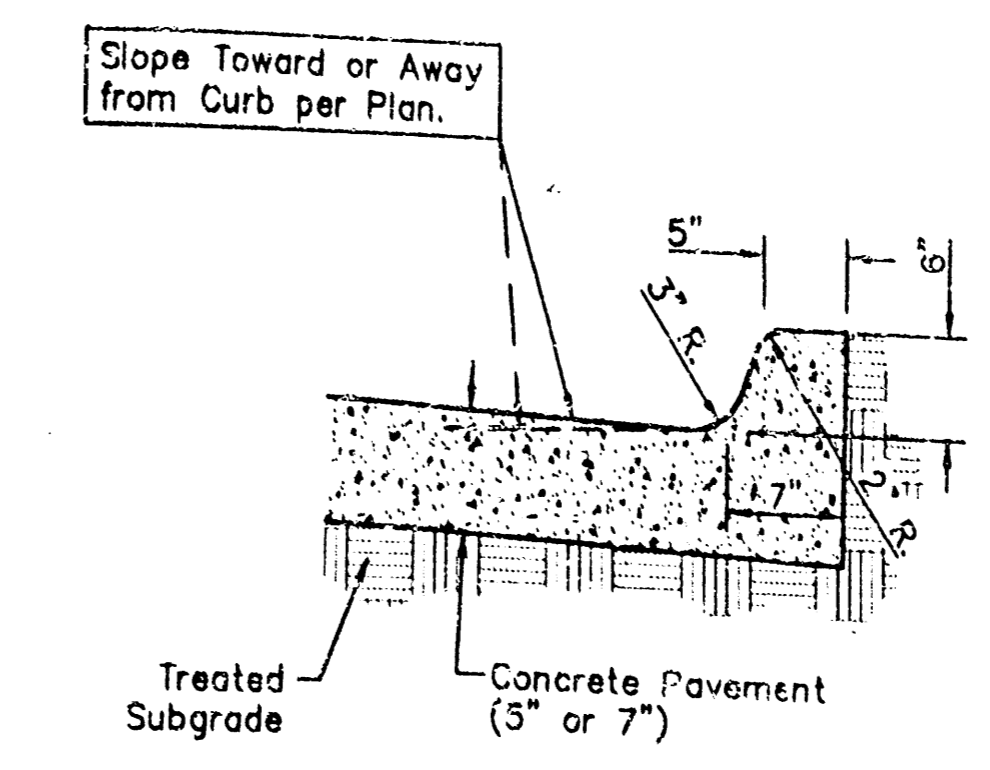
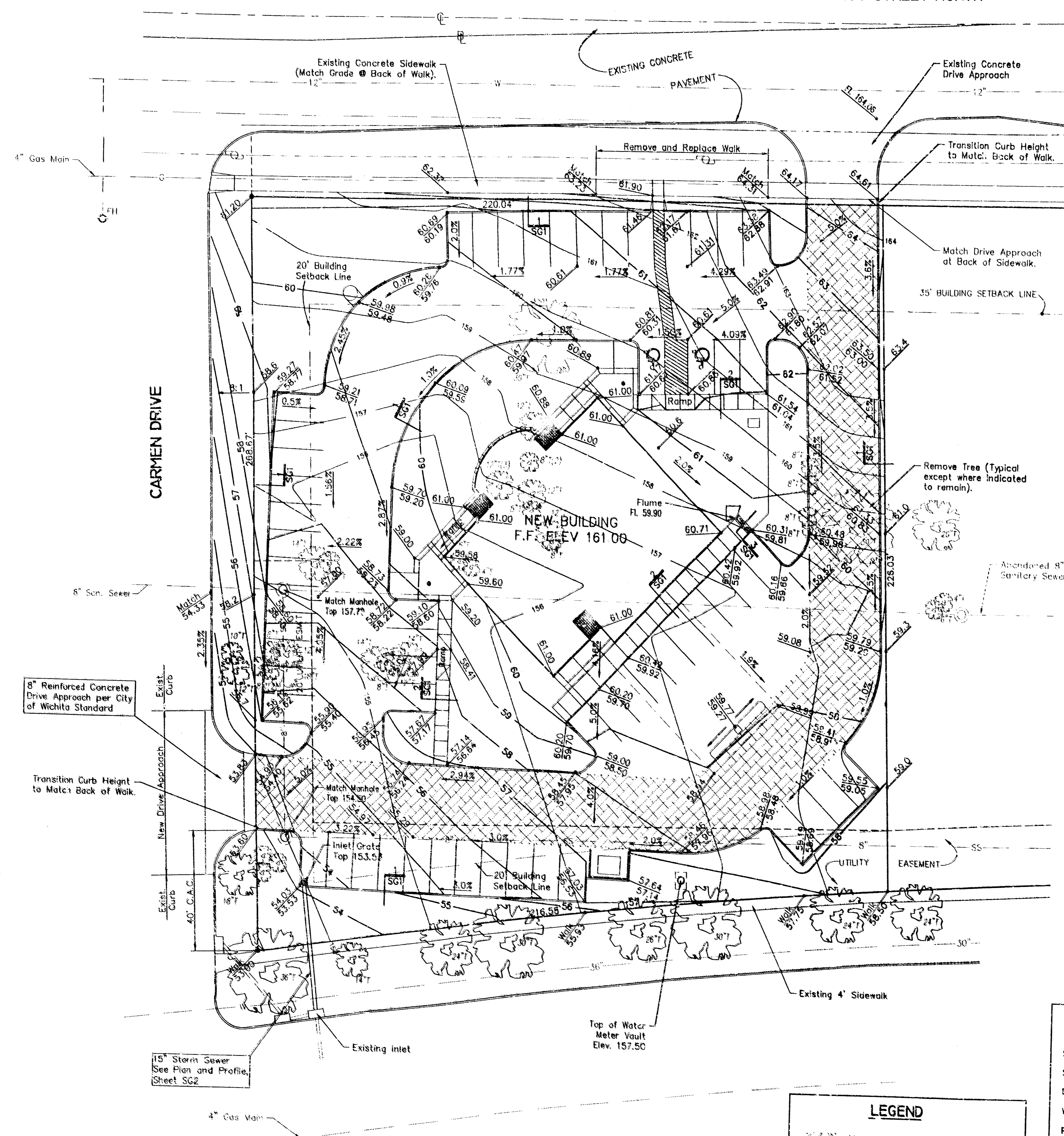
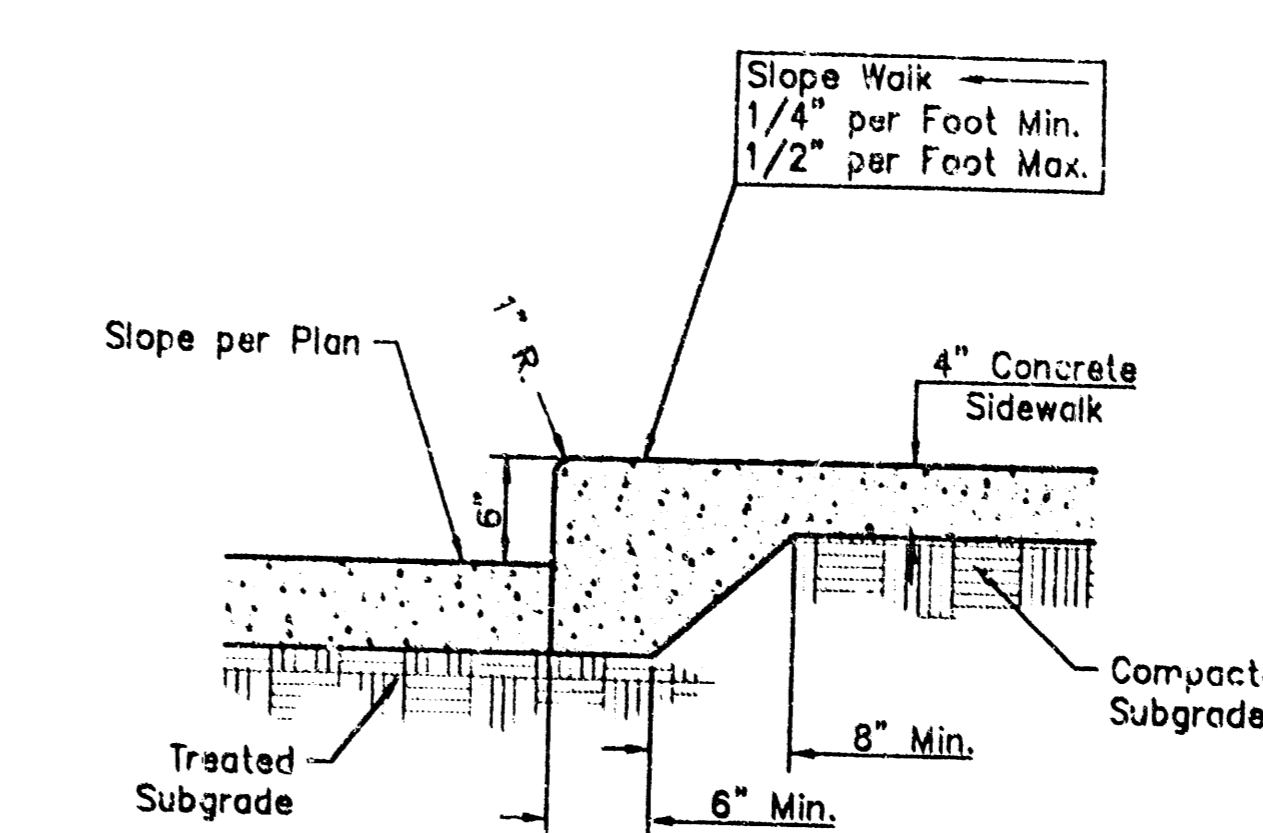


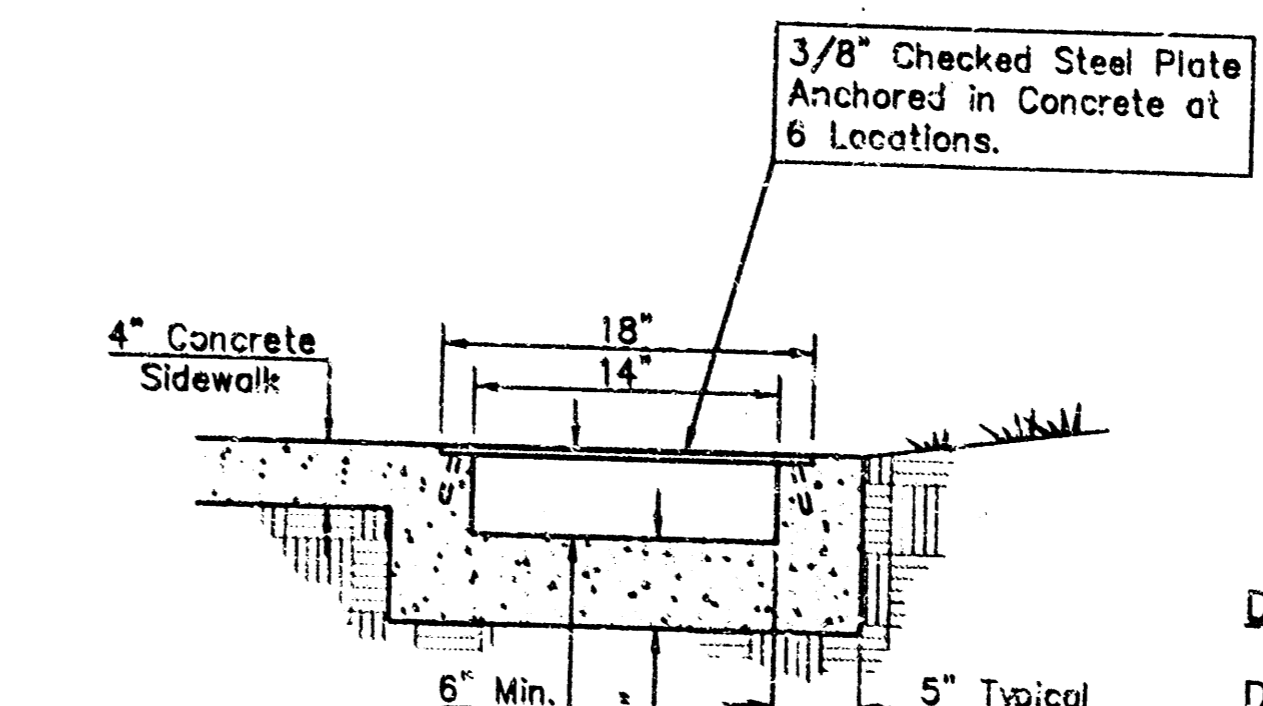
21ST STREET NORTH



MONOLITHIC CURB DETAIL
NO SCALE



2 INTEGRAL CURB DETAIL AT CONCRETE WALK
NO SCALE



3 FLUME DETAIL UNDER WALK
NO SCALE

DRAINAGE CALCULATIONS
 D.A. = 1.19 Acres
 $Q_5 = 0.78 \times 6.53 \times 1.19 = 6.1 \text{ cfs}$
 $Q_{100} = 0.89 \times 10.32 \times 1.19 = 10.9 \text{ cfs}$
 Drain to proposed Inlet at sw corner and through driveway to Carmen.

INLET CALCULATIONS:
 Use 2' x 2' Inlet (1.28 s.f. opening)
 $Q \text{ in} = 0.6 \times A (2gh)^{1/2}$, $h = 0.8'$
 Inlet capacity = 5.5 cfs; use 15" pipe.
 Overflow through driveway.

BENCH MARKS:

- Square cut in top of curb and North end of return at Northwest Corner of Shadybrook and Carmen. Elevation = 152.00 City Datum
- Plus cut at center line of sidewalk on South side of Shadybrook. Elevation = 157.83 City Datum

APPROVED AS NOTED BY CITY ENGINEER OF WICHITA

Sanitary Sewers _____
 Storm Sewers VRH 7/28/93
 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.

LEGEND

- Heavy Duty Concrete Pavement (Other Areas Light Duty)
- Existing Contour (City Datum)
- Finished Contour (Add 100)
- Top of Curb/Flowline (Add 100.00 for City Datum)
- Tree to Remain

A SITE GRADING PLAN
1" = 20'-0"

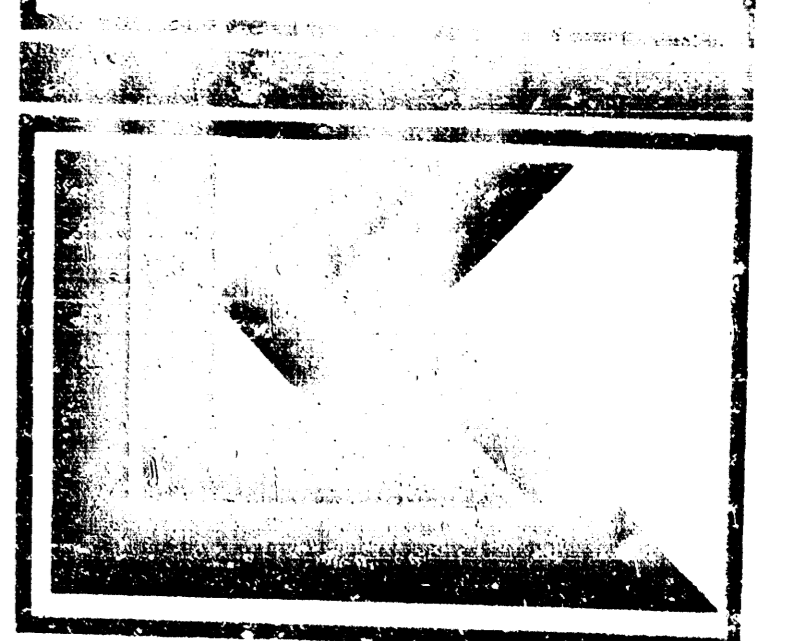
PRINTS ISSUED

DATE	PURPOSE	NO.
7/29/93	FOR OWNER/FINAL	

FOR CONSTRUCTION:

REVISIONS

DATE	ITEM	NO.



LAWKINDON, INC.
 ARCHITECTS & ENGINEERS
 345 RIVERVIEW, WICHITA, KS 67203
 Phone (316) 268-0229 Fax (316) 268-0265
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DRAWN _____ CHECKED _____
 J. Lang

N.E. NEIGHBORHOOD
 POLICE STATION

PROJECT NUMBER 32720

KEY PLAN

SITE GRADING PLAN

SHEET TITLE SHEET NUMBER

SG-1
OF 4 SHEETS

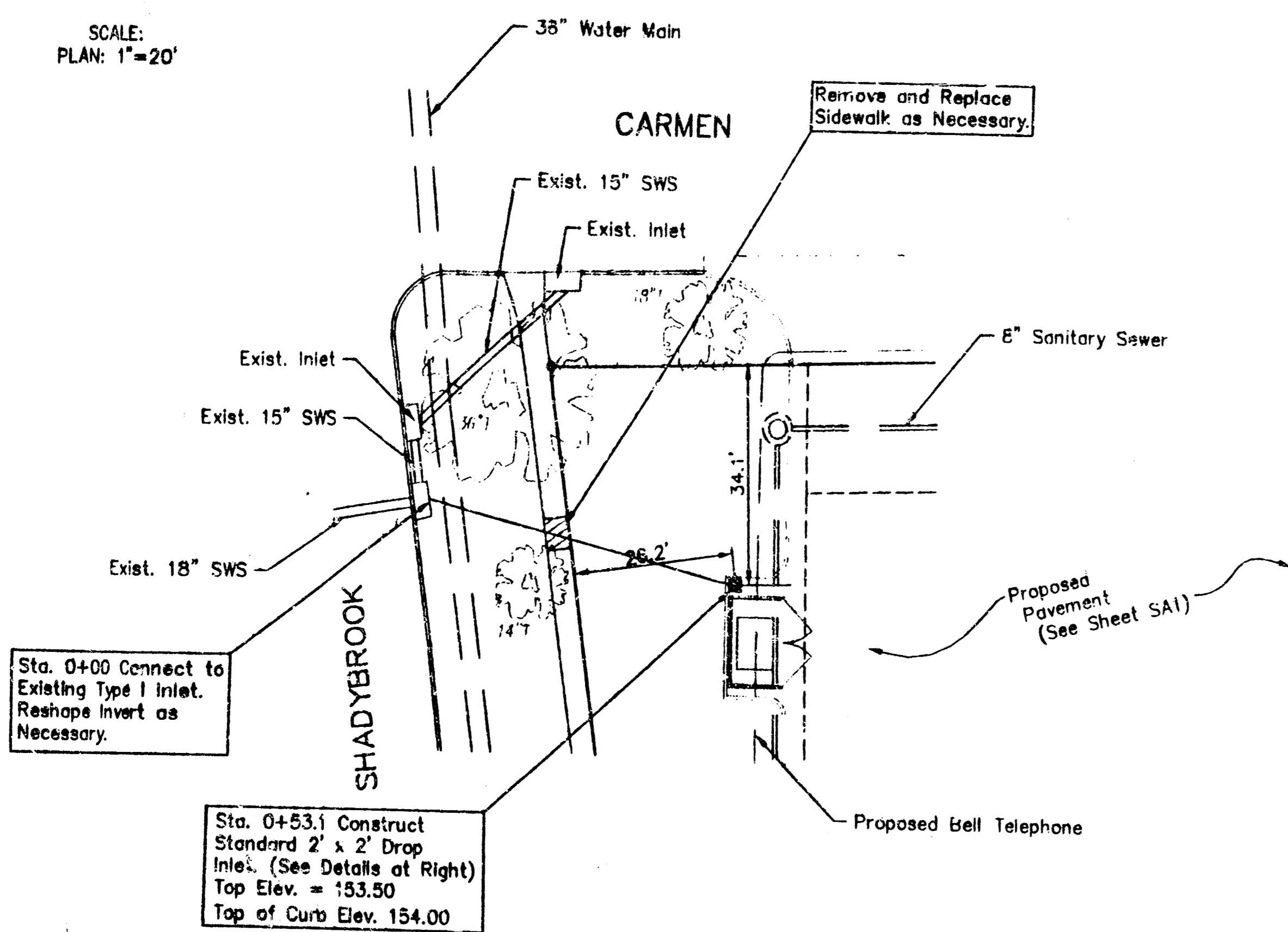
SRB 841 SOUTH HILLSIDE WICHITA KANSAS 67211 316-652-7754 FAX 852-7832

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

CITY OF WICHITA PRIVATE
 PROJECT NO: 403PPS (607861)

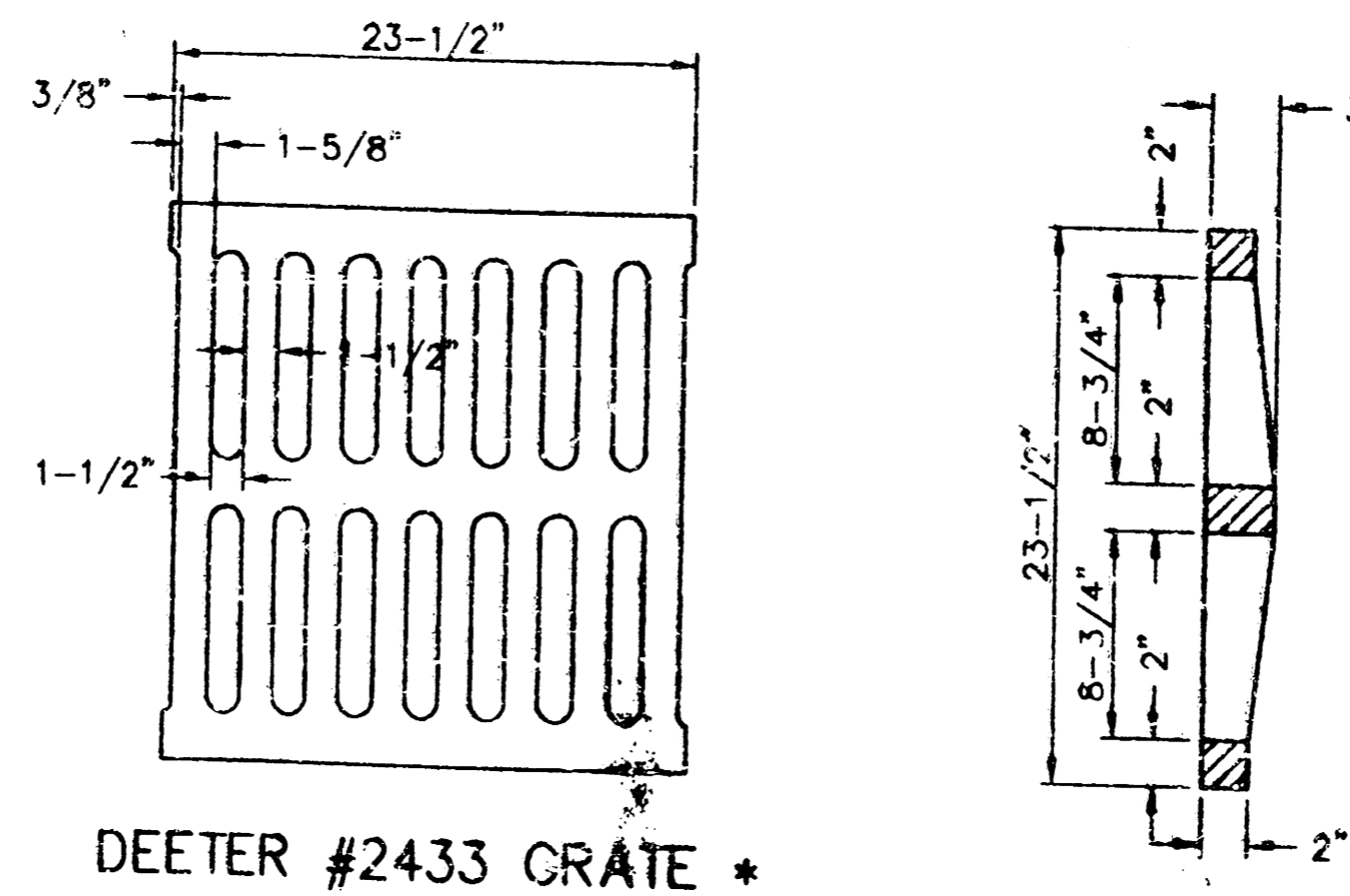
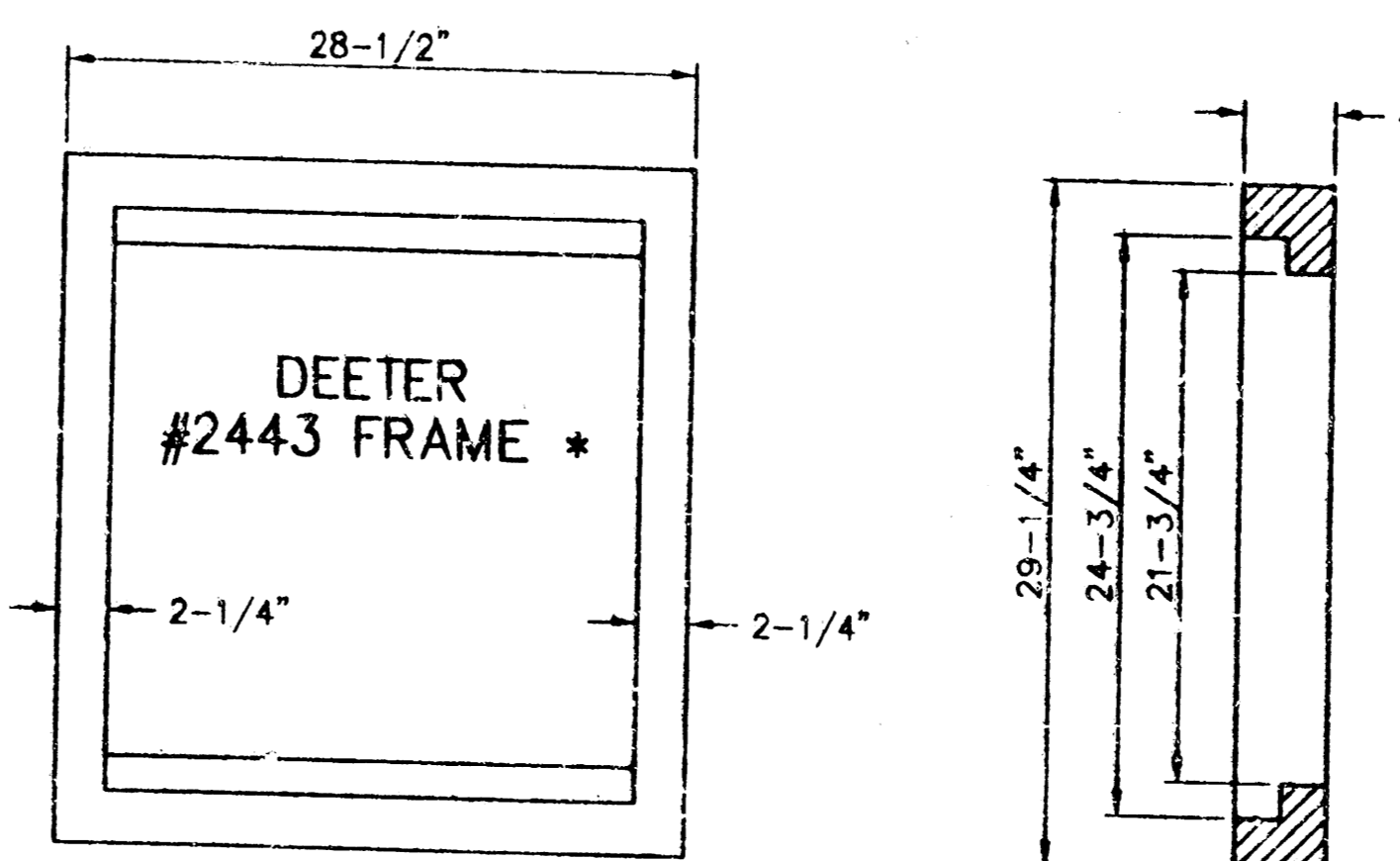
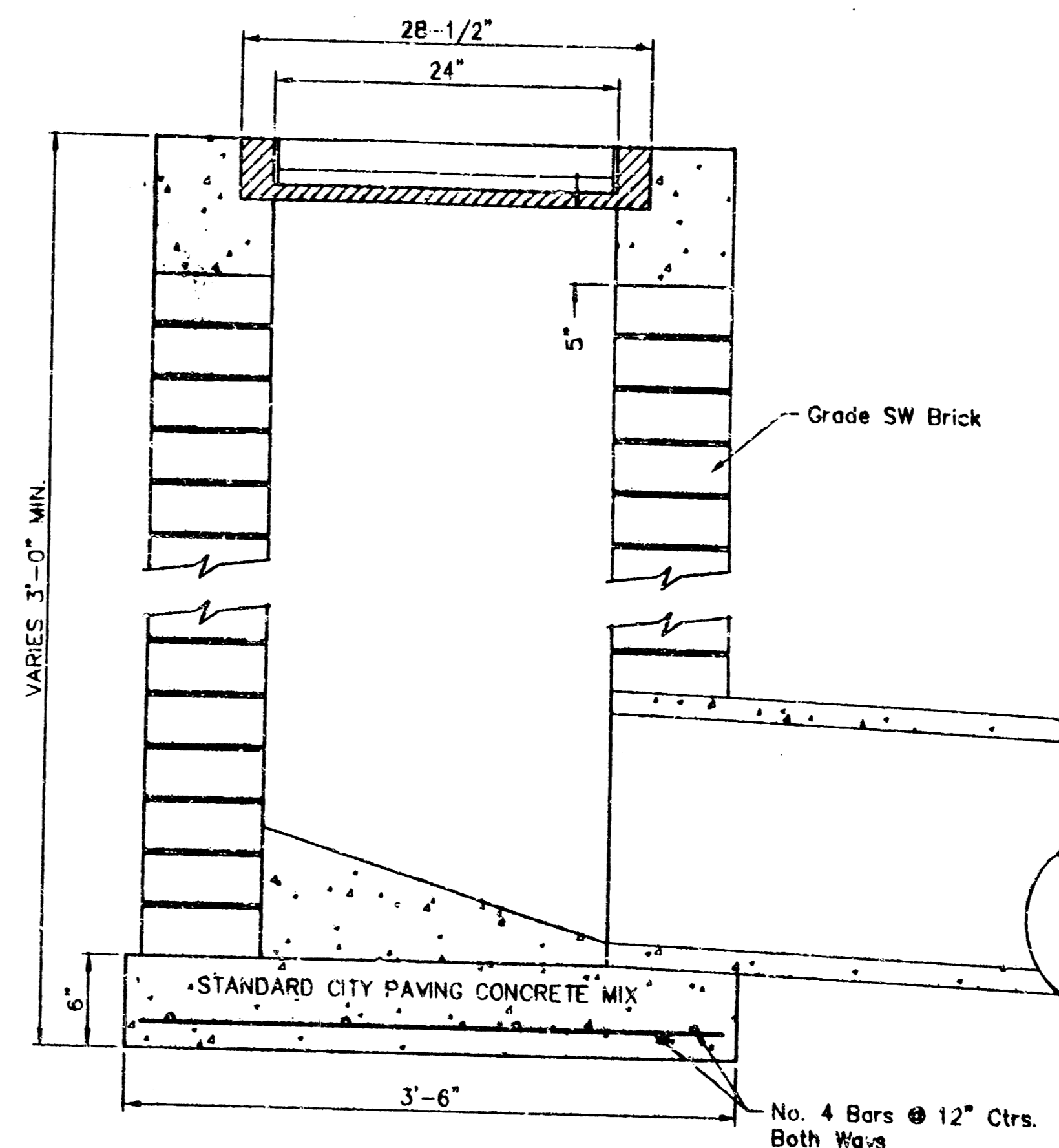
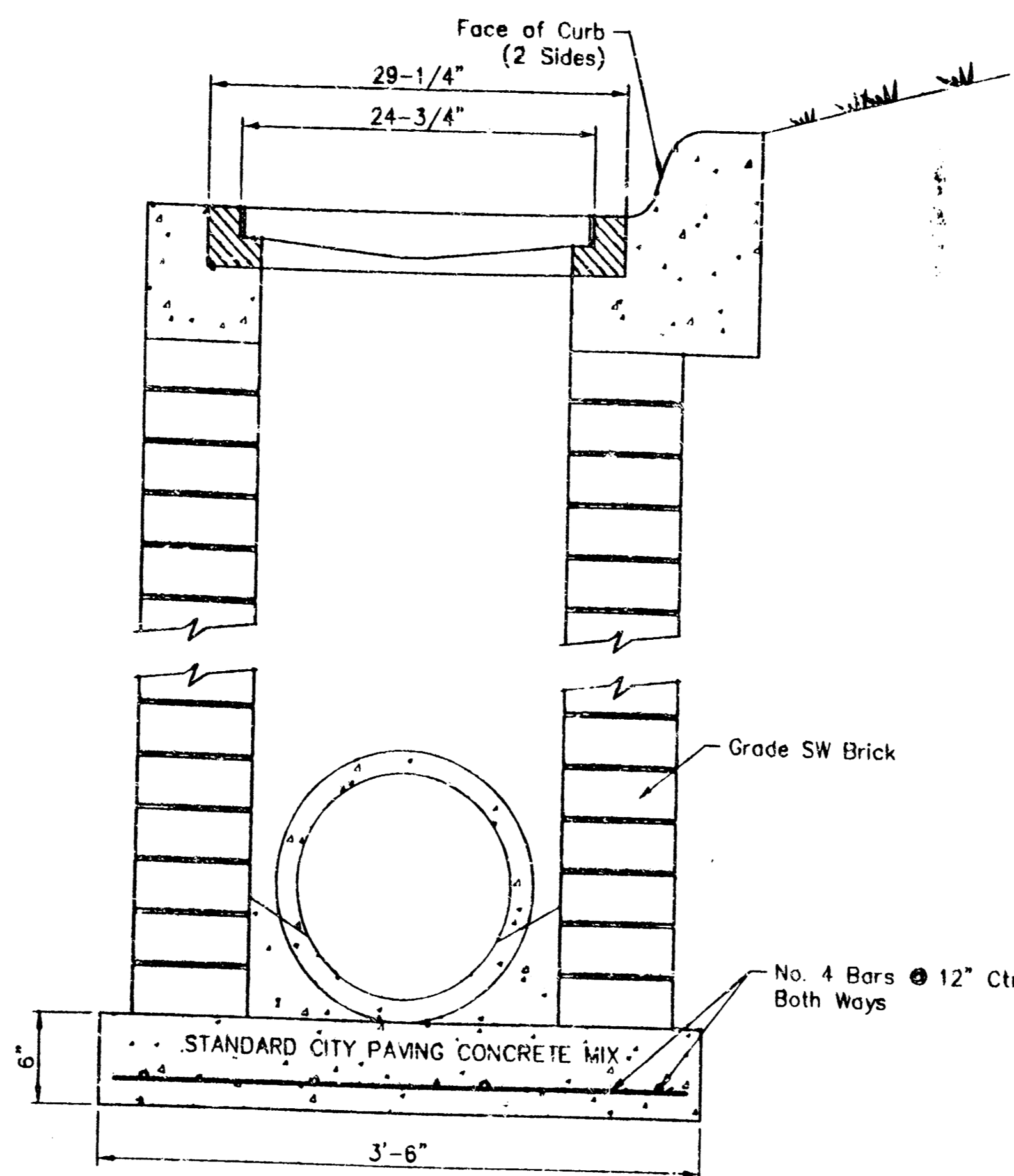
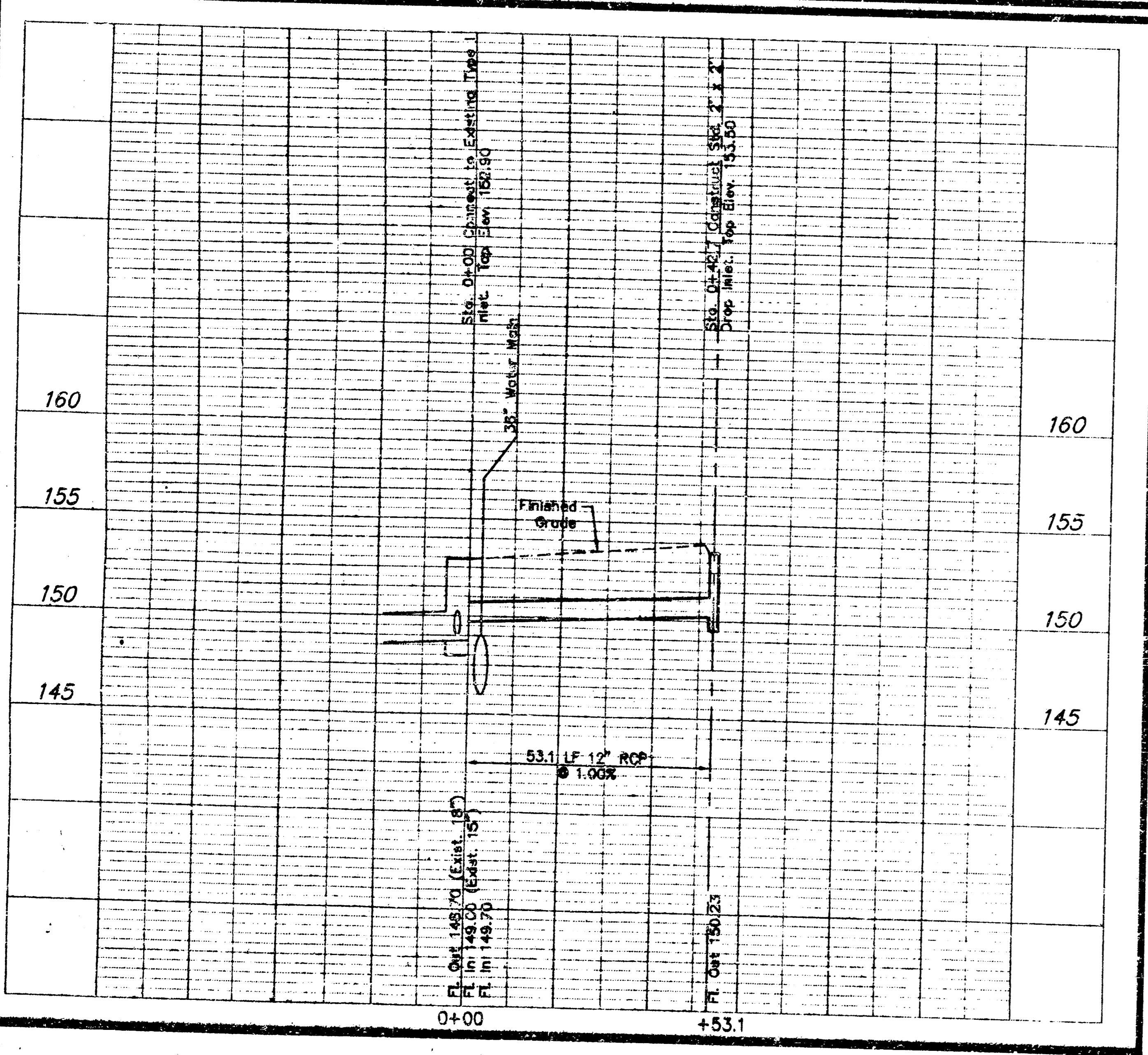
SRB

SCALE:
PLAN: 1"=20'



BENCH MARKS:

1. Square cut in top of curb at North end of return at northwest corner of Shadybrook and Carmen. Elevation = 152.00 City Datum
2. "+*" cut at center line of sidewalk on south side of Shadybrook. Elevation = 157.83 City Datum



24" x 24" FRAME AND GRATE DETAIL

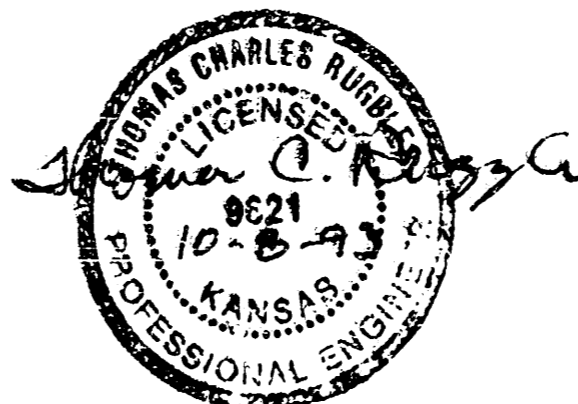
APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA

Sanitary Sewers _____
Storm Sewers VRH 10/8/93
Driveway Approaches _____
Water Mains _____
Paving _____

NOTE TO CONTRACTORS
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Booked 2-75 MGS

As built 10-1-94 JCR



SRB 841 SOUTH HILLSIDE
WICHITA, KANSAS 67203 316-652-7784
FAX 652-7832

SAVOY, RUGGLES & BOHM, P.A.
ENGINEERING & SURVEYING
City of Wichita Project No. 423 PPS (607861)

PRINTS ISSUED		
DATE	PURPOSE	NO.

FOR CONSTRUCTION:		
REVISIONS		
DATE	ITEM	NO.
10/7/93	REVISED INLET LOCATION	1



LAW/KINGDON P.C.
ARCHITECTS & ENGINEERS
345 RIVERVIEW, WICHITA, KS 67203
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DRAWN	CHECKED
J. Long	

**NE NEIGHBORHOOD
POLICE STATION**

PROJECT NUMBER 92720

KEY PLAN

STORM SEWER PROFILE AND
DROP INLET DETAILS

SHEET TITLE
SHEET NUMBER
SG-2
OF _____ SHEETS