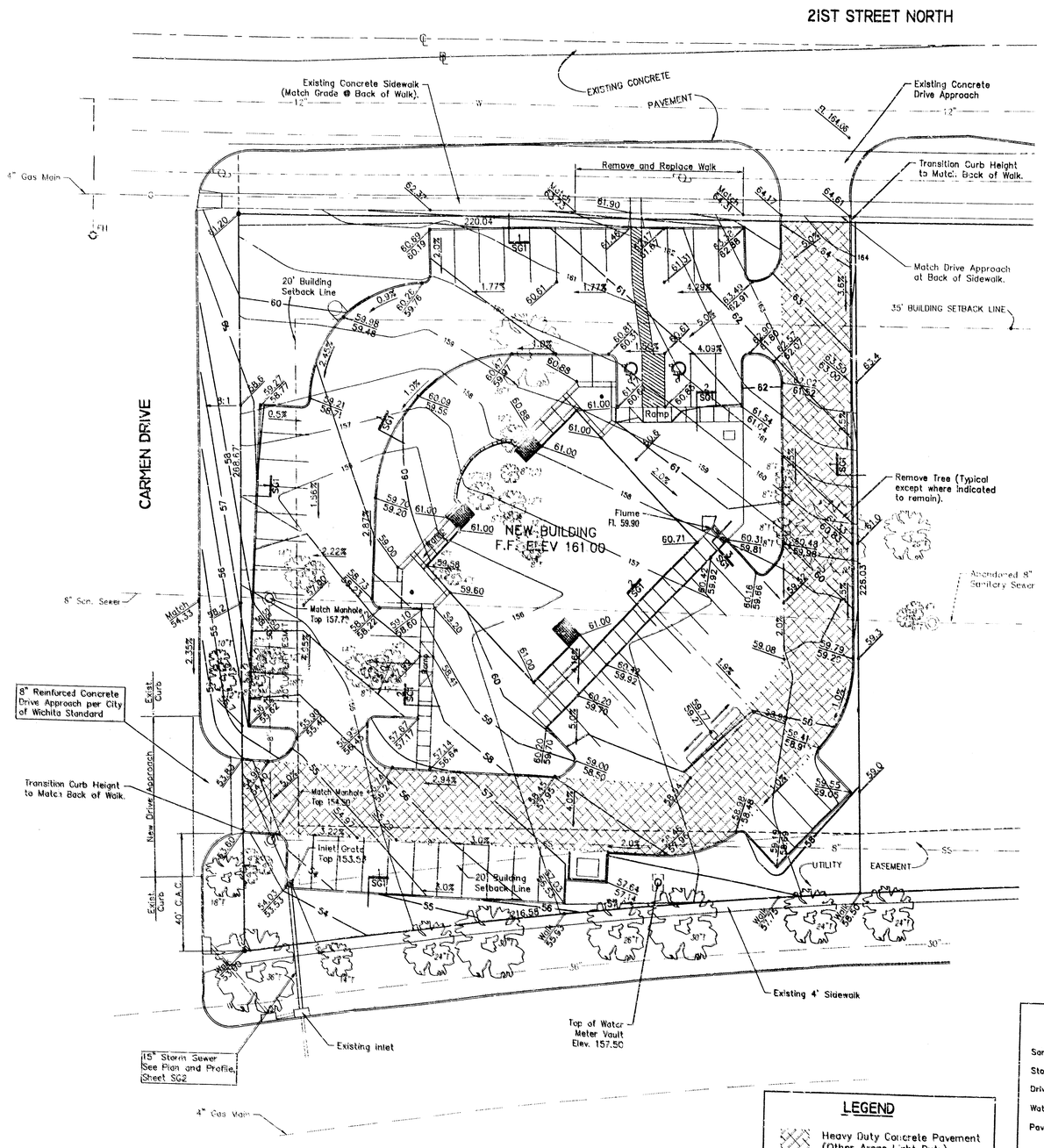
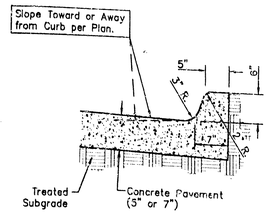


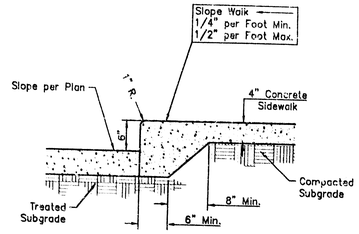
A SITE GRADING PLAN
1" = 20'-0"

LEGEND

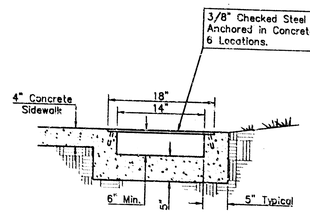
- Heavy Duty Concrete Pavement (Other Areas Light Duty)
- —158— Existing Contour (City Datum)
- —58— Finished Contour (Add 100)
- 57.03 / 57.53 Top of Curb/Flowline (Add 100.00 for City Datum)
- Tree to Remain



MONOLITHIC CURB DETAIL
NO SCALE



2 INTEGRAL CURB DETAIL AT CONCRETE WALK
NO SCALE



3 FLUME DETAIL UNDER WALK
NO SCALE

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 recommenced without written authorization by the City Engineer.

DRAINAGE CALCULATIONS

D.A. = 1.19 Acres
Q5 = 0.78x 6.53 x 1.19 = 6.1 cfs
Q100 = 0.89x 10.32x 1.19 = 10.9 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 in = 0.6x A (2gh)*1/2, h = 0.8'
Inlet capacity = 5.5 cfs; use 15" pipe.
Overflow through driveway.

BENCH MARKS:

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

SRB 841 SOUTH HILLSIDE WICHITA, KANSAS 67211 316-652-7754 FAX 652-7832
SAVOY, RUGGLES & BOHM, P.A.
ENGINEERING & SURVEYING

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

PRINTS ISSUED

DATE	PURPOSE	NO.
7/30/93	FOR OWNER/FINAL	

FOR CONSTRUCTION:

REVISIONS

DATE	ITEM	NO.

LAWKINGDON, INC.
ARCHITECTS & ENGINEERS
345 RIVERVIEW, WICHITA, KS 67203
Phone (316) 263-0230 Fax (316) 263-0205
Copyright © 1983

THOMAS CHARLES BOHM LICENSED 9821 7-28-93 KANSAS PROFESSIONAL ENGINEER

DRAWN	CHECKED
J. Long	

N.E. NEIGHBORHOOD
POLICE STATION

PROJECT NUMBER 92720

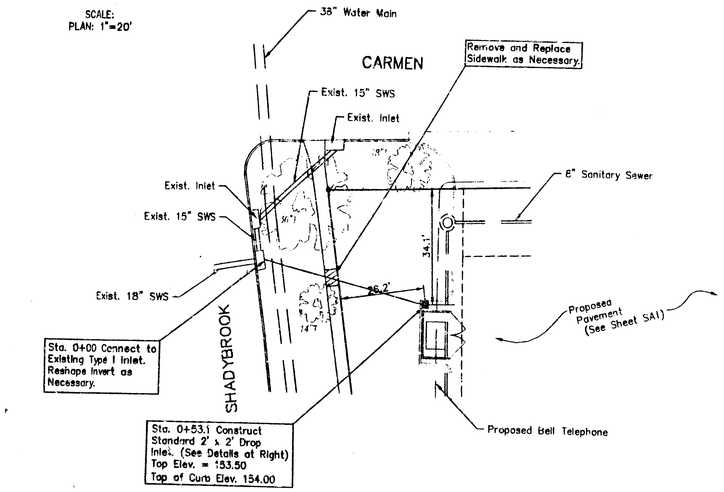
KEY PLAN

SITE GRADING PLAN
SHEET TITLE

SHEET NUMBER
SG-1
OF 4 SHEETS

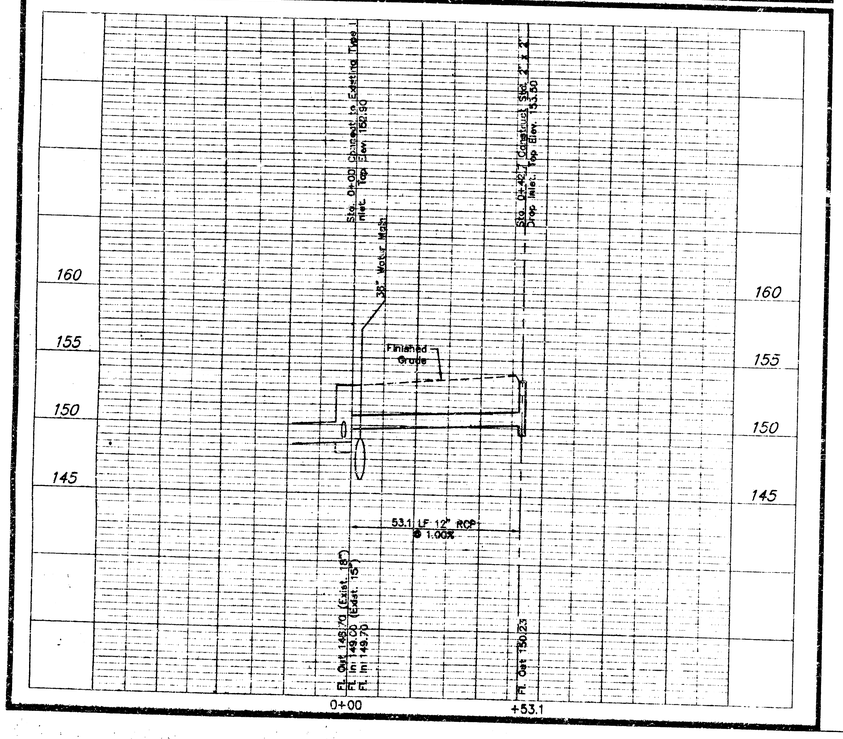
SRB

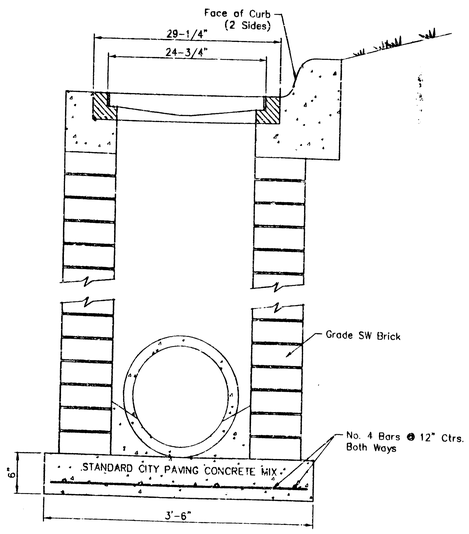
SCALE:
PLAN: 1"=20'

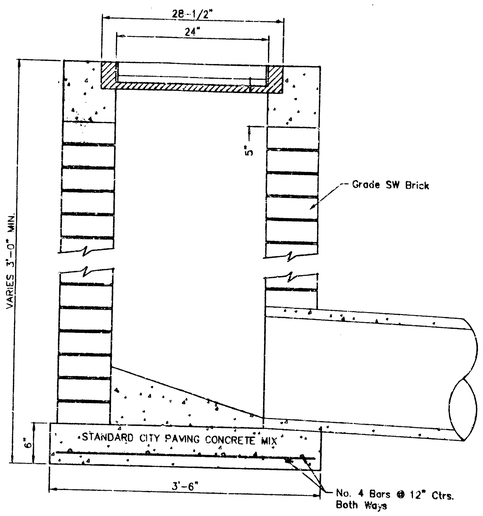


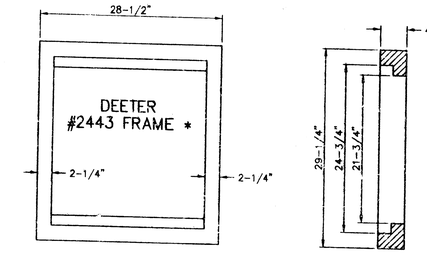
BENCH MARKS:

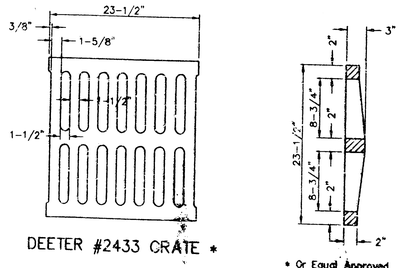
1. Square cut in top of curb at North end of return at northwest Corner of Shadybrook and Carmen. Elevation = 152.00 City Datum
2. "+" cut at center line of sidewalk on south side of Shadybrook. Elevation = 157.83 City Datum











* Or Equal Approved by Engineer.

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

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.

BOOKED C-73 MCG

As built 10-1-94 JCR



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

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

City of Wichita Project No. 403 PPS (607861)

PRINTS ISSUED		
DATE	PURPOSE	NO.

FOR CONSTRUCTION:

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



LAW/KINGDON, P.A.
ARCHITECTS & ENGINEERS
345 RIVERVIEW, WICHITA, KS 67203
Phone (316) 265-0230 Fax (316) 265-0205
Copyright © 1993

DRAWN	CHECKED
J. Lang	

N.E. NEIGHBORHOOD POLICE STATION

PROJECT NUMBER 92720

KEY PLAN

STORM SEWER PROFILE AND DROP INLET DETAILS

SHEET TITLE

SHEET NUMBER SG-2

OF SHEETS