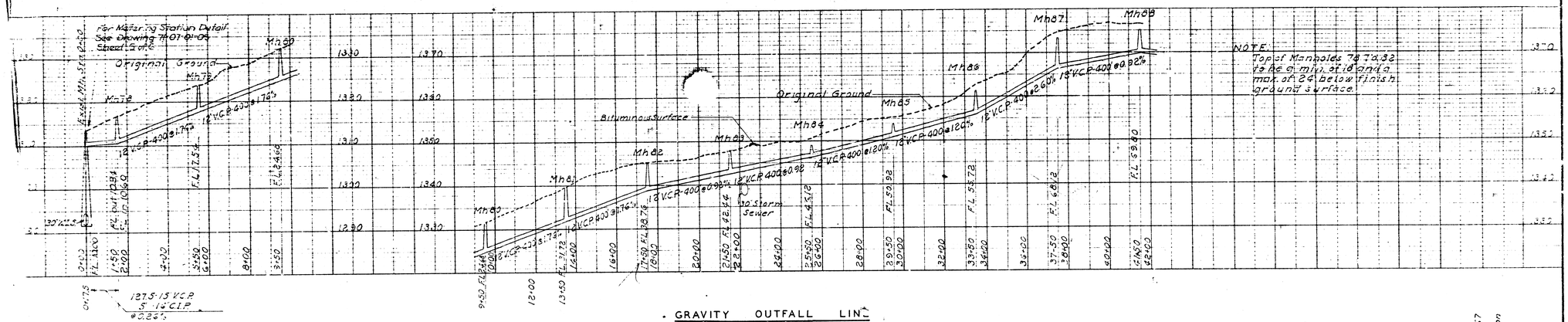
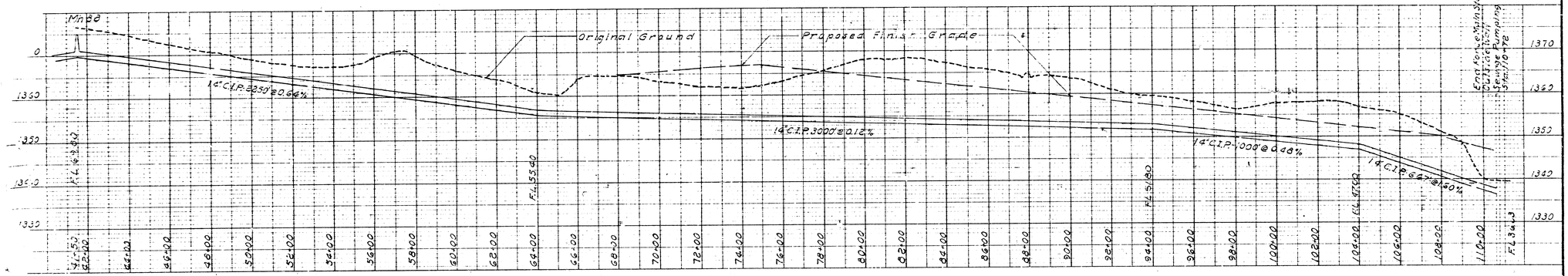
CORPS OF ENGINEERS

U.S. ARMY





SCALE HORIZ 1 INCH = 200 FEET
VERT 1 INCH = 10 FEET

SYMBOL	DESCRIPTION	DATE	APPROVAL
	REVISIONS		

MURRAY WILSON & ASSOCIATES
ARCHITECTS - ENGINEERS WICHITA KAN.

CORPS OF ENGINEERS U.S. ARMY
OFFICE OF THE DISTRICT ENGINEER
KANSAS CITY DISTRICT
KANSAS CITY, MO.

WICHITA A.F.B. WICHITA, KAN.

UNDERGROUND UTILITIES
SANITARY SEWER SYSTEM
FORCE MAIN & OUTFALL
PROFILES

DRAWN BY	R.E.C.
TRACED BY	E.P.
CHECKED BY	L.T.H.
SUBMITTED	Murray Wilson
APPROVED CHIEF DESIGN BRANCH	
APPROVED	Louis A. Feib, CHIEF ENGINEERING DIVISION — DATE 2 JULY 1951
APPROVED	L.J. Lincoln, CHIEF, E.P. DISTRICT ENGINEER
SCALE	AS NOTED
DRAWING NUMBER	71-07-01-01
SHEET	1 OF 6

CORPS OF ENGINEERS

U. S. ARMY

Sta 0+00

Sewage Metering Station

Test Hole 94

Test Hole 63

Test Hole 65

Test Hole 67

Test Hole 69

Test Hole 71

Test Hole 72

Test Hole 73

Test Hole 74

Test Hole 75

Test Hole 76

Mh No 78

Mh No 79

Mh No 80

Mh No 81

Mh No 82

Mh No 83

Mh No 84

Mh No 85

Mh No 86

Mh No 87

Mh No 88

8" Steel Pipe To Sewage Metering Station

Note:
All trench backfill not to be compacted will be thouroughly flushed with water.

Sta 12+00 ± Install Air Release Assembly

Sta 16+00 ± Install Air Release Assembly

30" Storm Sewer

Sta 23+10 to Sta 33+35
Encase Sanitary Sewer Line
See Detail This Sheet ①

328.31'

Sta 0+00
On Water Main ℄

Existing 16" Water Main

Install Gate Valve

Connect to Wichita Water Co. metering station

24" War Industries Sewer

Insulated Steel Pipe on Bridge
See Detail, Dwg No. 71-08-01-05 Sheet 5 of 5

12" CAST IRON WATER MAIN

D/W 30 ℄

Bituminous Surface

D/W 30 ℄

PAWNEE ROAD

GUEST

Cessna Aircraft Plant

Soil Runway

Sod Runway

Sod Runway

Easement 25' Sewer ℄

Easement 25' Sewer ℄

Gravity Outfall Line

Force Main

Sta 41+50.00

Sewer & Curve Data
On Easement ℄
P.I. Sta 43+90.40
Δ = 34°45'
D = 10°00'
T = 179.05
L = 346.67
R = 573.69

PC Sta 42+11.35

PT Sta 45+58.02

Sta 59+98.65 on Sewer ℄
Coordinate N170+00 E111+00
See Sheet 5 or 20

Air Base Property Line

N 170

E 110

Sta 85+02 ± On Water Main ℄

T27S
T28S

R1E

R2E

W & CE

8"

8"

2"

Concrete

Sewer Pipe

SANITARY SEWER
ENCASEMENT DETAIL ①
Scale 1"=1'-0"

LEGEND

- EXISTING WATER LINE
- WATER LINE TO BE CONSTRUCTED UNDER THIS CONTRACT
- EXISTING SANITARY SEWER
- SANITARY SEWER OUTFALL LINE TO BE CONSTRUCTED UNDER THIS CONTRACT
- SANITARY SEWER FORCE MAIN TO BE CONSTRUCTED UNDER THIS CONTRACT
- EXISTING GAS LINE
- EXISTING TELEPHONE LINE
- EXISTING POWER LINE

Bench Mark
Iron Pin at N 170+00
& E 110+00. Elevation 1367.77

Bench Mark
Center Manhole Station 0+00
Elevation 1311.03

SCALE 1 INCH = 200 FEET

200 100 0 200 400 600

① SANITARY SEWER ENCASEMENT ADDED C.O. #1 9-1-51 M.A.W.

MURRAY WILSON & ASSOCIATES
ARCHITECTS ENGINEERS WICHITA, KAN.

CORPS OF ENGINEERS U.S. ARMY
OFFICE OF THE DISTRICT ENGINEER
KANSAS CITY DISTRICT
KANSAS CITY, MO.

DRAWN E.P.
TRACED E.P.
CHECKED E.V.E.
SUBMITTED

WICHITA A.F.B. WICHITA, KAN.

UNDERGROUND UTILITIES
WATER SUPPLY LINE & SANITARY SEWER OUTFALL
LAYOUT PLAN

APPROVED Louis J. Feil 2 JULY 1951

APPROVED L.J. Lincoln

SCALE AS SHOWN

71-08-01-04

SHEET 4 OF 20