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

B.M. 191.75 Spike west side Transformer Pole at intersection of N.S. & E.W. Alleys.

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

Scale 1"=20'

491.22'

Temporary 15' Easement

Proposed 5' Easement

512.34'

6" P.V.C. FORCE MAIN

Conc. Encasement For Cover

STREET

132.27

191.97

192.27

192.42

192.60

Sta. 5+05
Lift Station
(See Detail)

8" San. Sewer

447.73'

435.92' N 33°51'20"W Property line

8" San. Sewer

Part of Lot 5,
Highland Square Add.

193.5

12" R.C.P.

192.57

20'

20'

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

16' Utility Easement

192.27

192.57

20' Alley

Prop. line
R/W

30'

6

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

4-22-75

NOTE TO CONTRACTOR

This project will be constructed under the supervision of the CITY ENGINEER and conforming to the [redacted] code of the CITY OF WICHITA [redacted]

[redacted]

195
190
185

Finished Grade

Existing Grade

Foundation drain
Fl. in 186.0

Rim Elev 186.0

Pr. Discharge 186.72

Force Main
305 L.F. 6" PVC @ 0.5%
Class 160

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

Header & Thrust Block
(See Detail)

4 - 22.5 Bends

Face of Curb

STREET

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

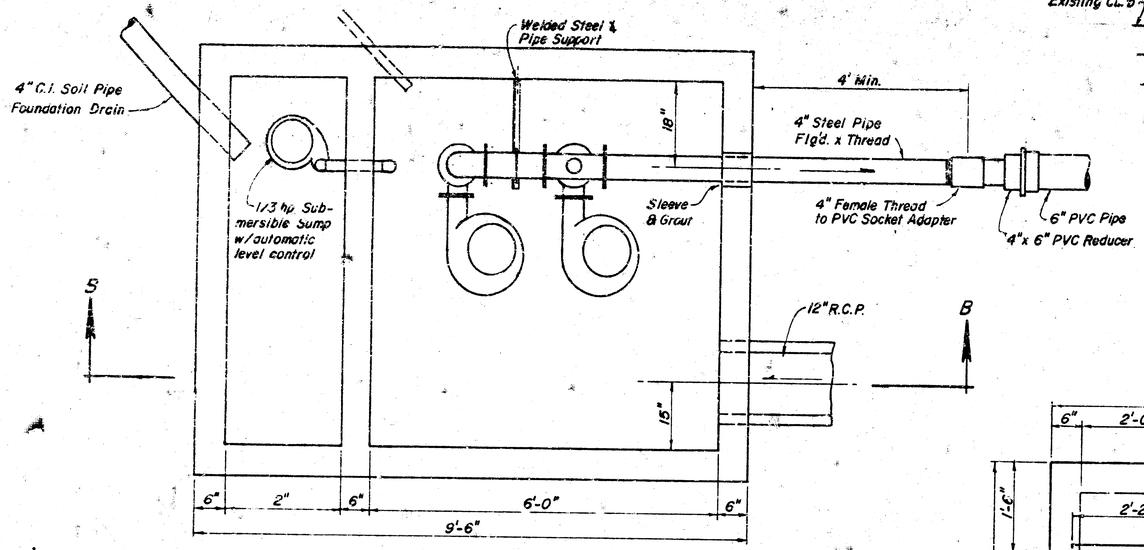
Note:
All Elevations are
City Datum

Sta. 4+91.22
Fl. in 186.35

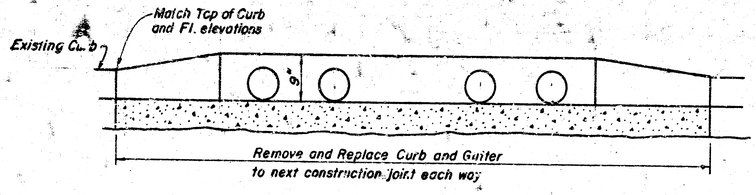
30' L.F.
12" R.C.P.
@ 15%

Sta. 4+91.22
Fl. in 186.72

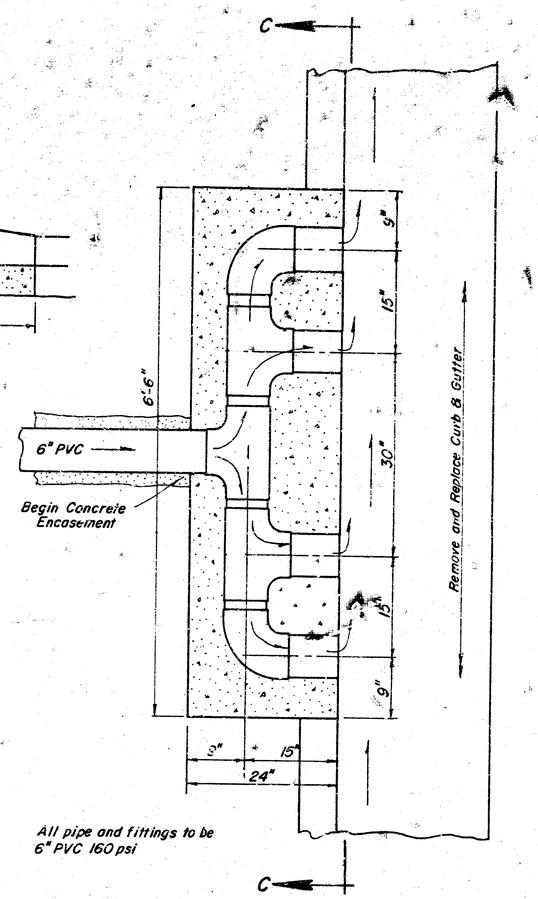
PLAN AND PROFILE
PRIVATE STORM SEWER
HIGHLAND SQUARE APARTMENTS
WICHITA, KANSAS



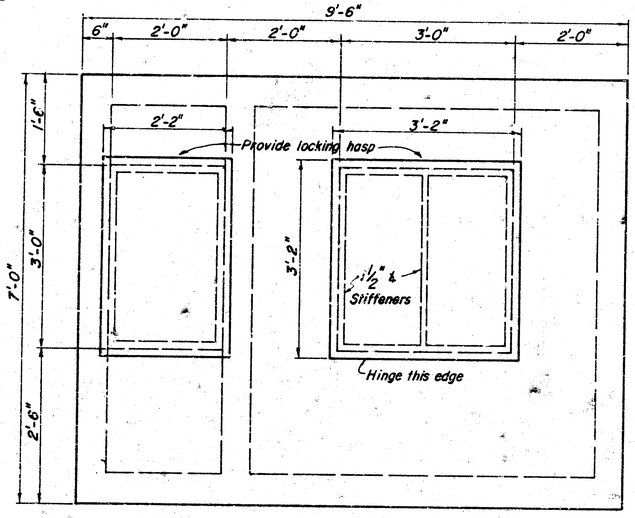
SECTION A-A



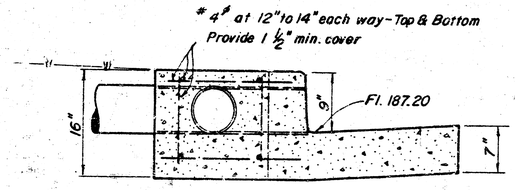
SECTION C-C



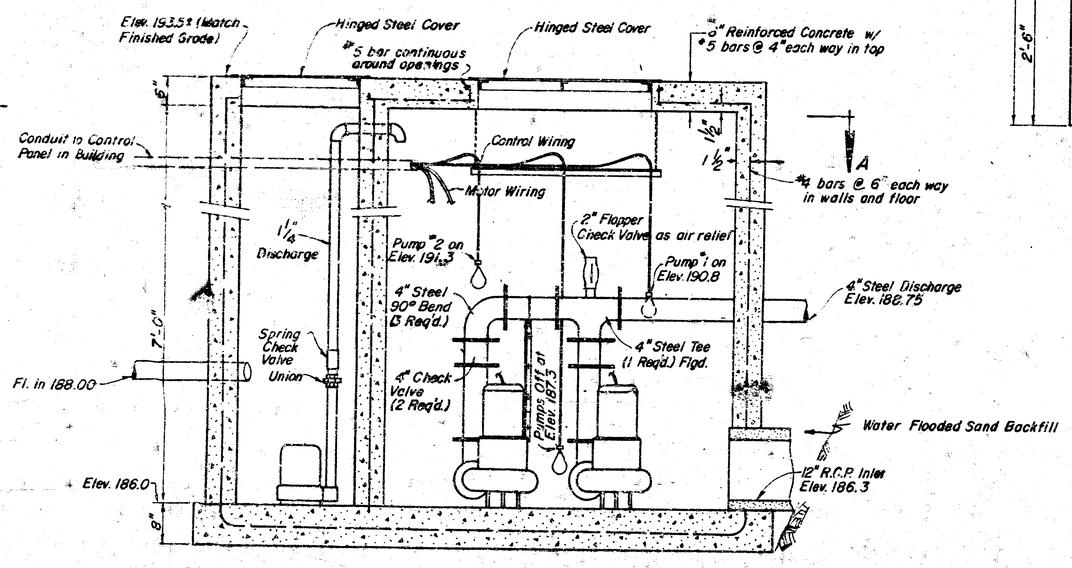
All pipe and fittings to be
6" PVC 160 psi



TOP PLAN



DISCHARGE HEADER
AND THRUST BLOCK



SECTION B-B

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 R.P.M - 230 V. - 3 phase - 60 cycle electric motor driven.

MISCELLANEOUS DETA
PRIVATE STORM SEW