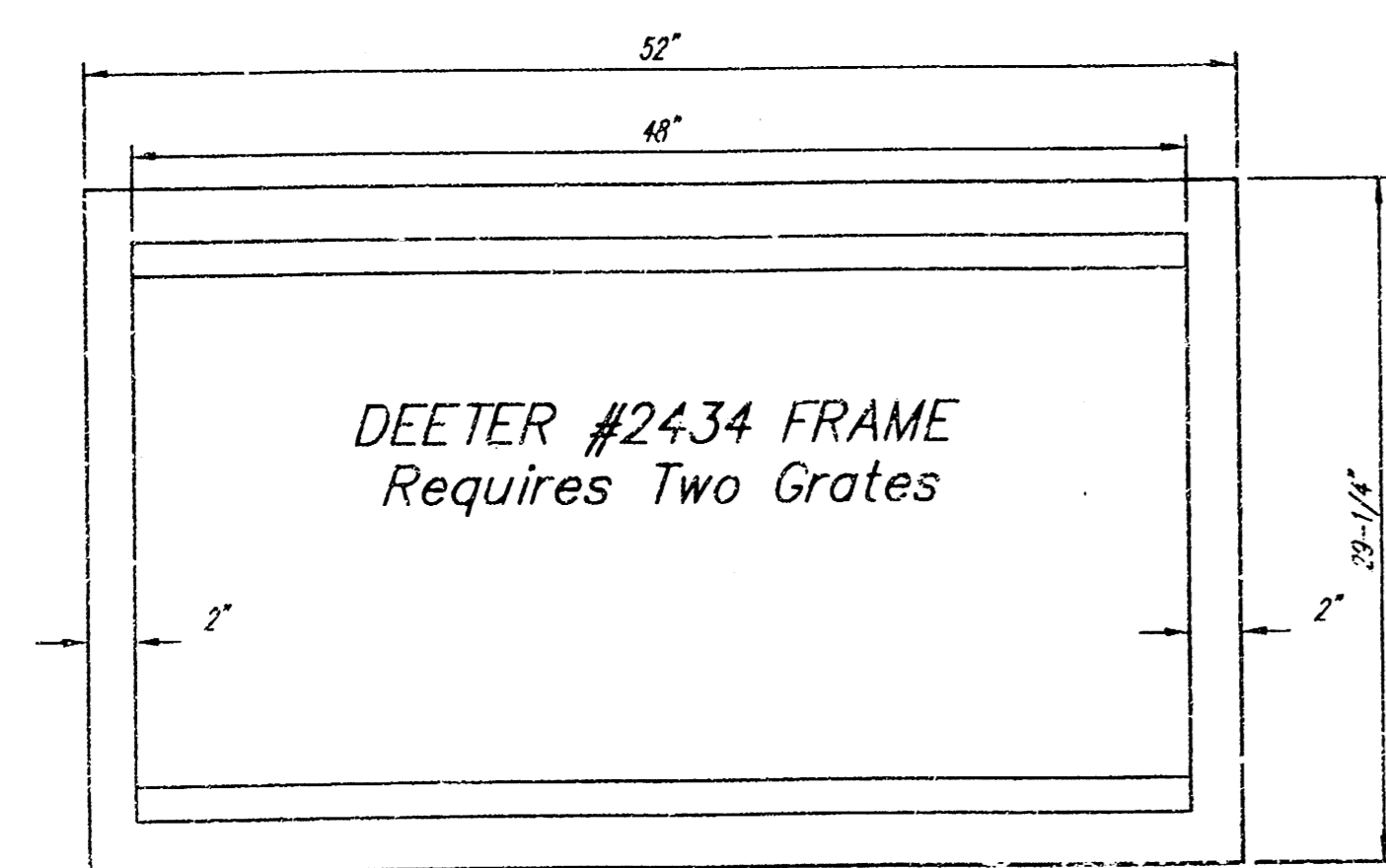


PRIVATE STORM WATER SEWER SERVING LOTS 6 & 7, I-135 BUSINESS PARK					
<b>SRB</b>		841 SOUTH HILLSIDE WICHITA, KANSAS 67211		316-652-7754 FAX 652-7932	
<b>SAVOY, RUGGLES &amp; BOHM, P.A.</b> ENGINEERING & SURVEYING					
PROJECT NUMBER <b>452 PPS (607861)</b>					
DRAWN C.M.B.	DESIGN C.M.B.	REVIEW T.C.R.	DATE 3-17-94	UTILITY C.M.B.	SRB JOB 124E
					1 2



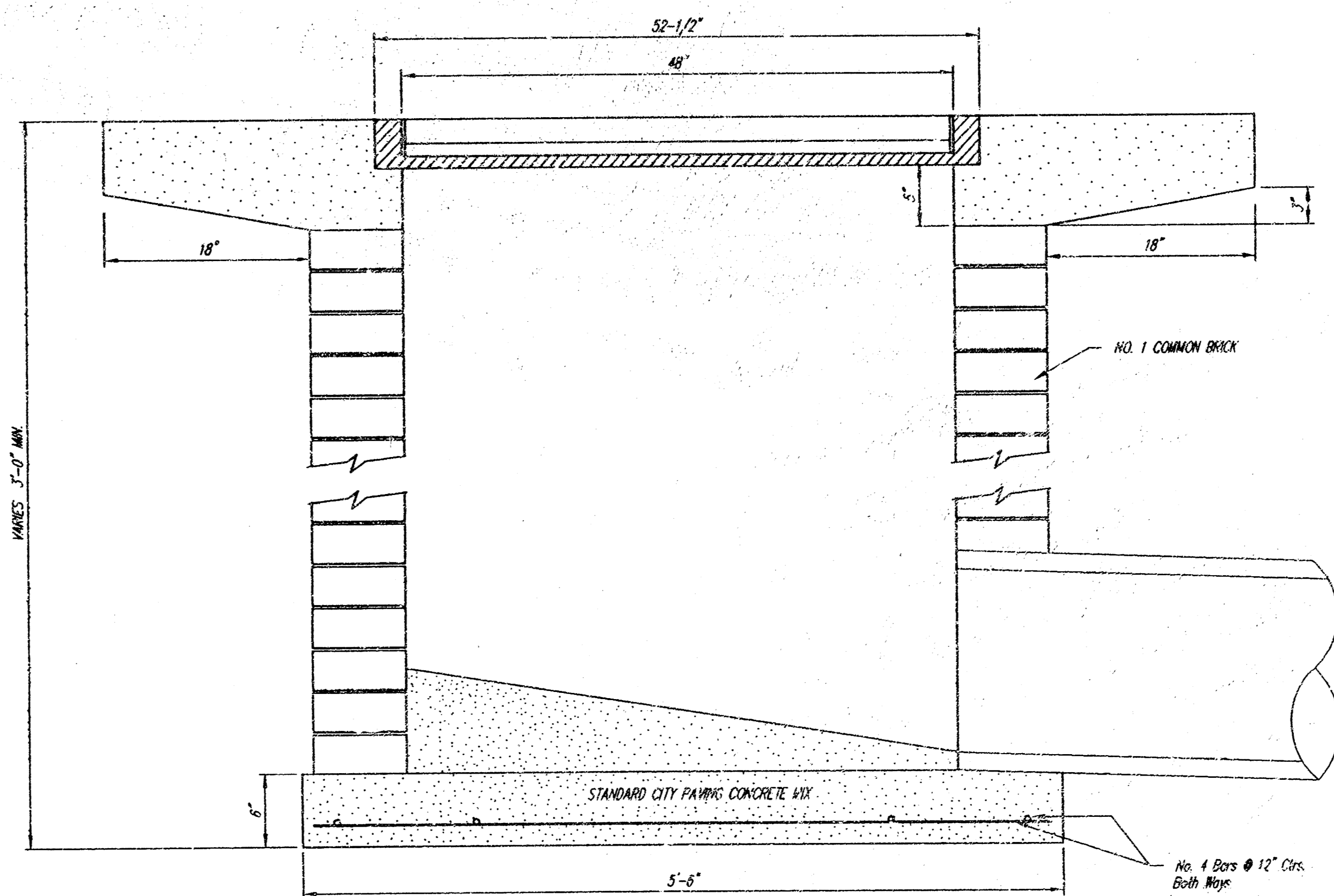
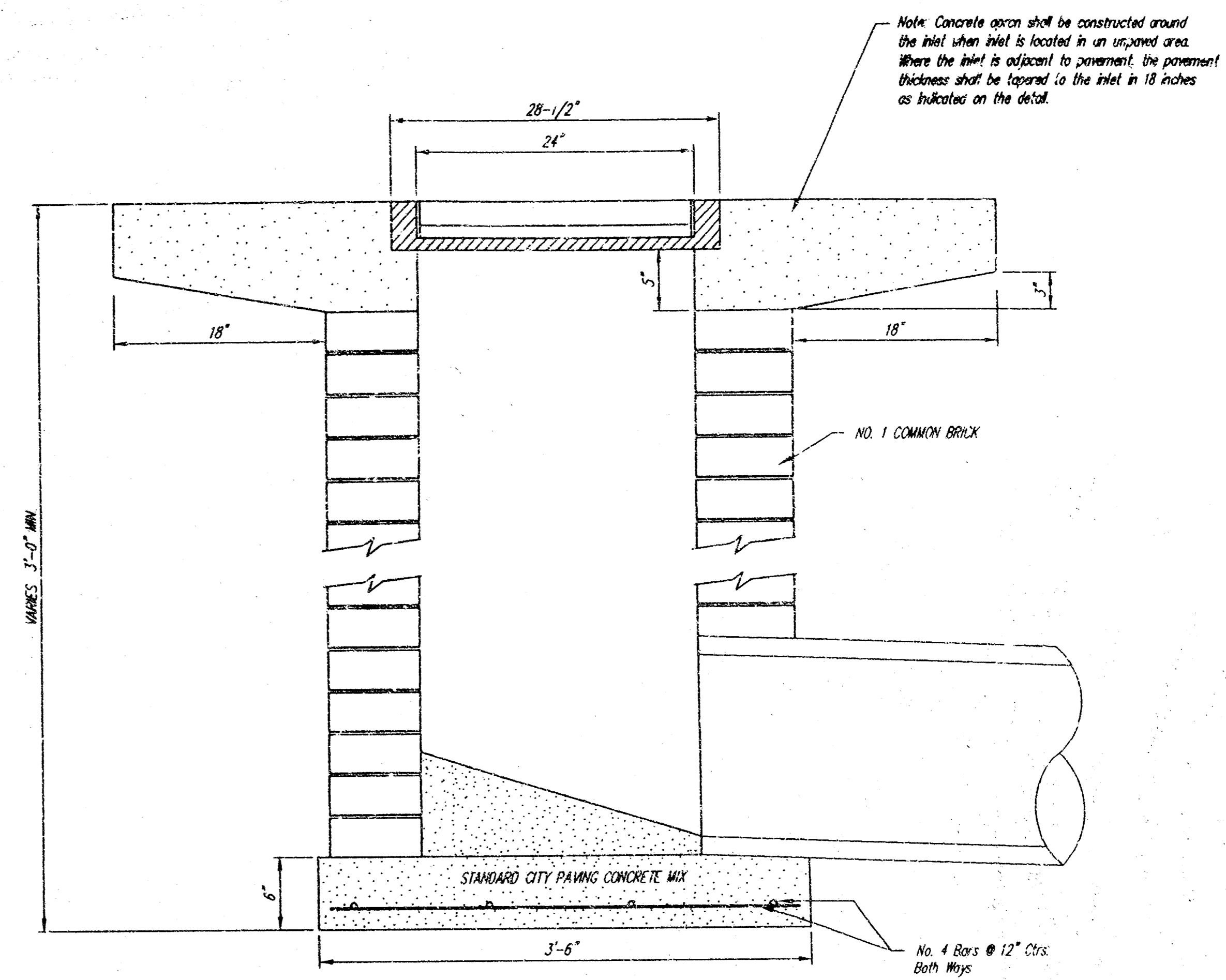
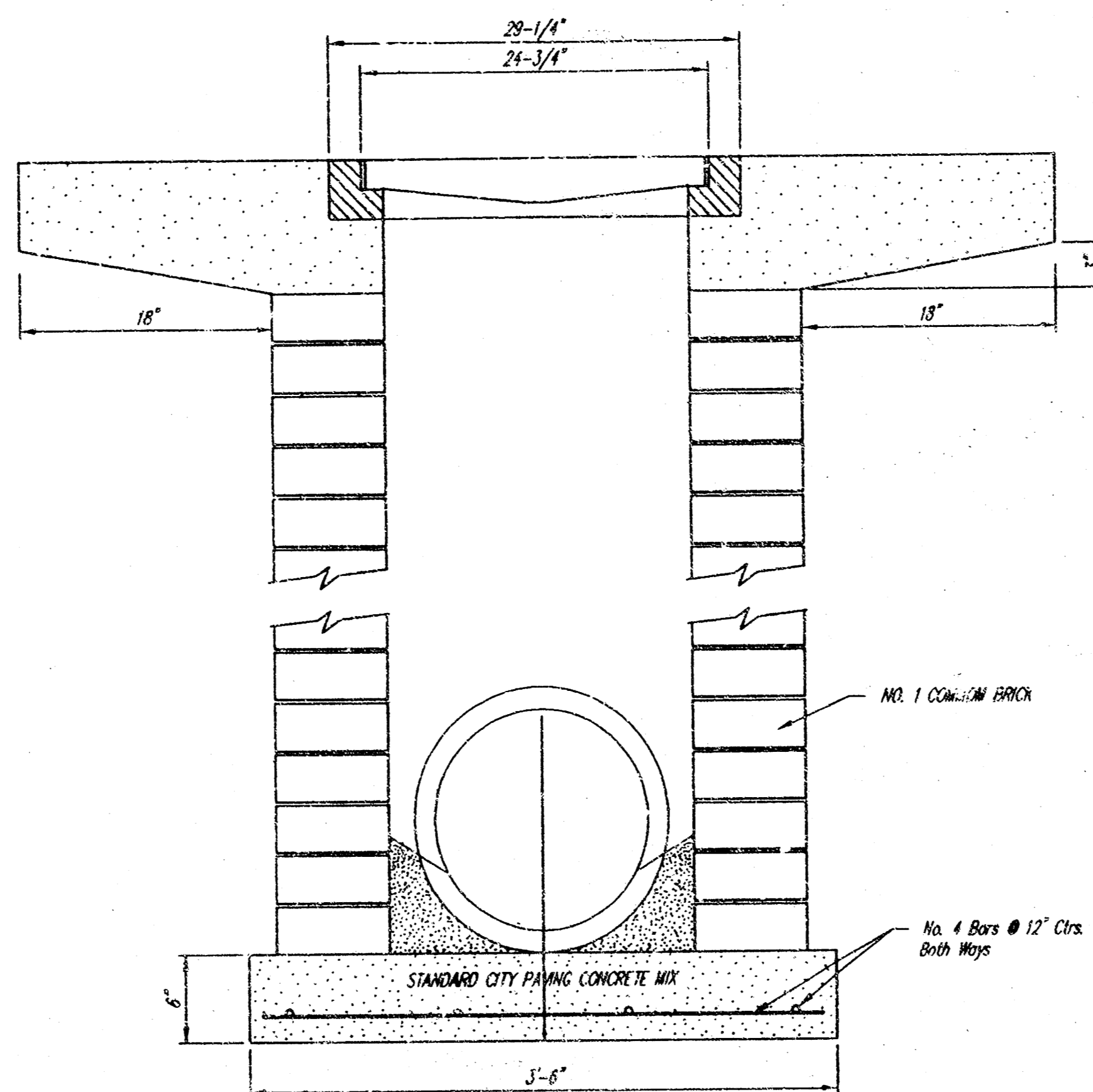
DEETER #2433 GRATE

24" x 24" Frame and Grate Detail



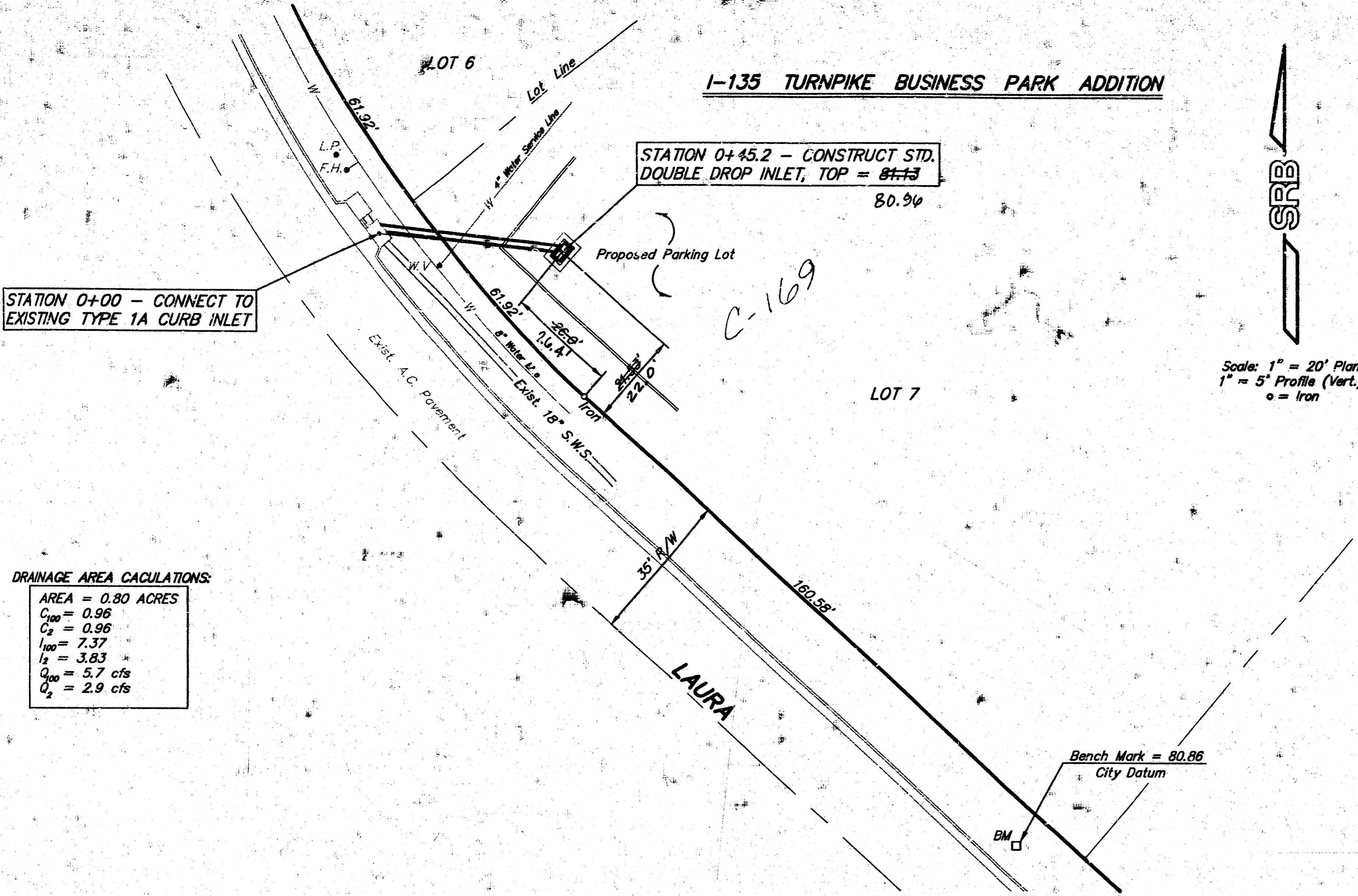
DEETER #2434 FRAME  
Requires Two Grates

Double 24" x 24" Frame Detail



DROP INLET DETAILS	2
	2

452015



**DRAINAGE AREA CALCULATIONS:**

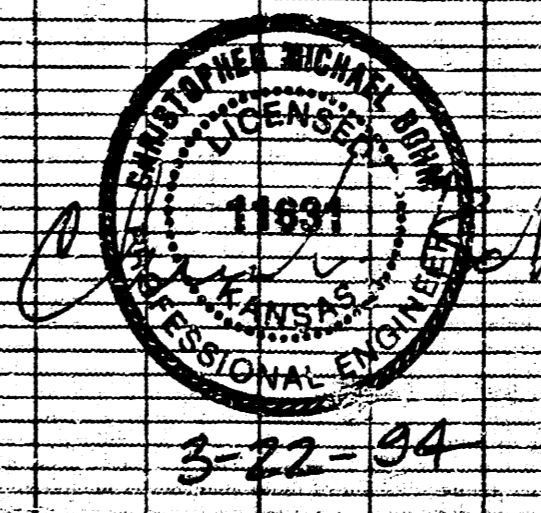
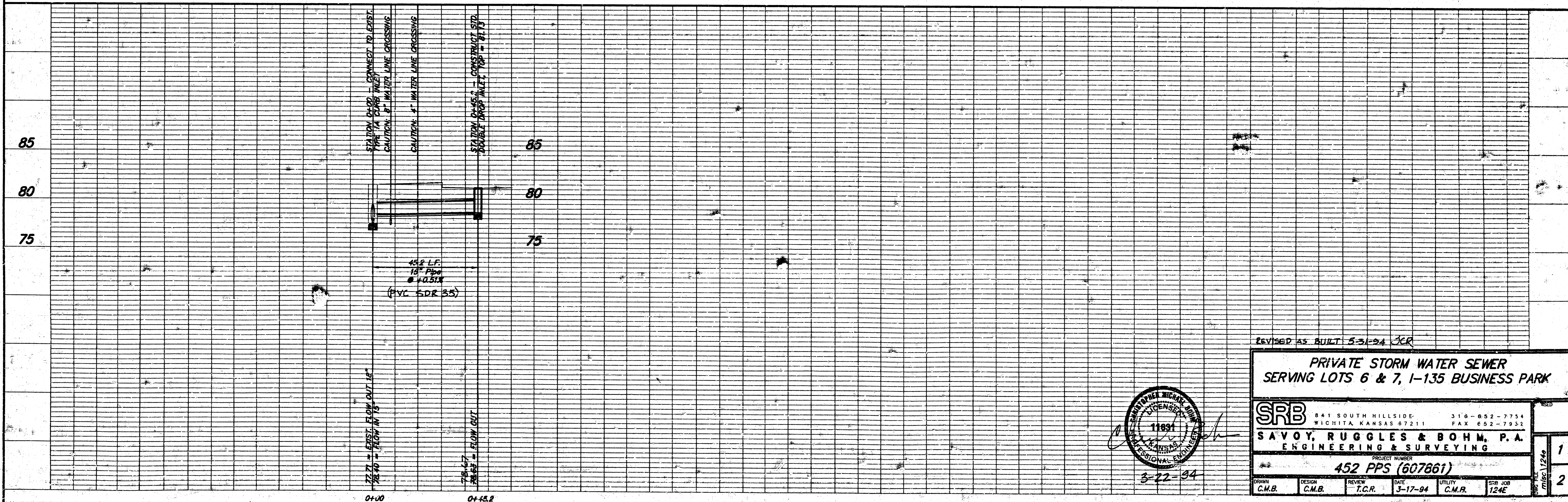
AREA = 0.80 ACRES  
 $C_{100} = 0.96$   
 $C_s = 0.96$   
 $L_{100} = 7.37$   
 $L_s = 3.83$   
 $Q_{100} = 5.7$  cfs  
 $Q_s = 2.9$  cfs

INSPECTION AND TESTING FOR THIS PROJECT 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 INSPECTIONS, NOR SHALL ANY WORK BE COMMENCED IN DEDICATED EASEMENTS OR PUBLIC RIGHT-OF-WAY WITHOUT WRITTEN AUTHORIZATION BY THE CITY ENGINEER.

APPROVED AS NOTED  
By CITY ENGINEER OF WICHITA

Sanitary Sewers \_\_\_\_\_  
 Storm Sewers **PCW** 3-22-94  
 Driveway Approaches \_\_\_\_\_  
 Water Mains \_\_\_\_\_  
 Paving \_\_\_\_\_

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REVISED AS BUILT 5-31-94 JCR

**PRIVATE STORM WATER SEWER  
SERVING LOTS 6 & 7, I-135 BUSINESS PARK**

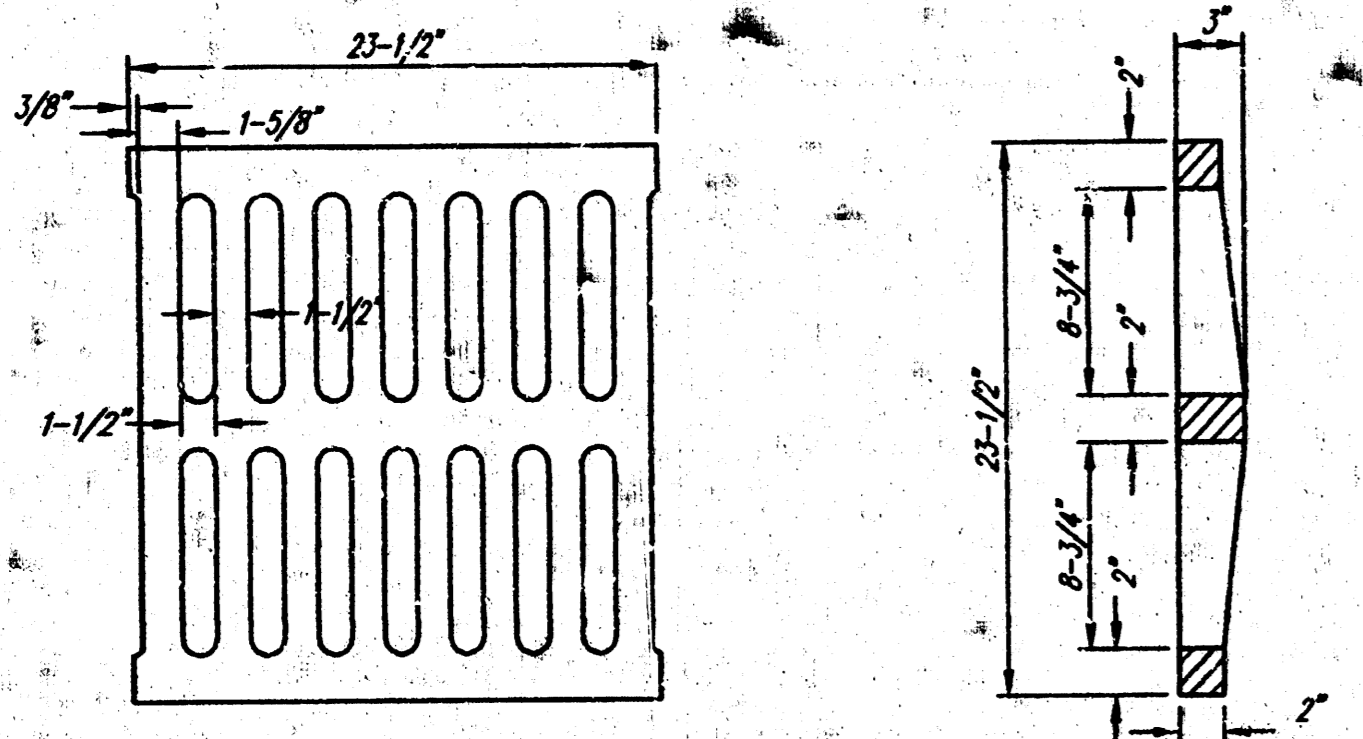
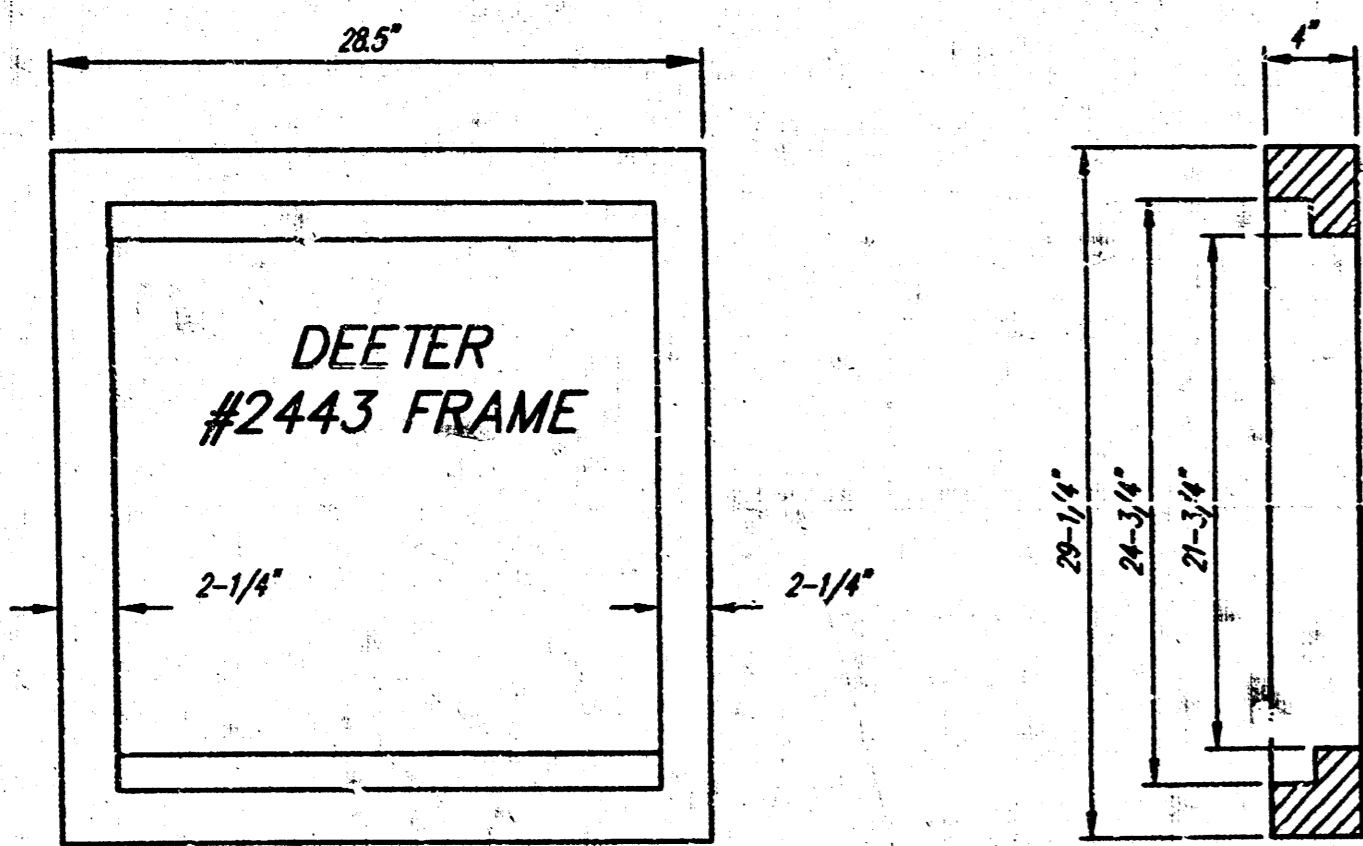
**SRB** 841 SOUTH HILLSIDE 316-652-7754  
WICHITA, KANSAS 67211 FAX 652-7932

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

PROJECT NUMBER  
**452 PPS (607861)**

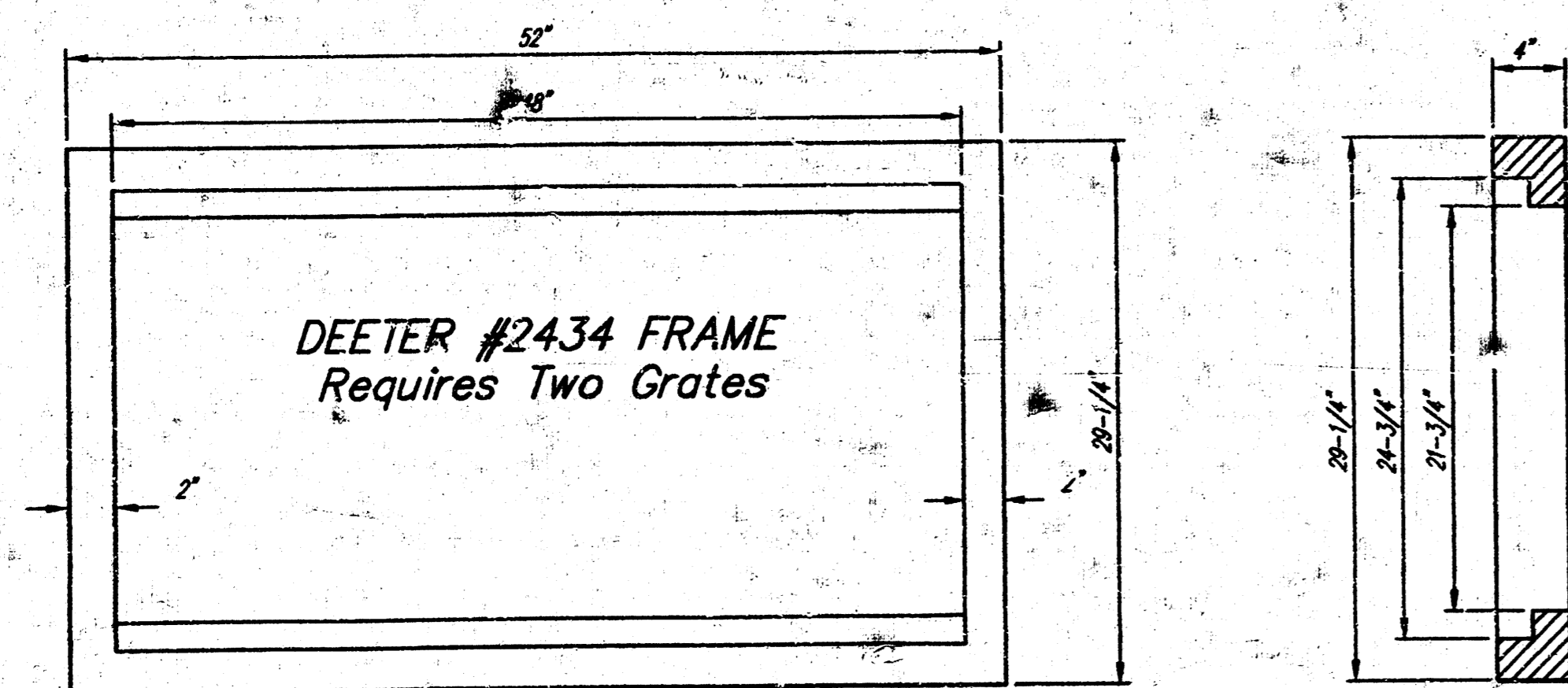
DESIGN	REVIEW	DATE	UTILITY	JOB
C.M.B.	T.C.R.	3-17-94	C.M.R.	124E

misc 1/249  
1  
2



DEETER #2433 GRATE

24" x 24" Frame and Grate Detail



DEETER #2434 FRAME  
Requires Two Grates

Double 24" x 24" Frame Detail

