Catholic Diocese of Wichita, Owner
Lot 9, Block 3, 4th Add. to
Pine Valley Estates

N.W. Cor. Lot 9, Block 3, 4th Add. to Pine Valley Estates

Scale 1"=20'

491.22'

192.27

191.57

192.27

192.42

193.5

192.57

192.27

192.57

Sta. 5+05 Lift Station (See Detail)

12" R.C.P.

City Standard Drop Inlet 2-24" x 24" Grates

20' Alley

Part of Lot 5, Highland Square Add.

Temporary 15' Easement

Proposed 5' Easement

3" San. Sewer

15' Utility Easement

6" P.V.C. FORCE MAIN

512.34'

447.73'

435.92' N 33°51'20"W Property line

Conc. Encasement For Cover

8" San. Sewer

STREET

HWY

30'

Prop. line R/W

NOTE TO CONTRACTOR

This [illegible] be constructed under the supervision of the CITY ENGINEER and conform to the [redacted] code of the CITY OF WICHITA [redacted]

4-22-75

APPROVED AS NOTED
By CITY ENGINEER OF WICHITA
Sanitary Sewers _____
Storm Sewers D. E. S.
Driveway Approaches _____

PLAN
SURVEYED
PLOTTED
GRADES CHECKED
NOTE BOOK
NO.
ALIGNMENT CHECKED
R/T OF WAY CHECKED
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
NOTE BOOK
NO.
ALIGNMENT CHECKED
STRUCTURE NOTATNS. CHKD
BY
DATE

5+05

Finished Grade

Existing Grade

Foundation Drain Fl. in 188.0

Brm. Elev. 186.0

Pl. Discharge 188.72

Force Main
505 L.F. 6" P.V.C. @ 0.3%
Class 160

78 L.F. Concrete Encasement (Min. 4" Cover on all sides)

Face of Curb

STREET

HWY

Pl. 187.80

Header & Thrust Block (See Detail)

Scale:
1"=5' Vert.
1"=20' Hor.

Note
All Elevations are City Datum

Elev. 186.0

Fl. 186.50

Fl. 186.79

Conc. Inlet

30 L.F. 12" R.C.P. @ 1.5%

195
190
185
195
190
185

5 4 3 2 1 0

PLAN AND PROFILE
PRIVATE STORM SEWER
HIGHLAND SQUARE APARTMENTS
WICHITA, KANSAS

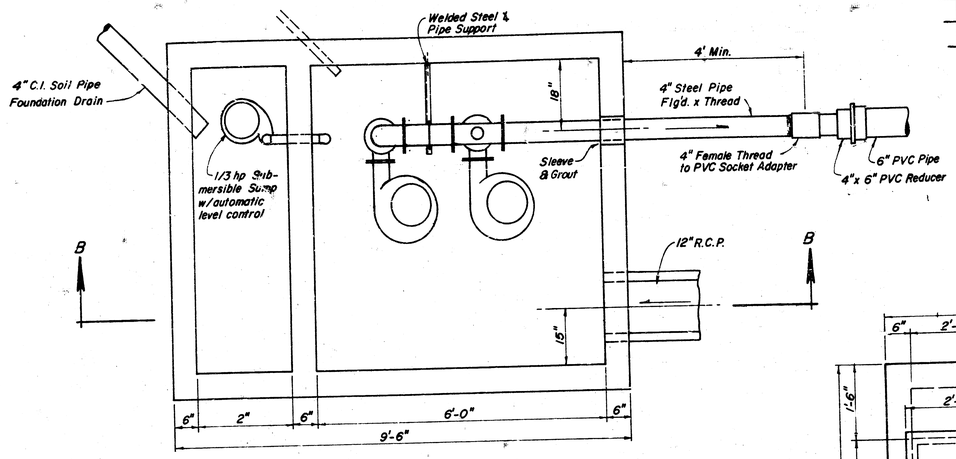
Mahrin & Associates
319 Brown Building
Consulting Engineers
Wichita, Kansas

Sheet 1 of 2

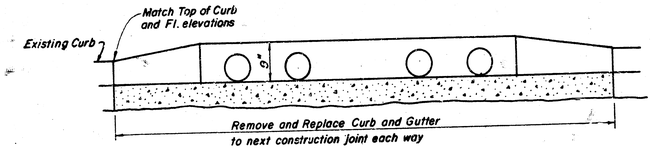
PLATE 1 - PLAN - PROFILE - F.A.s.
BLUEPRINT PAPER CO., S. F. CAL.
NO. 10000-1

1/2 M-25A

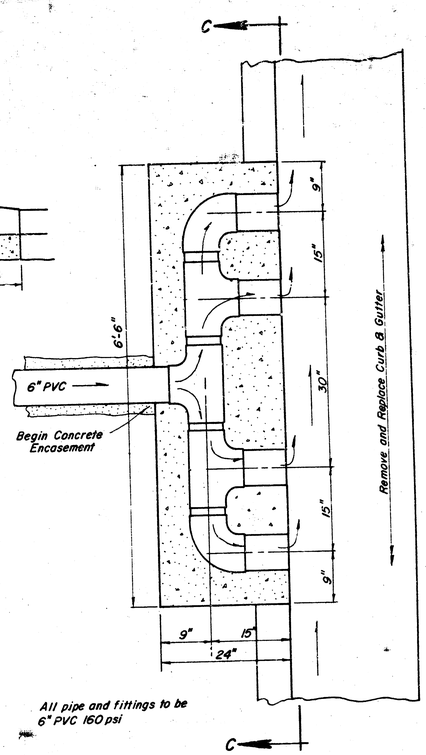
FILMED FROM THE BEST AVAILABLE COPY....



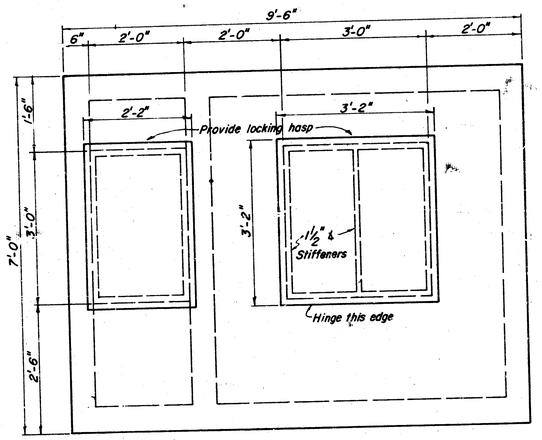
SECTION A-A



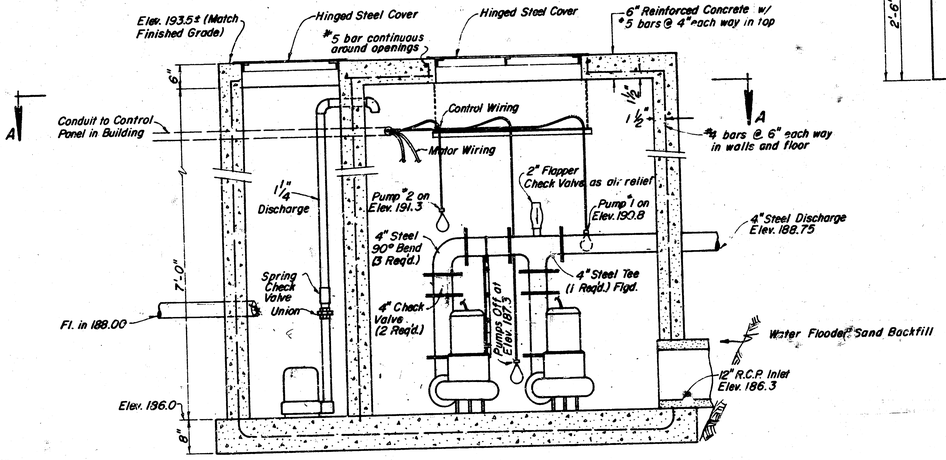
SECTION C-C



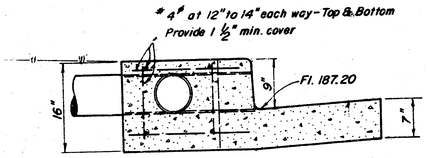
All pipe and fittings to be 6" PVC 160 psi



TOP PLAN



SECTION B-B



DISCHARGE HEADER AND THRUST BLOCK

Construction Notes:

1. Steel discharge piping to be new Schedule 40 pipe and fittings, with 150 lb. welding flanges
2. 4" Check Valves to be "Technocheck Short Form" suitable for between flange mounting, C.I. body, butterfly type with no springs.
3. Pumps to be Peabody-Barnes Modle SEH 502, heavy duty, submersible (or equal). 5 H.P. - 1750 RPM - 230 V.- 3 phase - 60 cycle electric motor driven.

MISCELLANEOUS DETAILS
PRIVATE STORM SEWER

HIGHLAND SQUARE APARTMENTS
WICHITA, KANSAS

Moshring & Associates
314 Brown Building

Consulting Engineers
Wichita, Kansas

Sheet 2 of 2

2/2

11-25

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