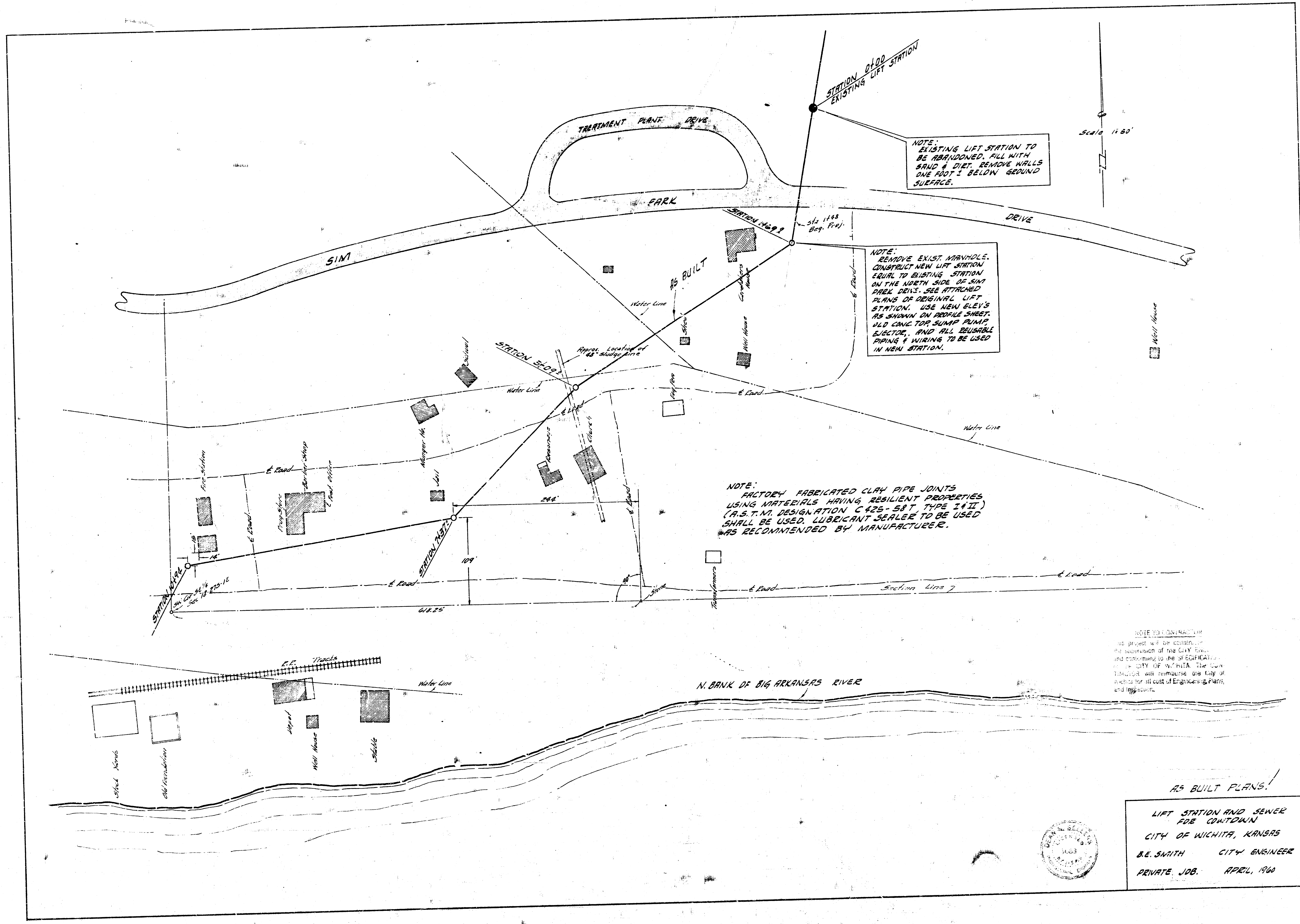

STATION 0+00
EXISTING LIFT STATION
TREATMENT PLANT DRIVE
SIM PARK DRIVE
STATION 1+69.2
Sta 1+48
Beg. Proj.
AS BUILT
Water Line
Caretakers House
Shed
Well House
STATION 5+09.2
Approx. Location of 48" Sludge Line
School
Munger Ho.
Jail
Fire Station
Barber Shop
Drug Store
Post Office
℄ Road
Parsonage
Church
Ray Pero
Transformers
Stone
90°
244'
109'
14'
15'
618.25'
STATION 7+37.0
STATION 10+94
SW Cor SE 1/4
Sec 18-27S-1E
Section Line
R.R. Tracks
Depot
Well House
Stable
Stock Yards
Old Foundation
N. BANK OF BIG ARKANSAS RIVER
Scale 1"=60'

NOTE:
EXISTING LIFT STATION TO BE ABANDONED. FILL WITH SAND & DIRT. REMOVE WALLS ONE FOOT ± BELOW GROUND SURFACE.

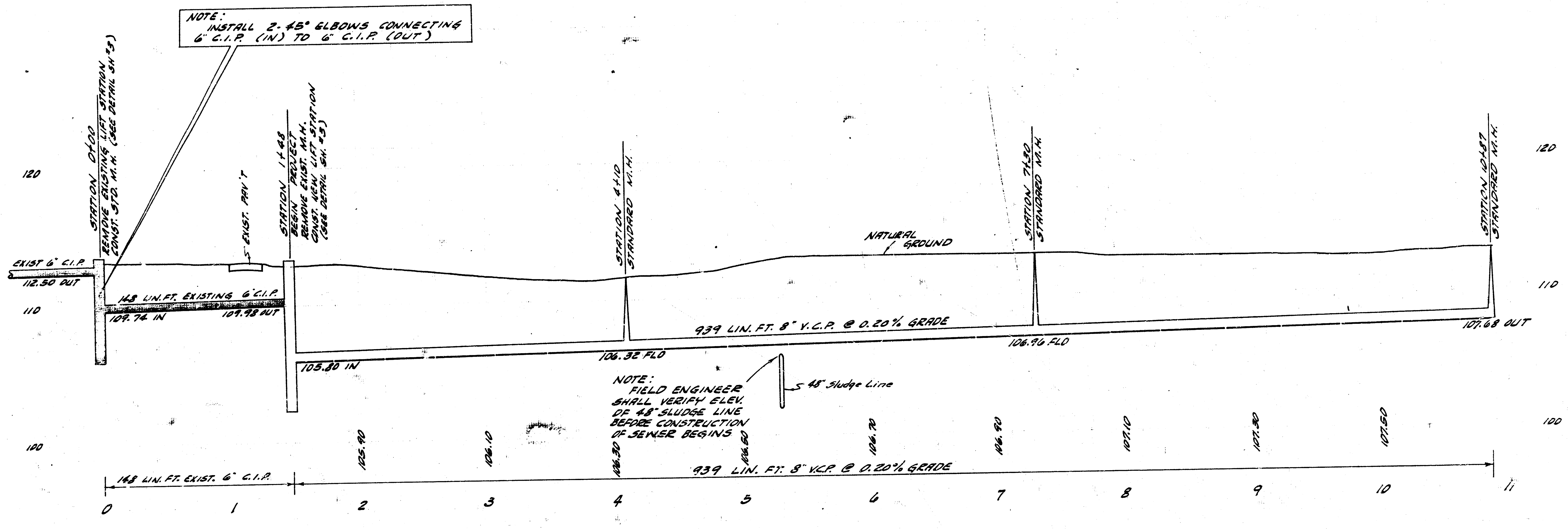
NOTE:
REMOVE EXIST. MANHOLE. CONSTRUCT NEW LIFT STATION EQUAL TO EXISTING STATION ON THE NORTH SIDE OF SIM PARK DRIVE. SEE ATTACHED PLANS OF ORIGINAL LIFT STATION. USE NEW ELEV'S AS SHOWN ON PROFILE SHEET. OLD CONC. TOP, SUMP PUMP, EJECTOR, AND ALL REUSABLE PIPING & WIRING TO BE USED IN NEW STATION.

NOTE:
FACTORY FABRICATED CLAY PIPE JOINTS USING MATERIALS HAVING RESILIENT PROPERTIES (A.S.T.M. DESIGNATION C 425-58T, TYPE I & II) SHALL BE USED. LUBRICANT SEALER TO BE USED AS RECOMMENDED BY MANUFACTURER.

NOTE TO CONTRACTOR
This project will be constructed under the supervision of the CITY ENGINEER and conforming to the SPECIFICATIONS of the CITY OF WICHITA. The CONTRACTOR will reimburse the City of Wichita for all cost of Engineering, Plans, and Inspection.

AS BUILT PLANS!

LIFT STATION AND SEWER
FOR COWTOWN
CITY OF WICHITA, KANSAS
B.E. SMITH CITY ENGINEER
PRIVATE JOB. APRIL, 1960

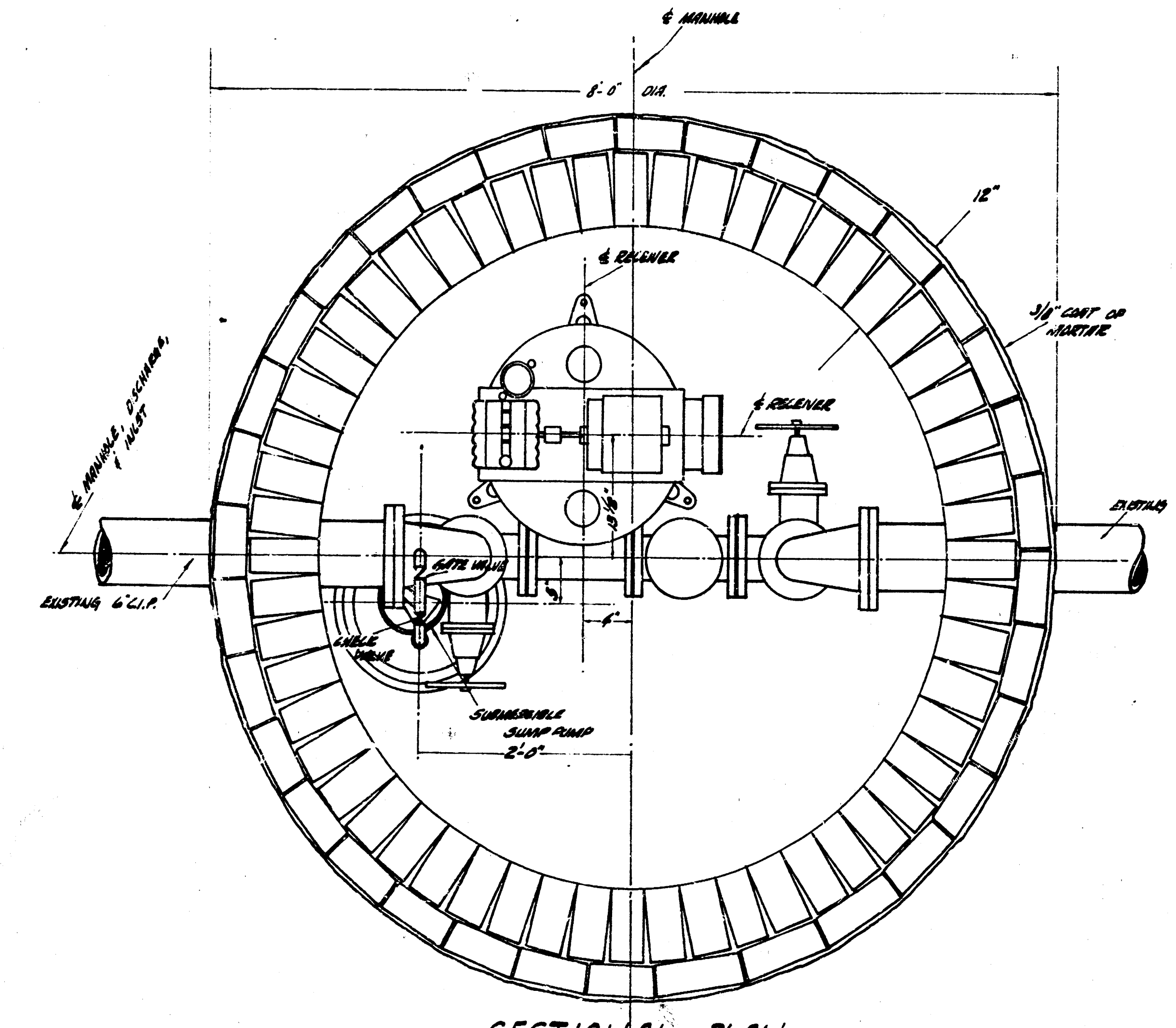


NOTE:
INSTALL 2-45° ELBOWS CONNECTING
6" C.I.P. (IN) TO 6" C.I.P. (OUT)

NOTE:
FIELD ENGINEER
SHALL VERIFY ELEV.
OF 48" SLUDGE LINE
BEFORE CONSTRUCTION
OF SEWER BEGINS

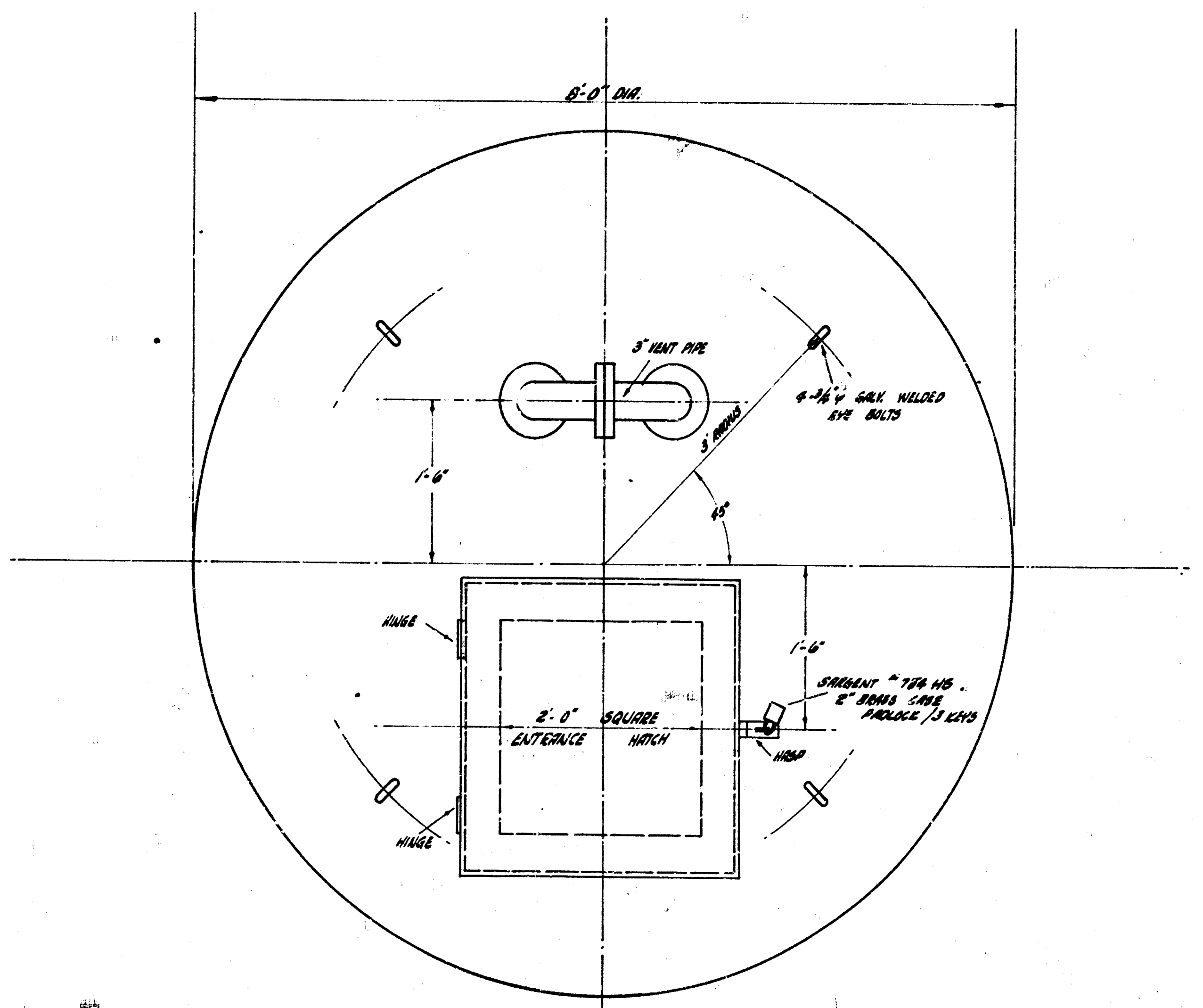
STATION 0+00
REMOVE EXISTING LIFT STATION
CONST. STD. M.H. (SEE DETAIL SH #5)
EXIST. PAV'T
STATION 1+48
BEGIN PROJECT
REMOVE EXIST. M.H.
CONST. NEW LIFT STATION
(SEE DETAIL SH. #5)
STATION 4+10
STANDARD M.H.
STATION 7+30
STANDARD M.H.
STATION 10+87
STANDARD M.H.
NATURAL GROUND
EXIST 6" C.I.P.
112.50 OUT
148 LIN. FT. EXISTING 6" C.I.P.
109.74 IN
109.98 OUT
105.80 IN
106.32 FLO
939 LIN. FT. 8" V.C.P. @ 0.20% GRADE
106.96 FLO
107.68 OUT
48" Sludge Line
120
110
100
105.90
106.10
106.30
106.50
106.70
106.90
107.10
107.30
107.50
148 LIN. FT. EXIST. 6" C.I.P.
939 LIN. FT. 8" V.C.P. @ 0.20% GRADE
0
1
2
3
4
5
6
7
8
9
10
11

LIFT STATION & SEWER FOR COWTOWN
PRIVATE JOB.


℄ MANHOLE
8'-0" DIA.
12"
℄ RELEVER
3/8" COAT OF MORTAR
℄ RELEVER
℄ MANHOLE, DISCHARGE, & INLET
EXISTING 6" C.I.P.
EXISTING 6" C.I.P.
GATE VALVE
ANGLE VALVE
13 1/2"
9"
4"
SUBMERSIBLE SUMP PUMP
2'-0"

SECTIONAL PLAN

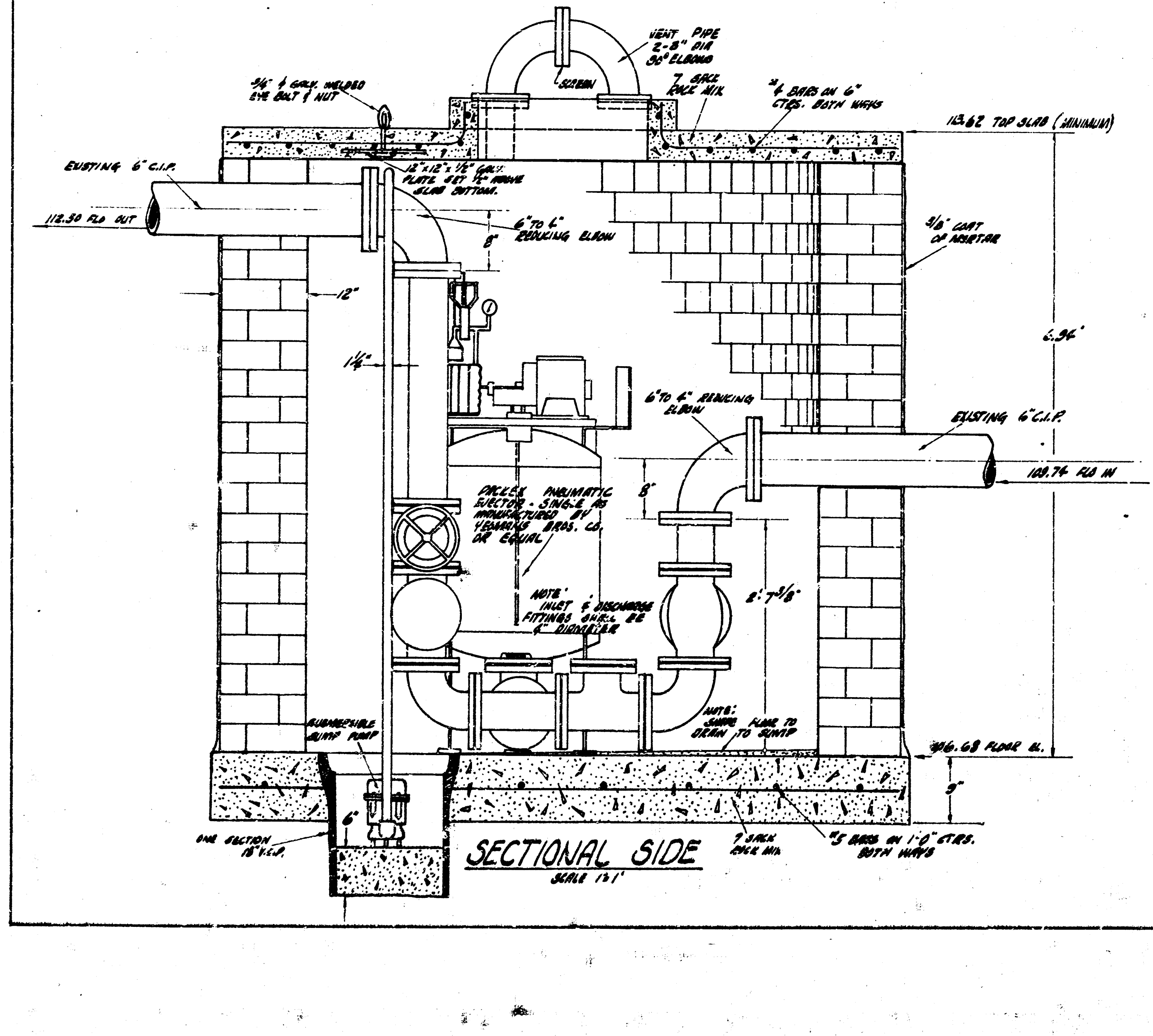
SCALE 1"=1'


8'-0" DIA.
3" VENT PIPE
4-3/4" ⌀ GALV. WELDED EYE BOLTS
3' RADIUS
45°
1'-6"
1'-6"
HINGE
HINGE
2'-0" SQUARE ENTRANCE HATCH
SARGENT # 784 HS. 2" BRASS CASE PADLOCK / 3 KEYS
HASP

TOP

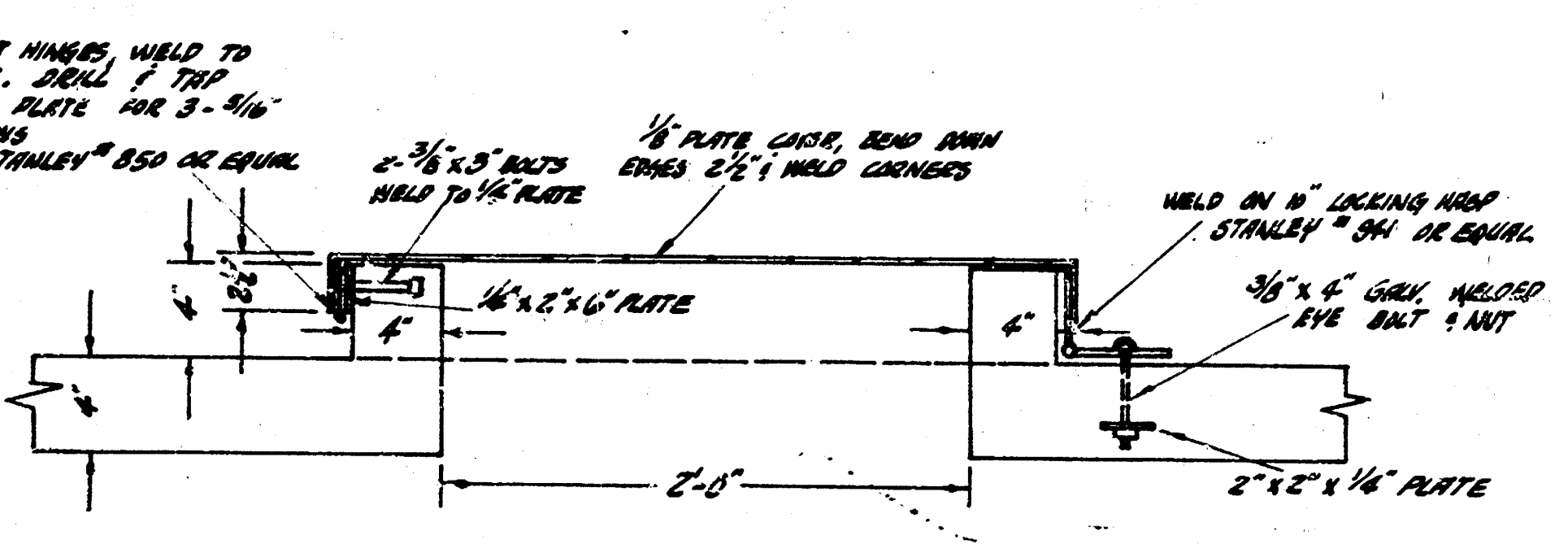
SCALE 1"=1'

DRAWN BY - T. DENEY
CHECKED BY -
DATE -


VENT PIPE 2-3" DIA 90° ELBOWS
SCREEN
3/4" ⌀ GALV. WELDED EYE BOLT & NUT
7 SACK ROCK MIX
#4 BARS ON 6" CTRS. BOTH WAYS
113.62 TOP SLAB (MINIMUM)
EXISTING 6" C.I.P.
12"x12"x1/2" GALV. PLATE SET 1/2" ABOVE SLAB BOTTOM.
112.50 FLO OUT
6" TO 4" REDUCING ELBOW
8"
3/8" COAT OF MORTAR
12"
1 1/4"
6.94'
6" TO 4" REDUCING ELBOW
EXISTING 6" C.I.P.
109.74 FLO IN
8"
DICKEY PNEUMATIC EJECTOR - SINGLE AS MANUFACTURED BY YEOMANS BROS. CO. OR EQUAL
NOTE: INLET & DISCHARGE FITTINGS SHALL BE 4" DIAMETER
2'-7 3/8"
SUBMERSIBLE SUMP PUMP
NOTE: SLOPE FLOOR TO DRAIN TO SUMP
106.68 FLOOR EL.
9"
6"
ONE SECTION 18" V.C.P.
7 SACK ROCK MIX
#5 BARS ON 1'-0" CTRS. BOTH WAYS

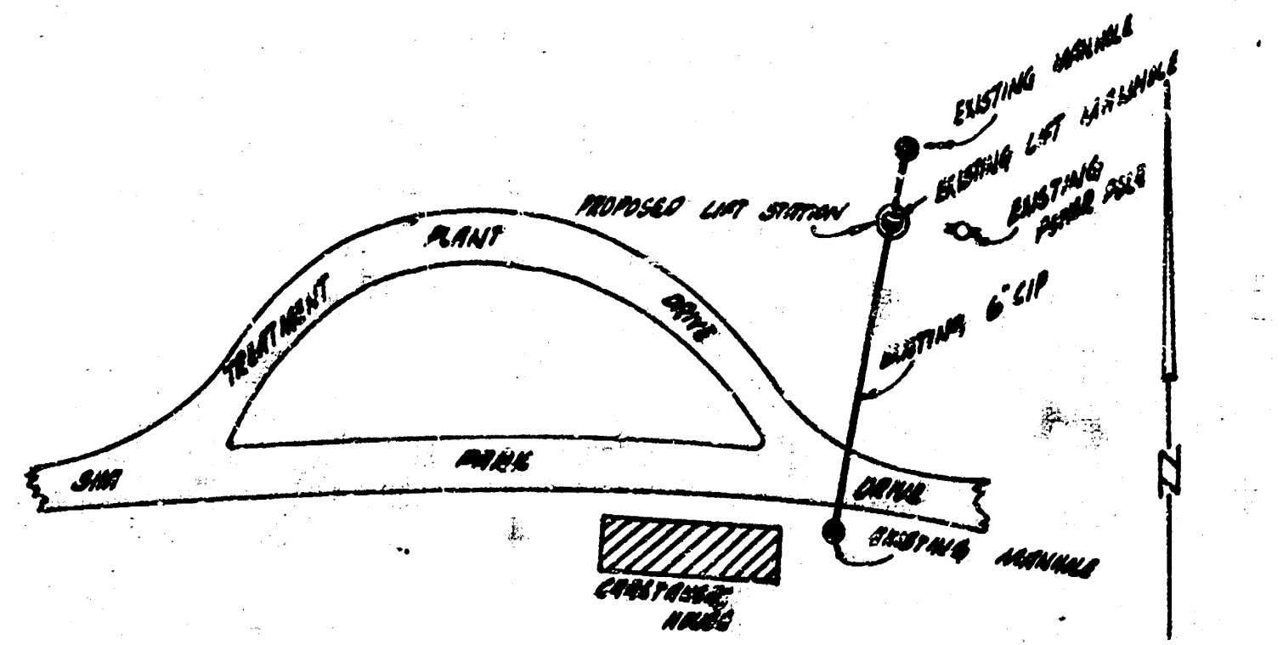
SECTIONAL SIDE

SCALE 1"=1'


5"x5" BUTT HINGES, WELD TO 1/8" COVER. DRILL & TAP 1/4"x2"x6" PLATE FOR 3-5/16" CSK SCREWS HINGES - STANLEY # 850 OR EQUAL
2-3/8"x3" BOLTS WELD TO 1/4" PLATE
1/8" PLATE COVER, BEND DOWN EDGES 2 1/2" & WELD CORNERS
WELD ON 10" LOCKING HASP STANLEY # 941 OR EQUAL
1/4"x2"x6" PLATE
4"
4"
2 1/2"
3/8"x4" GALV. WELDED EYE BOLT & NUT
2'-0"
2"x2"x1/4" PLATE

HATCH WAY

SCALE 1 1/2"=1'


EXISTING MANHOLE
EXISTING LIFT MANHOLE
PROPOSED LIFT STATION
EXISTING POWER POLE
TREATMENT
PLANT
DRIVE
EXISTING 6" CIP
PARK
DRIVE
EXISTING MANHOLE
CARETAKER'S HOUSE
N

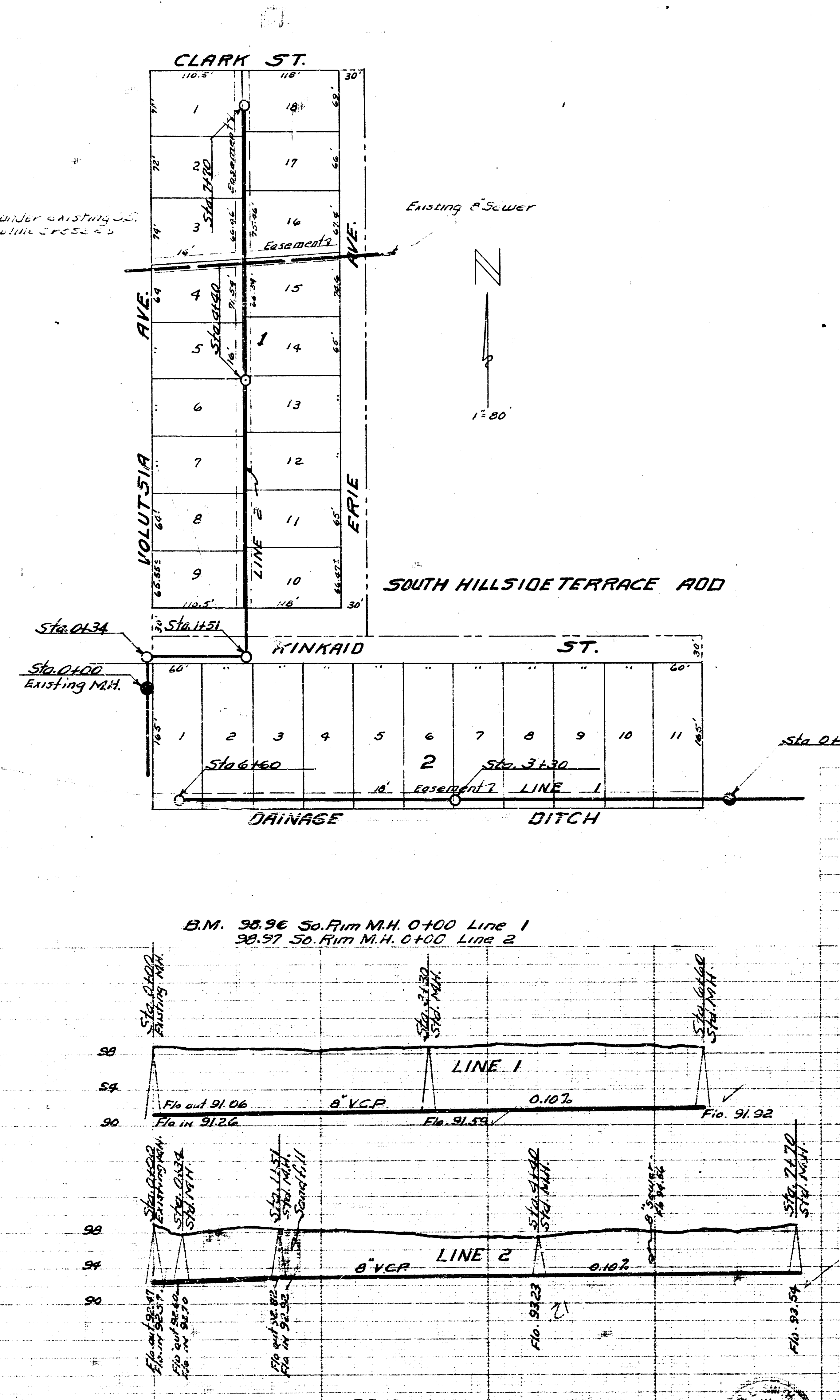
LOCATION MAP

NO SCALE

DEAN S. SELLERS
LICENSED
3683
KANSAS
PROFESSIONAL ENGINEER

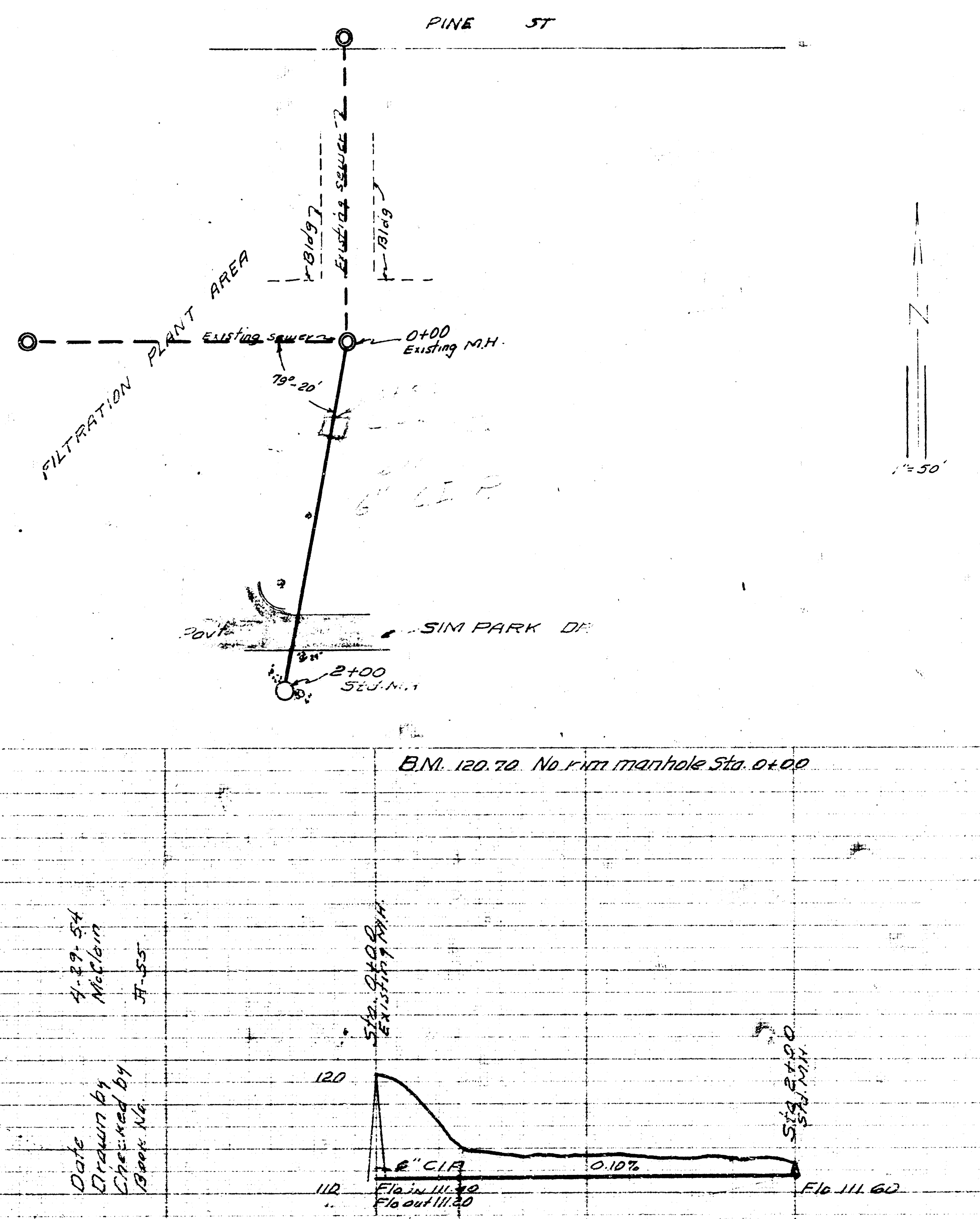
LIFT STATION FOR COWTOWN SEWER
CITY OF WICHITA, KANSAS
B.E. SMITH CITY ENGINEER

Date 4-19-54
Drawn by McClain
Checked by
Book No. K-20


CLARK ST.
VOLUTSIA AVE.
ERIE AVE.
KINKAID ST.
SOUTH HILLSIDE TERRACE ADD
DRAINAGE DITCH
Groule under existing S.S. where new line crosses
Existing 8" Sewer
Easement 2
Easement 1
LINE 1
LINE 2
Sta 7+20
Sta 4+40
Sta 0+34
Sta 1+51
Sta 0+00 Existing M.H.
Sta 6+60
Sta 3+30
Sta 0+00
1" = 80'
B.M. 98.96 So. Rim M.H. 0+00 Line 1
98.97 So. Rim M.H. 0+00 Line 2
Sta 0+00 Existing M.H.
Sta 3+30 Std. M.H.
Sta 6+60 Std. M.H.
Flo out 91.06
Flo in 91.26
8" V.C.P.
0.10%
Flo. 91.59
Flo. 91.92
Sta 0+00 Existing M.H.
Sta 0+34 Std. M.H.
Sta 1+51 Std. M.H.
Sandfill
Sta 4+40 Std. M.H.
8" Sewer Flo 94.56
Sta 7+20 Std. M.H.
Flo out 92.47
Flo in 92.57
Flo out 92.60
Flo in 92.70
Flo out 92.82
Flo in 92.92
Flo. 93.23
Flo. 93.54
8" VCP
0.10%
98
94
90

LAT. 10 S.S. 12
CITY OF WICHITA KANSAS
B.E. SMITH CITY ENGINEER
Proj. No. C-24-10

Date 4-29-54
Drawn by McClain
Checked by
Book No. A-55


PINE ST
SIM PARK DR
FILTRATION PLANT AREA
Existing sewer
Existing sewer
Bldg
Bldg
0+00 Existing M.H.
79°-20'
2+00 Std. M.H.
1" = 50'
B.M. 120.70 No. rim manhole Sta. 0+00
Sta. 0+00 Existing M.H.
Sta. 2+00 Std. M.H.
120
110
6" C.I.P.
0.10%
Flo in 111.40
Flo out 111.20
Flo 111.60

COW TOWN SEWER
CITY OF WICHITA KANSAS
B.E. SMITH CITY ENGINEER

FILTER PLANT
6" WATER MAIN
HYDT
SIM
PARK
DRIVE
BLACK TOP
PARKING
LOT
10" HEDGE 25.25 N
10" HONEY LOCUST
32.8'
MON. - IRON IN CONC.
6" HEDGE 7.75' S.W.
8" HEDGE 10.15' S.E.
54.25'
20'
200.03'
65.25
150'
2°10'
205'
320'
340'
257'
135'
100'
160'
11°30'
9°48'
18°09'
14°35'
3.54'
COW TOWN
PROPERTY
LINE
FENCE
755.5'
284.26'
APPX. OLD RIVER BANK
BANK APPX. PENDING FLOOD CONTROL WORK
16" C.I. WATER LINE
53
54
788.55' W. OF S.W. COR. SE 1/4 SECT. 18 T27S R1E
WINDMILL TOWER 6' SQ. BASE
DOUGLAS
2" WATER MAIN
209.9'
ST.
AVE.
WATER
MAIN
357.5'
6' BOARD WALK
8' BOARD WALK
BOARD WALK
PLANK WALK
WATER METER
4' GATE
16' GATE
10' GATE
TRANSFORMER POLE
METER POLE
M.H.
IRON
SEWER
STORM WATER
3/4" WATER
1 1/4" GAS
1 1/2" WATER
8" CLAY
SANITARY
ELEC. CABLE
S.W. COR. SE 1/4 SECT 18, T27S, R1E
IRON ELEV 1380.0
499.50
MAIN
78.42
APPX. ℄ 16"
245' W. OF ℄ MAIN ST.
151' E. OF ℄ MAIN ST.
A. T. & S. F. RY.
WIND MILL TOWER 5.5' SQ. BASE
B.M. ELEV 1381.4 2 SPIKES IN POST
STOCK YARDS
12
19
57
11
51
18
FENCE
BIG
ARKANSAS
RIVER
APPX.
PENDING
FLOOD
CONTROL
WORK
OUTFALL ELEV 1031
BIG ARKANSAS RIVER
1
3
4
5
6
7
8
9
10
13
14
15
16
17
20
21
22
23
24
25
26
27
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37
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39
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41
42
43
44
45
46
47
52
55
56
POWER LINE
48" CONCRETE SLUDGE SEWER APPX. ℄
FENCE
WATER MAIN
4" GAS LINE
S.W.B.T. CO. POLE LINE DROPS TO FENCE S.W. 3.5' TO W. GATE
S.W.B.T. CO.
146.6
HYDT
OPEN CABLE
GAS METER
SEWER LIFT STA
POWER DROP POLE
8" CLAY SANITARY SEWER
9°43'
COW TOWN
526.7'
FENCE
ROAD
PLANT APPX. ℄
FILTER
91°52'
32°23'
K.G.&E. 12 K.V.A. POLE LINE INSTALLED 1946, R/W EASEMENT FROM THE WICHITA WATER
16" C.I. WATER LINE LOCATION APPX.
48" CONCRETE WASH WATER SEWER FROM FILTER PLANT

FILTER PLANT
6" WATER MAIN
SIM
PARK
DRIVE
PROPERTY
LINE
FENCE
COW TOWN
PROPERTY
LINE
DOUGLAS
AVE
ST.
MAIN
8" CLAY SANITARY SEWER
16" C.I. WATER LINE
WIND MILL TOWER 6' SQ. BASE
PARKING LOT
STOCK YARDS
WIND MILL TOWER 5.5' SQ BASE
POWER LINE
ROAD
788.55' W. of S.W. Cor. SE 1/4 Sec. 18 T27S R1E
1384.15' W of S.E. Cor. Sec. 18 T27S R1E
K.G.&E. 12 K.V.A. Pole Line Installed 1946, R/W Easement from The Wichita Water Company, 6-24-42, Recorded July 1942, Misc. Bk. 164, Pg. 48.
16" C.I. Water Line Location Appx.
NORTH
BANK
CONTROL
WORK
FLOOD
BIG
ARKANSAS
RIVER
1" = 50'

1 Church
2 Parsonage
3 Custodians House
4 Jail
5 Munger House
6 Sod Roof School
7 Drug Store
8 Barber Shop
9 Post Office
10 Wells Fargo Office
11 Depot-Track. Etc.
12 Stock Yards
13 Blacksmith Shop
14 Delmonico's
15 Law Office
16 Print Shop
17 Variety
18 Barn
19 Barn
20 Caretakers House
21 Billy the Kid House
22 Rest Room
23 Ticket Office
24 Bottle Shop
25 Dress Shop
26 Mortuary
27 Honeymoon Cottage
28 Little Red School House
29 Garage
30 Pop Corn Shop
31 Antique Shop
32 Gift Shop
33 Museum
34 Indian Display
35 House
36 Bank
37 Gun Shop
38 Library
39 Swap Shop
40 Town Hall
41 General Store
42 Community Hall
43 Buckhorn Bar
44 Fire Barn
45 Storage Bldg.
46 Chick Sales
47 Chick Sales
48 Chick Sales
49 Well House
50 " "
51 " "
52 " "
53 " "
54 " "
55 Rest Rooms
56 Office
57 Gardner Coal Co.

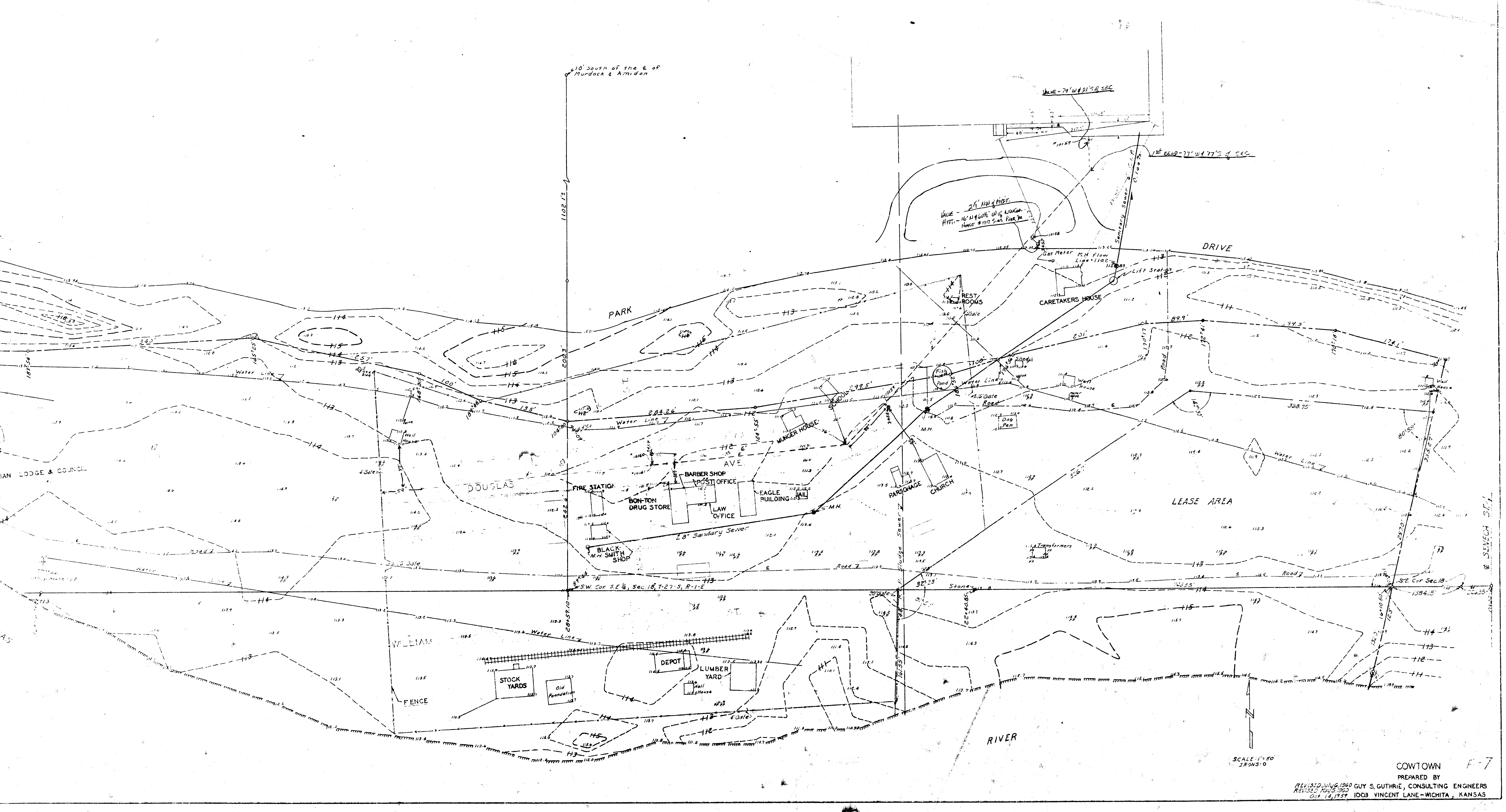
11-28-67

# Cow Town

Historic Wichita

Located in Sections 18 & 7 Twp. 27 S., R.1 E., Wichita, Kans

10' South of the ℄ of Murdock & Amidon
1102.1'±
SIMS
PARK
ARKANSAS
RIVER
INDIAN LODGE & COUNCIL
DOUGLAS
WILLIAM
FIRE STATION
BON-TON DRUG STORE
BARBER SHOP
POST OFFICE
LAW OFFICE
EAGLE BUILDING
JAIL
BLACK-SMITH SHOP
M.H.
MUNGER HOUSE
SCHOOL
PARSONAGE
CHURCH
REST ROOMS
CARETAKERS
Fish Pond
Shed
Dog Pen
Gate Road
Water Line
Well House
8" Sanitary Sewer
Road
S.W. Cor. S.E.¼, Sec. 18, T-27 S, R-1-E
28+59.16
284.26'
DEPOT
LUMBER YARD
STOCK YARDS
Old Foundation
FENCE
113
114
115
116
117


10' South of the ℄ of Murdack & Amidon
VALUE - 79' W & 31' S of SEC
1st BEND - 77' W & 77' S of SEC
VALUE - 2½' NW of HYDT.
HYDT. - 16' N & 60½' W of NW Cor. House #1717 Sims Park Dr
#10157
10158
Gas Meter
M.H. Flow Line = 110.2
Lift Station
Sanitary Sewer 6" C.I.P. 0.166%
PARK
DRIVE
REST ROOMS
CARETAKERS HOUSE
Fish Pond
Water Line
Road
Gate
Well House
Dog Pen
MUNGER HOUSE
SCHOOL
M.H.
PARSONAGE
CHURCH
LEASE AREA
AVE.
DOUGLAS
FIRE STATION
BARBER SHOP
POST OFFICE
BON-TON DRUG STORE
LAW OFFICE
EAGLE BUILDING
JAIL
BLACK-SMITH SHOP
8" Sanitary Sewer
Transformers
S.W. Cor. S.E.¼, Sec. 18, T-27-S, R-1-E
S.E. Cor. Sec. 18
1394.5
Stone
ST.
WILLIAM
STOCK YARDS
Old Foundation
DEPOT
LUMBER YARD
Well House
FENCE
RIVER
LODGE & COUNCIL
℄ SENECA ST.
SCALE: 1" = 50'
IRONS: 0
113
114
115
116
112
111

COWTOWN F-7
PREPARED BY
REVISED July 6, 1960 GUY S. GUTHRIE, CONSULTING ENGINEERS
REVISED May 5, 1960
Oct. 14, 1959 1003 VINCENT LANE - WICHITA, KANSAS