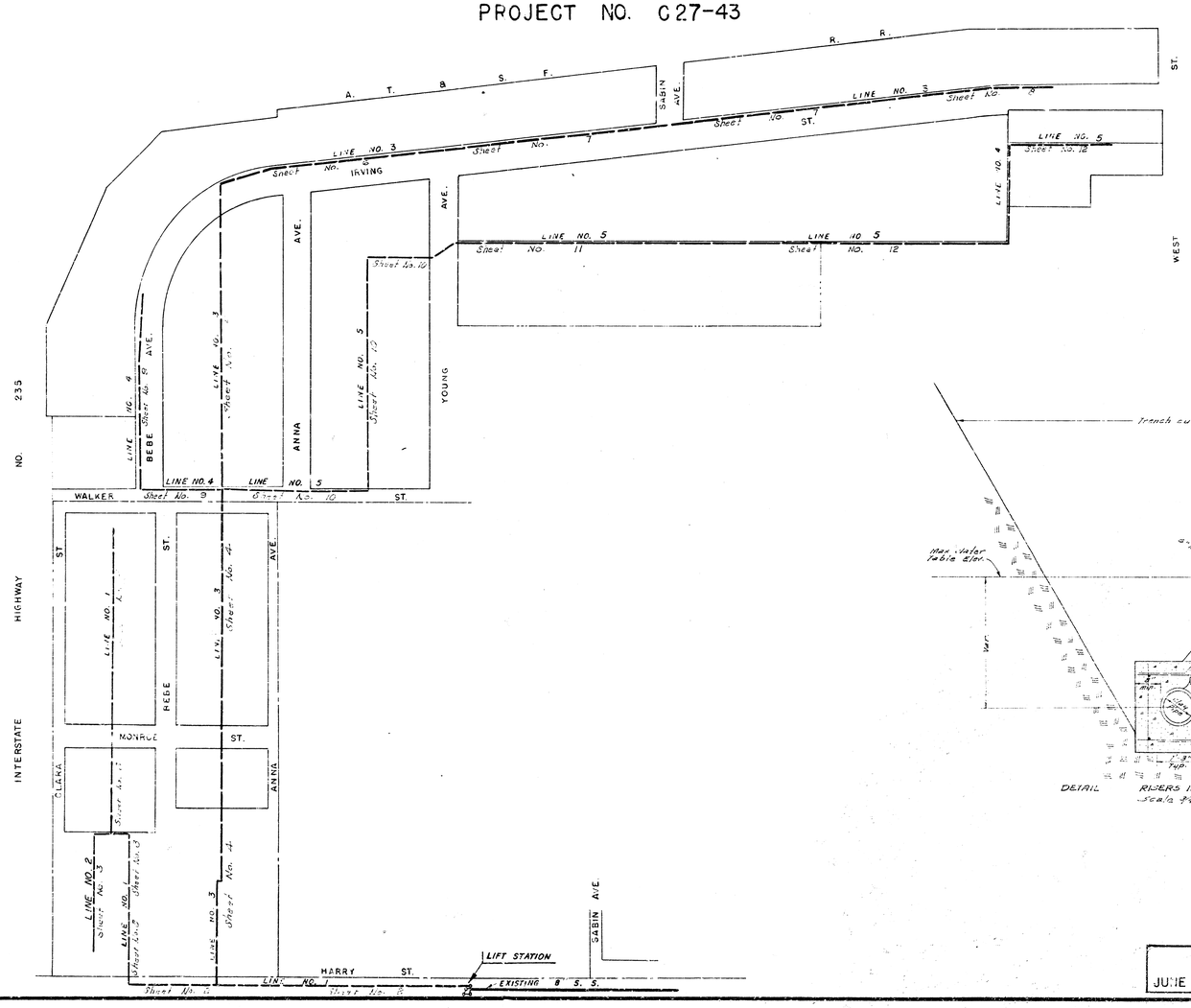
PLAN AND PROFILE FOR

LAT. 99, SANITARY SEWER NO. 22

CITY OF WICHITA, KANSAS

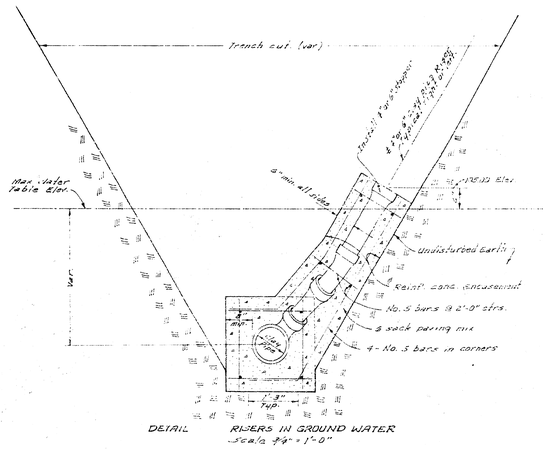
B. E. SMITH — CITY ENGINEER

PROJECT NO. C27-43



N

SCALE 1" = 150'



LAT. 99, S. S. NO. 22
JUNE 1970, PROJECT NO. C27-43
1/12

Sta. 7+20.9 ± Exist. LIFT STATION Wet well Exist. 8" Stub N.

Exist 8" C.S.P.

0.80 %

LINE NO. 1

HARRY

6" H. P. Conc. main

18" A. C. Water main

Sta. 0+309 Const. Std. M. H. Type "B"

Sta. 1+10.9 Const. Std. M.H. Type "B"

Sta. 7+23.7 Const. Std. M. H. Type "B" Install 8" Stub So.

555.3'

90 Lin. ft. 8" clay pipe So. with 8" Reinf. Conc. Encasement @ 0.20 % Grade

Sta. 5+75.9 Const. Std. M.H. Type "B" Install 8" Stub So.

8" Reinf. Conc. Encasement

329.57'

STREET

LINE NO. 3

142'

Sta. 7+33.2 Const. Std. M.H. Type "B" Sta. 0+37.6 ± Line No. 3

Proposed 36" S. S. main

S.W. ¼ of the S.E. ¼ Sec. 20 - 27 - R.I.W.

Lake

Sabin Ave.

Maye Co. Inn.

Fredrick E. Ramsey 1530 S. Bebe St.

Bebe St.

Hanna Ave.

3. M. 114.33 R. R. Spike N.S. P.P. S.S. Harry & 75' E. of Sabin Ave.

NOTE: TO CONTRACTOR

Replace all fences.
Removal of grape arbor, removing & replacing bird house poles, swing set poles & repair of any parking lots including cost of crushed rock & asphaltic conc. & repair of septic systems shall be incidental to the project.
Contractor to correlate work with Lift station Contractor.
Risers in ground water shall be encased with 6" reinf. conc. encasement. See detail for construction of risers installed in ground water on sheet #1. Risers shall be bid as Lin. Ft. of Reinf. Conc. Encased Riser. Payment shall be made on measurement from ℄ of sewer line to top end of the riser. Cost of 9" or 5" steppens to be included in bid price of Lin. Ft. of Reinf. Conc. Encased Riser. Cost of wyes to be included in bid price of Lin. Ft. of 8" Clay Pipe.

Natural ground

Prop. S. Curb Harry St.

Set top M.H. ± 112.00

Set top M.H. ± 111.60

Set top M.H. ± 111.40

Set top M.H. ± 111.30

Natural ground

Set top M.H. ± 110.30

LINE NO. 1

LINE NO. 1

8" Clay Pipe @ 0.15%

8" Clay Pipe @ 0.15%

90 Lin. ft. 8" Clay Pipe So. with 8" Reinf. Conc. Encasement @ 0.20 % Grade

8" Reinf. Conc. Encasement

8" Clay Pipe

0.85 %

0.82 %

98.75 Flo of proposed 36" S. S. Main.

783.30 Lin ft. 8" Reinf. Conc. Encasement @ 0.25% grade

0.15 % grade

1188 Lin ft. of 8" Clay pipe.

Sta. 1+10.9 Const. Std. M.H. Type "B"

Sta. 7+23.7 Const. Std. M. H. Type "B" Install 8" Stub So.

Sta. 5+75.9 ± Const. Std. M.H. Type "B"

Sta. 7+33.2 Const. Std. M.H. Type "B" Line No. 3.

Sta. 10+43.3 ± Const. Std. M.H. Type "B"

Exist. 6" H. P. gas line.

Sta. 11+53.2 ± Const. Std. M.H. Type "B"

0 1 2 3 4 5 6 7 8 9 10 11 12

LAT. 99 , S S. NO. 22
PROJECT NO. C27-43

2/12

CLARA ST.

LONIE ACRES

LONIE 2ND ACRES

MONROE ST.

WALKER ST.

BEBE STREET

HARRY ST.

Clarence E. Pankhurst
888 N. Louisiana

Fredrick E. Ramsey, et al

Fredrick E. Ramsey

Lena Geerts Miller, et al

Frame Garage

Frame Bldg.

Frame Shed

Frame Barn

Frame Bldg.

Frame Bldg.

Sta. 0+75.0 Const. Std. M.H. Type "A"

Sta. 0+75.0 Const. Std. M.H. Type "A"

Sta. 1+46.3 Const. Std. M.H. Type "A" Sta. 0+00.0 Line No. 2.

Sta. 1+54.7 Const. Std. M.H. Type "A"

Sta. 2+00.0

Sta. 1+41.2 Const. Std. M.H. Type "A"

Sta. 2+01.2.0 Const. Std. M.H. Type "A"

Sta. 3+17.50 Const. Std. M.H. Type "A"

LINE NO. 2

LINE NO. 1

LINE NO. 1 P.P.

NOTE: Contractor to reset one C.L.P. only. Also watch for water line.

Natural ground

E. ℄ Clara St.

LINE NO. 2

8" Clay Pipe @ 0.40%

375 lin. ft. of 8" Clay Pipe at 0.40% grade.

Sta. 1+41.2 Const. Std. M.H. Type "A"

Sta. 1+46.37 Const. Std. M.H. Type "A" Sta. 0+00.0 Line No. 2.

Sta. 1+54.7 Const. Std. M.H. Type "A"

Sta. 2+01.2.0 Const. Std. M.H. Type "A"

Sta. 3+17.50 Const. Std. M.H. Type "A"

Natural ground

W. ℄ Bebe St.

E. ℄ Clara St.

LINE NO. 1

8" Clay Pipe @ 0.13%

8" Clay Pipe @ 0.40%

820 lin. ft. of 8" Clay pipe at 0.15% grade.

280 Lin. ft of 8" Clay pipe @ 0.40% Grade

LAT. 99, S. S. NO. 22

PROJECT NO. C27-43

3/12

B. L.: 114.33 R.R. Spike N.S. P.P. S.S. Harry 75' E. of Subin.

N

BEBE STREET

Sta. 2+94.3 Const. Std. M.H. Type "B"

Sta. 5+40.0 Const. Std. M.H. Type "B"

Sta. 3+12.8 Const. Std. M.H. Type "B"

Sta. 8+40.0 Const. Std. M.H. Type "B"

Sta. 11+40.0 Const. Std. M.H. Type "B"

Sta. 12+00.0

LINE NO. 3

Sta. 2+37.8 Line No. 3 = Sta. 7+83.3 Line No. 1

8" Reinf. Conc. Encasement.

NOTE: Contractor to remove C.L.P. & existing jet poles.

NOTE: Contractor to replace C.L.P. & birdhouse pole

Frederick E. Spring 1930 S. Bebe St.

Keith B. Mitchell 934 S. Bebe St.

LONIE ACRES

SECOND LONIE ACRES

MONROE ST.

WALKER ST.

ANNA AVE.

Natural ground

E. Rt. Bebe St.

W. Rt. Anna Ave.

8" Reinf. Conc. Encasement

8" Clay Pipe @ 0.15% | 8" Clay Pipe @ 0.13% | 8" Clay Pipe @ 0.12% | 8" Clay Pipe @ 0.15%

1163 lin. ft. of 8" Clay pipe @ 0.15% grade.
1163 Lin. Ft. of 8" Reinf. Conc. Encasement

LAT. 99, S. S. NO. 22
PROJECT NO. 27-43

4/12

BEBE AVE.

WEST 54 INDUSTRIAL ADDITION

Paul Emerson, et ux.

Gear Inv. Inc.
307 N. Washington
Hutchinson, Kansas

Fred J. Soper
1751 Lynnhurst

W. B. Carter
Carter Co. Inc.

Sta. 13+94.7 Const. Std. M.H. Type "B" Std. 5+00.0 for lines No. 4 & 5

Sta. 16+80.0 Const. Std. M.H. Type "A"

Sta. 19+70.0 Const. Std. M.H. Type "A"

Note: Provide 6" wye @ Sta. 21+55

Sta. 22+46.0 Const. Std. M.H. Type "A" Inv. Sta. 11+6"15.00 for Line No. 9

R = 373.46'
Δ = 83° 39'
L = 545.24'

R = 453.46'
Δ = 83° 39'
L = 662.04'

LINE NO. 3

8" Reinf. Conc. Encasement

Sta. 12+00.0

LOVE

WALKER AVE.

ANNA AVE.

IRVING AVE.

Exist. 8" water line

Exist. 8" Sewer line

Natural ground

Proposed W. cb of Anna Ave.

Proposed E. cb of Bebe Ave.

8" Clay Pipe @ 0.15% grade

194.7 Lin. Ft. Reinf. Conc. Encasement

1046 lin. ft. of 8" Clay Pipe @ 0.15% grade

12 13 14 15 16 17 18 19 20 21 22

LAT. 99, S. S. NO. 22
PROJECT NO. C27-43

5/12

B. M. No. 117.89 ft. E. of Young St. on N. side of Irving St. at NE cor. of Block 200. Elev. 818.1 Brass cap in cement sidewalk.

A. T. & S. F. R. R.

WEST 54 INDUSTRIAL ADDITION

Sta. 24+00.0 Const. Std. M.H. Type "A"

Sta. 27+00.0 Const. Std. M.H. Type "A"

Sta. 30+10.0 Const. Std. M.H. Type "A"

Sta. 30+41.7

Sta. 22+46.0

R = 453.46'
Δ = 83°-39'
L = 662.04'

IRVING ST.

Saw cut

Existg Pavmt

Note: Leave high edge steel exposed on all drives removed.

ANNA AVE.

YOUNG AVE.

Natural ground

Est. st. N. of Irving St.

LINE NO. 3

8" Clay Pipe @ 0.15% grade

105.30 | 105.38 | 105.53 F/G | 105.68 | 105.83 | 105.98 F/G | 106.13 | 106.28 | 106.43 | 100.45 F/G

164 lin. ft. of 8" Clay Pipe @ 0.15% grade.

23 | 24 | 25 | 26 | 27 | 28 | 29 | 30

LAT. 99, S. S. NO. 22
PROJECT NO. C27-43

6/12

A. T. & S. F. R. R.

U. S. 54 INDUSTRIAL ADDITION

SABIN ST.

IRVING ST.

YOUNG AVE.

Sta. 30+10.0

Sta. 30+49.7

Sta. 33+10.0 Const. Std. M. H. Type "A"

Sta. 36+15.0 Const. Std. M. H. Type "F"

Sta. 38+09.7

Sta. 39+00.0

LINE NO. 3

Note: Leave high edge steel exposed on all drives removed.

B. M. Elev. 1178.9 "X" cut on conc. wk. 12' W. of Metal Flag Pole in front of Diesel Equipment Bldg. - 200'± E. of Young St. on S. S. Irving St.

Sta. 30+10.0 | Sta. 33+10.0 Const. Std. M. H. Type "A" | Sta. 36+15.0 Const. Std. M. H. Type "A" | Sta. 38+00.0

Natural ground Exist. N. ob Irving St.

LINE NO. 3

8" Clay Pipe @ 0.15% | 8" Clay Pipe @ 0.15% | 8" Clay Pipe @ 0.15%

790 lin. ft. of 8" Clay Pipe at 0.15% grade.

30	31	32	33	34	35	36	37	38
100.46	106.58	120.73	132.82 / 133.30 F/G	137.03	101.8	137.33 / 137.35 F/G	141.43	150.8

LAT. 99, S. S. NO. 22
PROJECT NO. C27-43

7/12

B. M. 117.69 "a" cut back conc. wk. 19' W. of Metal Bldg. Pole in front of Diesel Equipment Bldg. - 55' S. of Young St. on S. S. Irving St.

WEST 54 INDUSTRIAL ADDITION

IRVING ST.

WEST 54 ST.

Sta. 38+00.0

Sta. 39+10.0 Const. Std. M. H. Type "A"

Sta. 40+25.0 Const. Std. M. H. Type "A"

Sta. 41+25.9 Const. Std. M. H. Type "A"

LINE NO. 3

Saw cut

Note: Leave high edge steel exposed on all drives removed

Exist'g Pavement

Exist'g Fire Hyd.

Metal Bldg.

Gasoline Tank

4" Steel pipe Fire Line

Sta. 38+00.0

Natural ground

Exist. N. eb Irving St.

Sta. 40+25.0 Const. M. H. Type "A"

Sta. 41+25.9 Const. M. H. Type "A"

Natural ground

Existing N. eb Irving St.

LINE NO. 3

LINE NO. 3

8" Clay Pipe @ 0.15 %

8" Clay Pipe @ 0.15 %

8" Clay Pipe @ 0.40 %

725.9 Lin. ft. of 8" Clay Pipe at 0.15% grade.

309.10 Lin ft 8" clay pipe @ 0.40 % grade

LAT. 99, S. S. NO. 22
PROJECT NO. 62-43

8/12

PEARL MAY JONES ADDITION

WEST 54 INDUSTRIAL ADDITION

Easterly R.O.W. Interstate Route # 8

Sta. 2+41.8 Const. Std. M.H. Type "A"

Sta. 5+40.0 Const. Std. M.H. Type "A"

Sta. 7+85.0 Const. Std. M.H. Type "A" Install stub for lot No. 10.

BEBE AVE.

LINE NO. 4

WALKER ST.

LINE NO. 4

Sta. 01000 Line No. 4 = Sta. 13794.7 Line No. 3.

Sta. 01000 Line No. 4 = Sta. 13794.7 Line No. 3.

Sta. 2+41.8 Const. Std. M.H. Type "A"

Sta. 5+40.0 Const. Std. M.H. Type "A"

Sta. 7+85.0 Const. Std. M.H. Type "A"

Natural ground

℄ Proposed W. cb of Bebe Ave.

LINE NO. 4

8" Clay pipe @ 0.20%

8" C.I.P. Pipe @ 0.20%

8" Clay Pipe @ 0.30%

103.92 F/o out 102.26 F/o in

104.96

104.56

105.04 F/o out 103.19 F/o in

105.26

105.43

105.65

105.74 F/o

105.92

106.25

106.48 F/o

390 Lin ft 8" Clay pipe @ 0.20% Grade

285 Lin. ft. 8" Clay pipe @ 0.30% Grade

0 1 2 3 4 5 6 7

110

100

LAT. 99, S. S. NO. 2

PROJECT NO. C27-43

9/12

ANNA AVE.

N

212.5'

Sear Inv. Inc. 307 N. Washington Hutchinson, Ks.

Dudley L. Morris Sr. 2410 Holly Bellair, Texas

Mid-Central fish and frozen foods of Kansas 251.6 E. Douglas

ST.

WEST 54 INDUSTRIAL ADDITION

4 3 2 1

5 6 7 8

LINE NO. 5

Sta. 6+50.0 Const. Std. M.H. Type "A"

Sta. 8+70.0 Const. Std. M.H. Type "A"

Sta. 10+?? Const. Std. M.H. Type "A"

WALKER

IRVING

YOUNG AVE.

Sta. 4+35.2 Const. Std. M.H. Type "A"

Sta. 12+84.2 Const. Std. M.H. Type "A"

Iron

82.57'

Sta. 0+00.0 Line No. 5 = Sta. 13+94.7 Line No. 3

Sta. 2+70.0 Const. Std. M.H. Type "A"

Sta. 4+35.2 Const. Std. M.H. Type "A"

Sta. 6+50.0 Const. Std. M.H. Type "A"

Sta. 8+70.0 Const. Std. M.H. Type "A"

Sta. 10+94.7 Const. Std. M.H. Type "A"

Sta. 12+84.2 Const. Std. M.H. Type "A"

Proposed N. eb of Walker St.

W. ft. of Young Ave.

Proposed N. eb of Young Ave.

W. ft. Young Ave.

Natural ground

8" Clay Pipe @ 0.15%

1284.2 lin. ft. of 8" Clay Pipe at 0.15% grade.

0	1	2	3	4	5	6	7	8	9	10	11	12	13

LAT. 99, S. S. NO. 22
PROJECT NO. C27-43

10
12

N

IRVING

WEST U. S. 54 INDUSTRIAL ADDITION

ST.

Diesel Equipment Co. Inc.
Box 1528
Wichita, Kansas
750. Irving

3231 Inv. Inc.
307 E. Washington
Hutchinson, Ks.

10 | 9 | 8 | 4 | 7 | 6 | 5

BATSON INDUSTRIAL ADDITION

1

YOUNG Ave.

LINE NO. 5

Sta. 13+61.8 Const. Std. M.H. Type "A"

Sta. 16+30.0 Const. Std. M.H. Type "A"

Sta. 19+00.0 Const. Std. M.H. Type "A"

Sta. 21+70.0 Const. Std. M.H. Type "A"

Sta. 12+84.2

Natural ground

S. of Irving St.

1215.8 lin. ft. of 8" Clay Pipe @ 0.15 % grade.

13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25

LAT. 99, S. S. NO. 22
PROJECT NO. C27-43

11/12

IRVING

ST.

WEST

Richard H. Chance
4219 Irving

The Greater Kansas Corp. Inc.
1st Nat'l Bank

Ed Dunn & Sons Sign Co. Inc

F. P. Wittmore
933 S. West St.

Wilfred U. Swoboda
937 S. West St.

WEST 54 INDUSTRIAL ADDITION

BATSON INDUSTRIAL ADDITION

Building

Building

LINE NO. 5

LINE NO. 5

Sta. 30+63.0
Const. Std. M. H.
Type "A"

Sta. 35+70.0
Const. Std. M. H.
Type "A"

Sta. 37+90.0
Const. Std. M.H.
Type "A"

Sta. 39+64.9
Const. Std. M. H.
Type "A"

Sta. 25+00.0

NOTE: Contractor to tamp & repair any blacktop or concrete damaged.

NOTE: Should any parking be torn up, Contractor to tamp & restore to present condition.

NOTE: Contractor to tamp & replace any crushed rock that is tam.

NOTE: Contractor to tamp & replace any crushed rock that is removed.

NOTE:
This street is not to be opened & paved per owners request.
W. J. Swinnie 1-3-58

6" chain lk. fnc. 3' inbread barb wire on 6' top steel post spaced at 10' ctrs.

Chain Lk. Fnc.

Concrete Slab

Loading Dock

Conc. Slab

Conc. Slab

Conc. Slab

Conc. Wk.

Metal R.P.

10" Walnut tree

4" tree
6" tree
5" tree
3" tree
3" tree

18" tree

Stone gate pillars

Conc. blk. Bldg. Fac. Line

Fnc.

8-5" trees

6" tree

8" tree

Iron

Fnc.

455'
455'
445'
207.5'
207.5'
247.5'
179.98'
135.9'
140.9'
125.9'
140'
135'
130'
101.25'
88'
80'
40'
50'
50'
80'
8'
5'
7'
3'
8'
8'
8