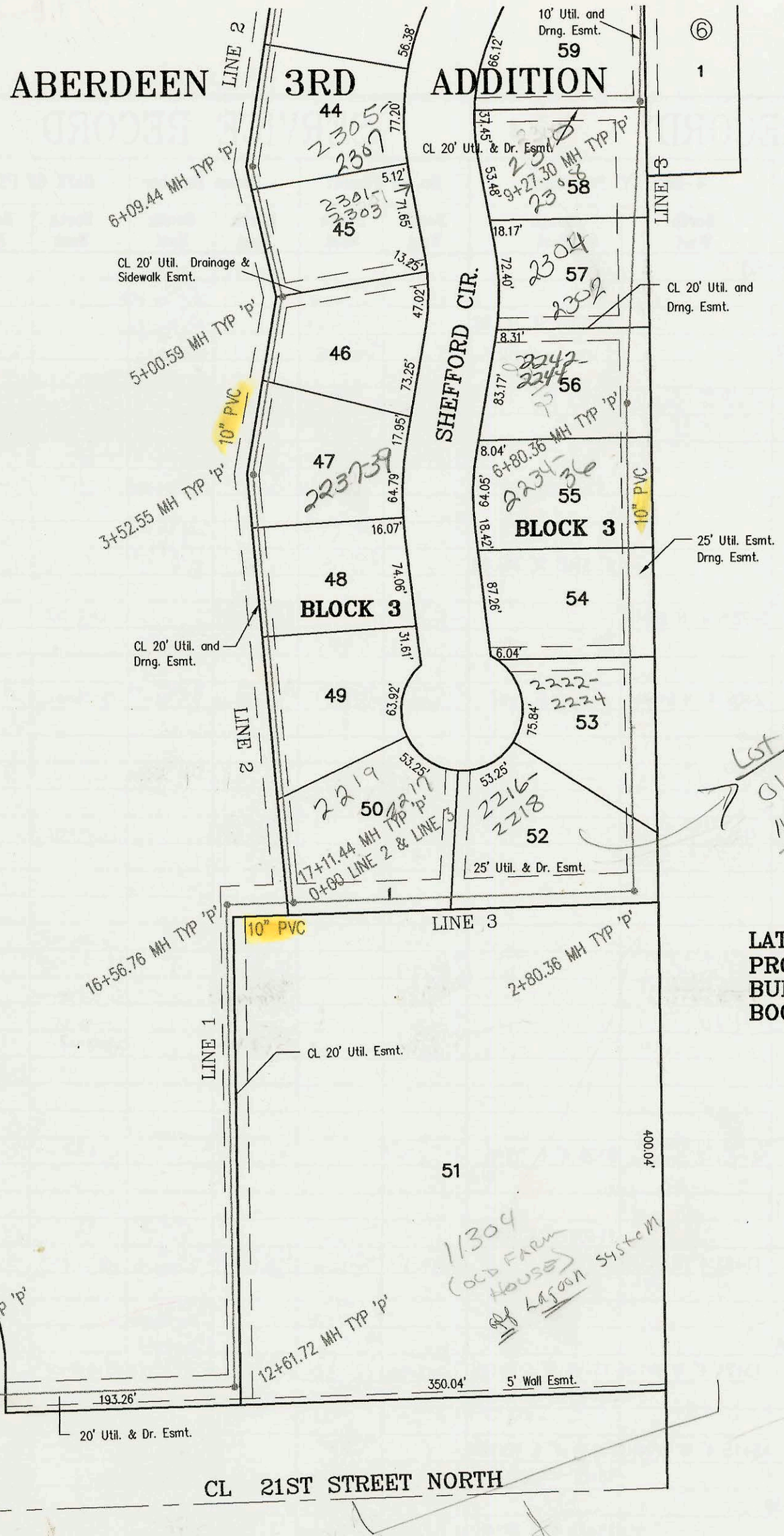
P-152 A

ABERDEEN 3RD ADDITION



CONSTRUCTION RECORD

STATION	ELEVATION GROUND	ELEVATION GRADE	DEPTH	MANHOLE	4-INCH "Y" BRANCHES North West	4-INCH "Y" BRANCHES South East
LATERAL 432, SOUTHWEST INTERCEPTOR SEWER (CONT. FROM P-151)					4" SCH 40 13+39.3 Saddle	
L-2 14+00	165.00	154.69	10.3			
	165.40	154.70 out	10.7	14+06.26		
	165.40	154.80 in	10.6			
15+00	165.00	154.99	10.0			
	165.40	155.08	10.3	15+47.11		
16+00	165.00	155.19	9.8			
	165.40	155.37 out	10.0	16+90.11		
	165.40	155.47 in	9.9			
17+00	165.00	155.47	9.5			
18+00	165.00	155.69	9.3			
	165.40	155.82	9.6	18+62.68		
19+00	165.00	155.93	9.1			
	165.40	156.13	9.3	19+68.57		4" SCH 40 19+87.57 Saddle
20+00	165.00	156.23	8.8			
21+00	165.00	156.53	8.5			4" SCH 40 20+94.57 Saddle
	165.40	156.55	8.8	21+08.57		
22+00	165.00	156.83	8.2			
	165.40	156.94 out	8.5	22+37.14		
	165.40	157.04 in	8.4			
23+00	165.00	157.23	7.8		4" SCH 40 PVC 23+25.4 Saddle	
24+00	165.00	157.53	7.5			
	165.40	157.77 out	7.6	24+80.36		
	165.40	157.87 in	7.5			
25+00	165.20	157.93	7.3		4" SCH 40 Saddle 25+01.36	
26+00	165.80	158.23	7.6			
27+00	166.60	158.53				
	167.40	158.65 out	8.8	27+41.73		
	167.40	158.75 in	8.7			
28+00	167.00	158.93	8.1			
	167.40	159.22 out	8.2	28+97.82		
	167.40	159.32 in	8.1			
29+00	167.00	159.33	7.7			
	167.40	159.56 out	7.8	29+77.35 = 0+00 L-2B		
	167.40	159.66 in	7.7			
30+00	167.00	159.72	7.3			
31+00	167.00	160.02	7.0			
32+00	167.00	160.32	6.7			4" SCH 40 31+60.49 Saddle
	167.40	160.36	7.0	32+14.99		
33+00	167.00	160.62	6.4			
	167.40	160.70 out	6.7	33+27.58		4" SCH 40 32+61.58 Saddle
	167.40	160.80 in	6.6			
34+00	166.70	161.02	5.7			
35+00	166.40	161.32	5.1			
	166.70	161.35 out	5.3	35+10.42 = 0+00 L-2C		
	166.70	161.45 in	5.3			
36+00	166.50	161.72	4.8			
37+00	166.60	162.02	4.6			4" SCH 40 37+18.42 Saddle
38+00	166.80	162.32	4.5			4" SCH 40 37+84.46 Saddle
39+00	167.00	162.62	4.4			
	167.40	162.67	4.7	39+12.46 = 0+00 L-2D		
0+00 L-2A	164.80	154.50	10.3	0+00 = 12+57.75 L-2		
	165.70	154.69	11.0	0+64.54	4" STUB N 155.02	
0+00 L-2B	167.40	159.66	7.7	0+00 = 29.77.35 L-2		
						4" SCH 40 0+71 Saddle
1+00	166.40	159.99	6.4			4" SCH 40 1+84.7 Saddle
2+00	165.70	160.26	5.4			4" SCH 40 2+20.32 Predco
3+00	166.80	160.56	6.2			4" SCH 40 2+97.8 Saddle
	167.40	160.59	6.8	3+11.32	4" STUB NE 160.92	

SERVICE RECORD

No. of Permit North West	No. of Permit South East	House Number North West	House Number South East	DATE OF PERMITS North West	DATE OF PERMITS South East
2001-01138		2421 Sheffield		5-10-01	
	2004-01738		2425 Sheffield		6-22-04
	2003-02805		2429 Sheffield		10-29-03
2004-00943		2433 Sheffield		4-9-04	
	2001-01032		2503 N Sheffield Dr		5-1-01
	2001-01968		2507 N Sheffield		8-10-01
	2004-00945		2515 Sheffield		4-9-04
2002-01553		2519 N Sheffield		6-3-02	
2002-00408		2523 N Sheffield		2-14-02	
2001-01927		2527 N Sheffield Ct		8-3-01	
2001-00703		2531 N Sheffield Ct		3-30-01	
2002-02433		2535 Sheffield		9-3-02	
	2002-01892		2539 Sheffield		7-10-02
	2001-01869		2617 N Sheffield		7-30-01
	2001-01861		2621 Sheffield		7-31-01
	2001-02127		2625 N Sheffield		8-27-01
2002-01854	2002-00237		2633 Sheffield 50 sep below		5-7-02 1-25-02
	2002-00234		2641 Sheffield		1-25-02
	2001-01870		2645 N Sheffield		7-30-01
	2001-01031		2649 N Sheffield Dr		5-1-01
	2003-02464		2417 Sheffield		9-23-03
	2004-00944		2409 Sheffield		4-9-04
2002-01022	2001-01780	2613 N Sheffield	2543 Sheffield	4-10-02	7-18-01
2002-00468	2001-02041	2609 Sheffield	2547 Sheffield	2-21-02	8-15-01
	2001-01360		2551 N Sheffield		6-4-01
2002-02549		2605 Sheffield		9-17-02	
2001-01979			2555 N Sheffield		8-13-01
2001-01978		2601 N Sheffield		8-13-01	

CONT. ON P-153

Sub 2002-01303 5-7-02 2637 N Sheffield: H+M conn:

CONSTRUCTION PLANS

SANITARY SEWER EXTENSIONS

ABERDEEN 3RD ADDITION - PHASE 2

TO

THE CITY OF WICHITA, KANSAS

LATERAL 432, SOUTHWEST INTERCEPTOR SEWER

MICHAEL E. LINDEBAK, P.E. – CITY ENGINEER
PROJECT NO. 468-83004
OCA NO. 743833

GENERAL NOTES:

1. Existing utility lines and their location, as shown on the plans, represent the best information obtainable for design. The contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.

2. Rubble from the removal of miscellaneous structures and excess excavation which is to be wasted shall be the disposed of on sites to be provided by the Contractor. These sites shall be approved by the Engineer as to suitability, appearance and site location. Locations that, in the opinion of the Engineer, will leave an unsightly appearance will not be approved.

   All disposal sites must be approved by the Kansas Department of Health and Environment. Material either stockpiled or disposed of in a flood plain would require a Kansas State Board of Agriculture permit. Any material dumped in waters of the United States or wetlands is subject to U.S. Corps. of Engineers permitting regulations. Any material buried or stockpiled beyond approved construction limits would require additional archaeological investigations unless buried in a previously approved borrow location.

3. The Contractor shall be responsible for maintaining continuous flow of sewage through construction. Contractor's proposed method for maintaining sewage flow shall be approved by the Engineer. Cost of maintaining flow of sewage through construction will not be paid for directly and this cost shall be considered as subsidiary to the other pay items of the work.

4. The Contractor shall be responsible for preserving property irons. The Contractor will be required to re-establish any property irons which are damaged or destroyed by his construction operations. Such irons shall be re-established by a licensed land surveyor in accordance with state laws.

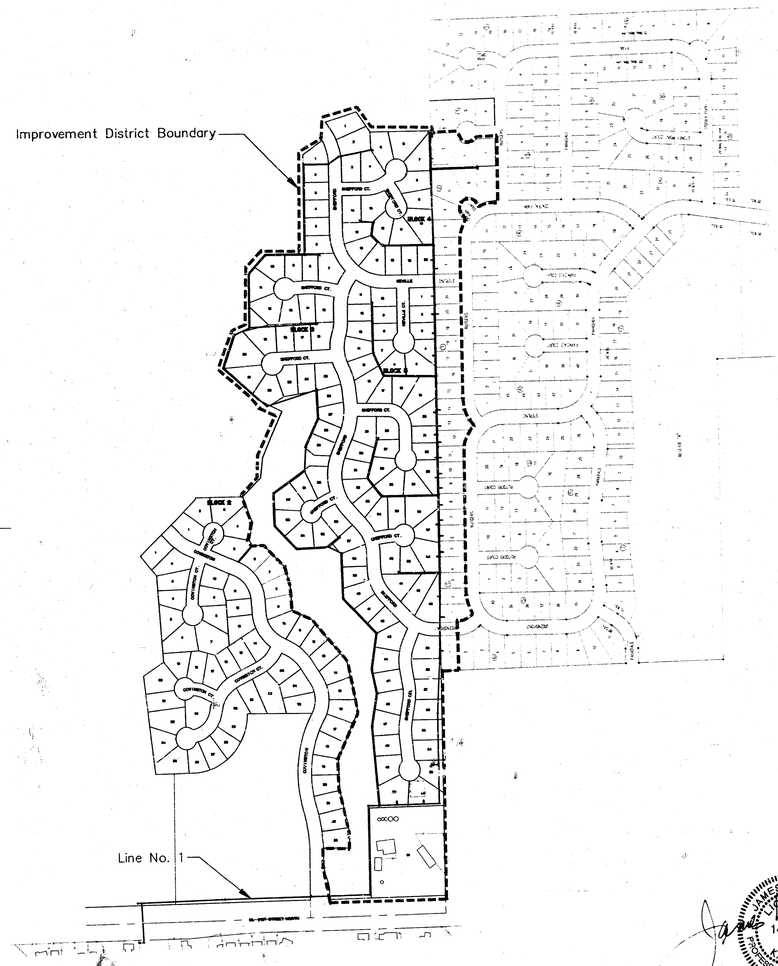
5. Trees and shrubs in public right-of-way which are in direct conflict with proposed new construction shall be removed by the Contractor with the Engineer's approval. Trees and shrubs which are not in direct conflict with the proposed new construction shall be saved and protected from damage.

6. Contractor shall vacuum test all manholes according to the City of Wichita standard specifications.

7. The tops of all Manholes to be set 0.4 feet above existing ground unless otherwise noted.

8. Sewer service lines that cross over the top of water mains shall be encased in concrete, 10 feet each side of the crossing. If the sewer crosses below the water line with less than 2 feet of clearance, the sewer line joints must be at least 10 feet away from the water line or the sewer must be encased in concrete as described above. 12" clearance must be maintained between the sewer and water lines.

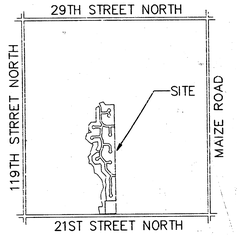
9. All areas disturbed by sewer construction, i.e. R/W, easements, and adjacent properties shall be restored with the same grass/sod as per AR 78.



Scale 1" = 300'

INDEX

TITLE SHEET	SHEET 1
SANITARY SEWER KEYMAP	SHEET 2
LINE NO. 1	SHEET 3-4
TYPE "P" MANHOLE	SHEET 5
COORDINATE POINTS LIST	SHEET 6-7
ABERDEEN PHASE 3 ADDITION PLAT	SHEET 8-9



LOCATION MAP
No Scale

BENCH MARKS

(City of Wichita Datum)

1. City of Wichita Benchmark disc, 67' south of centerline 21st St. & 79' south of section line, and 46' east of centerline 119th St. Elev. 172.08
2. 80d nail in power pole, 30' east and 50' south of Northwest Corner of Government Lot 6 in SW Quarter of Section 6, T27S, R1W. Elev. 172.08
3. 80d nail in power pole 50' south of NE corner of Government Lot 3 in NW Quarter of Section 6, T27S, R1W. Elev. 179.98
4. 80d nail in power pole 40' west and 40' north of the NW Corner of the NW Corner of Sec. 6, T27S, R1W. Elev. 175.05

Booked
P-152, P-153, P-154
10-24-00
R. Loomis
AS. BUILT

JAMES M. UBERT
LICENSED
14698
KANSAS
PROFESSIONAL ENGINEER
5-17-00

FEBRUARY 2000

PLANS PREPARED BY:
POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
7540 E. Central, Suite 200 ■ Wichita KS 67206 ■ 316/685-4114 ■ Fax 316/685-4444

G:\APPS\OCA\P\656\base.dwg Wed May 17 11:58:09 2000 Jason Dickman - Poe & Associates of Kansas, Inc.

SCALE: 1" = 100'

SCALE: 1" = 100'

RISER SUMMARY

No.	Line	Sta /Dir.	Lot No.	Block No.	Aber. Add.	Ever. Add.	Saddle Size	10" Main FL	8" Main FL	Information Only Approx. Length 4" Pipe Vert.	4" Pipe Horiz.	Record Information (To Be Completed By Inspector) Top Riser Elev. Proposed/Actual	Distance from Nearest Manhole Upstream	Downstream
1	3	0+78.47/Lt.	50	3	X		10"x4"	151.75		8'	14'	160.2/		
2	3	2+05.05/Lt.	52	3	X		10"x4"	152.00		9'	14'	160.5/		
3	3	9+55.98/Rt.	1	6		X	10"x4"	153.60		7'	14'	160.4/		
4	3	11+05.59/Rt.	1	1		X	10"x4"	153.93		10'	19'	164.0/		
5	3	11+96.91/Lt.	43	5	X		10"x4"	154.07		8'	11'	162.0/		
6	3	13+73.99/Lt.	38	5	X		8"x4"		154.49	6'	14'	160.6/		
7	3	13+93.88/Rt.	5	1		X	8"x4"		154.57	9'	14'	163.4/		
8	3	14+65/Rt.	6	1		X	8"x4"		154.79	10'	14'	164.6/		
9	3	15+15.37/Lt.	37	5	X		8"x4"		154.93	7'	14'	162.2/		
10	3	15+34.08/Rt.	7	1		X	8"x4"		154.97	10'	14'	164.9/		
11	3	16+02.17/Lt.	8	1		X	8"x4"		155.17	9'	14'	164.0/		
12	3	16+76.94/Rt.	9	1		X	8"x4"		155.40	8'	14'	163.0/		
13	3	17+23.08/Lt.	23	5	X		8"x4"		155.54	6'	14'	161.1/		
14	3	17+40.70/Rt.	10	1		X	8"x4"		155.59	8'	14'	161.4/		
15	3	18+11.50/Rt.	22	5	X		Dbl 8"x4"		155.80	6'	14'	162.1/		
16	3	18+11.50/Rt.	11	1		X	Dbl 8"x4"		155.80	8'	14'	164.0/		
17	3	18+79.94/Rt.	12	1		X	8"x4"		156.01	10'	14'	165.6/		
18	3	19+13.65/Lt.	21	5	X		8"x4"		156.12	7'	14'	163.0/		
19	3	19+51.54/Rt.	13	1		X	8"x4"		156.22	5'	14'	166.2/		
20	3	20+12.20/Lt.	20	5	X		8"x4"		156.41	6'	14'	162.7/		
21	3	20+22.94/Rt.	14	1		X	8"x4"		156.44	9'	14'	165.4/		
22	3	22+64/Lt.	4	5	X		8"x4"		157.16	5'	14'	161.7/		
23	3	23+63/Lt.	3	5	X		8"x4"		157.46	5'	14'	162.8/		
24	3	24+47.73/Lt.	2	5	X		Dbl 8"x4"		157.72	6'	14'	163.6/		
25	3	24+47.70/Rt.	20	1		X	Dbl 8"x4"		157.71	9'	14'	166.4/		
26	3	25+28.16/Lt.	1	5	X		8"x4"		157.95	7'	14'	164.7/		
27	3	26+49.21/Rt.	1	2		X	8"x4"		158.32	8'	14'	166.5/		
28	3	26+87.41/Lt.	20	4	X		8"x4"		158.43	6'	14'	164.5/		

Sta. 0+00
Line No. 1A

Sta. 1+95.58
Line No. 1
Sta. 0+18.49
Line No. 1A

Sta. 0+00
Line No. 1

Sta. 0+20
Line No. 1

Sta. 5+88.60
Line No. 1

Sta. 9+88.60
Line No. 1

Sta. 12+61.72
Line No. 1

CL 21ST STREET NORTH

SHEFFORD CT.

SHEFFORD CIR.

SHEFFORD

NEVILLE CT.

NEVILLE

STEPHENS

RUTGERS

CUTRAL PARK COURT

BLOCK 3

BLOCK 4

BLOCK 5

ENGLEWOOD

Sta.15+47.11 Line No. 2
Sta.12+57.75 Line No. 2
Sta.0+00 Line No. 2A
Sta.14+06.26 Line No. 2
Sta.21+65.67 Line No. 3B
Sta.0+64.54 Line No. 2A
Sta.16+46.66 Line No. 3
Sta.0+00 Line No. 3B
Sta.11+91.54 Line No. 2
Sta.1+56.18 Line No. 3A
Sta.13+03.55 Line No. 3
Sta.0+00 Line No. 3A
Sta.9+30.96 Line No. 2
Sta.7+71.94 Line No. 2
Sta. 6+09.44 Line No. 2
Sta. 8+27.30 Line No. 3
Sta. 5+00.59 Line No. 2
Sta. 6+80.36 Line No. 3
Sta. 3+52.55 Line No. 2
Sta. 2+80.36 Line No. 3
Sta. 17+11.44 Line No. 1
Sta. 0+00 Line No. 2
Sta. 0+00 Line No. 3
Sta. 16+56.76 Line No. 1

Sta. 1+14.89 Line No. 2B
Sta. 1+70.29 Line No. 2B
Sta. 3+29.61 Line No. 2B
Sta.32+60.31 Line No. 3
Sta.2+19.92 Line No. 3E
Sta.39+12.63 Line No. 2
Sta.0+00 Line No. 2B
Sta.30+89.88 Line No. 3
Sta.0+00 Line No. 3E
Sta.3+68.28 Line No. 3D
Sta.35+08.63 Line No. 2
Sta.0+00 Line No. 2C
Sta.2+40.77 Line No. 3D
Sta.32+13.21 Line No. 2
Sta.4+32.61 Line No. 3D
Sta.3+10.33 Line No. 3D
Sta.33+25.79 Line No. 2
Sta.0+65.45 Line No. 2C
Sta.27+52.64 Line No. 3
Sta.0+00 Line No. 3D
Sta.29+78.57 Line No. 2
Sta.0+00 Line No. 2B
Sta.3+11.21 Line No. 2B
Sta.5+80.45 Line No. 3C
Sta.24+86.53 Line No. 3
Sta.28+97.52 Line No. 2
Sta.2+46.62 Line No. 3C
Sta.3+58.52 Line No. 3C
Sta.27+41.73 Line No. 2
Sta.22+37.14 Line No. 2
Sta.21+74.38 Line No. 3
Sta.0+00 Line No. 3C
Sta.24+80.36 Line No. 2
Sta.21+08.57 Line No. 2
Sta.19+68.57 Line No. 2
Sta.5+48.75 Line No. 3B
Sta.18+62.68 Line No. 2
Sta.16+90.11 Line No. 2
Sta.3+68.81 Line No. 3B
Sta.18+56.53 Line No. 3
Sta.15+47.11 Line No. 2
Sta.12+57.75 Line No. 2
Sta.0+00 Line No. 2A
Sta.2+65.67 Line No. 3B
Sta.0+64.54 Line No. 2A
Sta.16+46.66 Line No. 3
Sta.0+00 Line No. 3B
Sta.11+91.54 Line No. 2

SCALE: 1" = 100'

No.	Date	By	Approved	Revision

ABERDEEN 3RD ADDITION PHASE 2
SANITARY SEWER KEY MAP

CITY OF WICHITA, KANSAS
MICHAEL L. LUNDEEN, P.E. CITY ENGINEER
C.O.W. Proj. No. 448-83402 OCA# 734958

POE & ASSOCIATES OF KANSAS, INC.
9440 E. Lynnon, Suite 200 ■ Wichita, KS 67206 ■ 316/683-4111 ■ Fax: 316/683-4444

FINAL

Engineer: J. Ubert
Drawn By: M. Perez
Poe Job No.: 1656A
Date: February 2000

Sheet 2 of 9

G:\APPS\OCA\P\655\base.dwg Wed May 17 11:54:03 2000 Jason Dickman - Poe & Associates of Kansas, Inc.

All areas disturbed by sewer construction, i.e. R/W, easements, and adjacent properties shall be restored with the same grass/sod as per AR 78.

GRAPHIC SCALE
1 INCH = 5 FT. (Vert.)
1 INCH = 40 FT. (IN FEET)

0+13.94
Sta. ~~0+18.49~~ Line No. 1A
Connect to Exist. MH
N 7489.59 E 11256.51

Line No. 1A
1+90.58
Sta. ~~1+95.58~~ Line No. 1
Sta. 0+00 Line No. 1A
Constr. Std. MH Type "P"
N 7490.08 E 11275.00

ABERDEEN ADDITION RESERVE B

EVANGEL ASSEMBLY OF GOD ADDITION

RESERVE A

Sta. 5+88.60 Line No. 1
Constr. Std. MH Type "P"
N 7505.19 E 11667.73

Sta. 9+88.60 Line No. 1
Constr. Std. MH Type "P"
8" Stub (N)
FL Elev.=150.12
N 7515.64 E 12067.59

LINE NO. 1

20' Util. Esmt.

15'

5' Wall Esmt.

37 L.F. 24" Steel Casing Pipe by Boring & Jacking (0.281" or 9/32" wall thickness min.)

66 L.F. 24" Steel Casing Pipe by Boring & Jacking (0.281" or 9/32" wall thickness min.)

CAUTION!!! Exist. 60" Raw WL

CAUTION!!! Underground Telephone

CAUTION!!! Overhead Power Line

ABANDON!!! Exist. 8" SS After Const.

Proposed Pavement

Existing Pavement

CL 21ST STREET NORTH

Sta. 0+00 Line No. 1
Connect To Exist. MH
N 7313.70 E 11264.20

0+15.0
Sta. ~~0+20~~ Line No. 1
Constr. Std. MH Type "P"
N 7314.75 E 11284.17

CAUTION!!! Television Cable Line

CAUTION!!! Exist. 12" WL

CAUTION!!! Exist 8" Gas

* Verify Depth & Location of All Utilities Prior to Construction

ABERDEEN 3RD ADDITION
SANITARY SEWER LINE NO. 1
CITY OF WICHITA, KANSAS
MICHAEL E. LINEHAN, P.E. - CITY ENGINEER
Proj. No. 468-84004 CCA# 74-3833

LINE NO. 1A

Sta. 0+00 Line No. 1A
Sta. 1+95.58 Line No. 1
Connect to Proposed MH

Sta. 0+18.49 Line No. 1A
Connect to Existing MH

Top MH=165.7

Line No. 1
FL=148.21

18.49 L.F. 8" Pipe @ 0.30% Grade

FL 148.31

FL 148.37

Sta. 0+00 Line No. 1
Connect to Existing MH

Sta. 0+20 Line No. 1
Constr. Std. MH Type "P"

Sta. 0+44.03 Line No. 1
Exist. 8" Gas Line

Sta. 0+44.03 Line No. 1
Exist. 12" Waterline

Sta. 0+47.84 Line No. 1
Television Cable Line

Top MH=162.5

20.00 L.F. 10" Pipe @ 0.2% Grade

FL Out 147.74

FL In 147.79

FL Out 147.83

FL In 147.88

Sta. 1+47.63 Line No. 1
Underground Telephone Line

Sta. 1+63.74 Line No. 1
Exist. 60" Raw Waterline

Sta. 1+75.85 Line No. 1
Underground Telephone Line

Sta. 1+98.58 Line No. 1
Exist. 8" Gas Line

Sta. 0+00 Line No. 1A
Constr. Std. MH Type "P"

Top MH=165.7

60" Waterline
Top WL=161.00

2" Waterline
FL=159.6

24" Steel Casing Pipe
From Sta. 0+68 to Sta. 1+34

175.58 L.F. 10" Pipe @ 0.2% Grade

FL 148.03

FL Out 148.21

FL In 148.43

Line No. 1A
FL=148.31

24" Steel Casing Pipe
From Sta. 2+31 to Sta. 2+68

FL 148.64

FL 148.84

FL 149.04

Existing Ground

Top MH=166.6

Sta. 5+88.60 Line No. 1
Constr. Std. MH Type "P"

393.02 L.F. 10" Pipe @ 0.20% Grade

FL 143.22

FL 149.24

FL 149.44

FL 149.64

FL 149.84

Top MH=164.0

Sta. 9+88.60 Line No. 1
Constr. Std. MH Type "P"

400.00 L.F. 10" Pipe @ 0.20% Grade

FL 150.02

FL 150.04

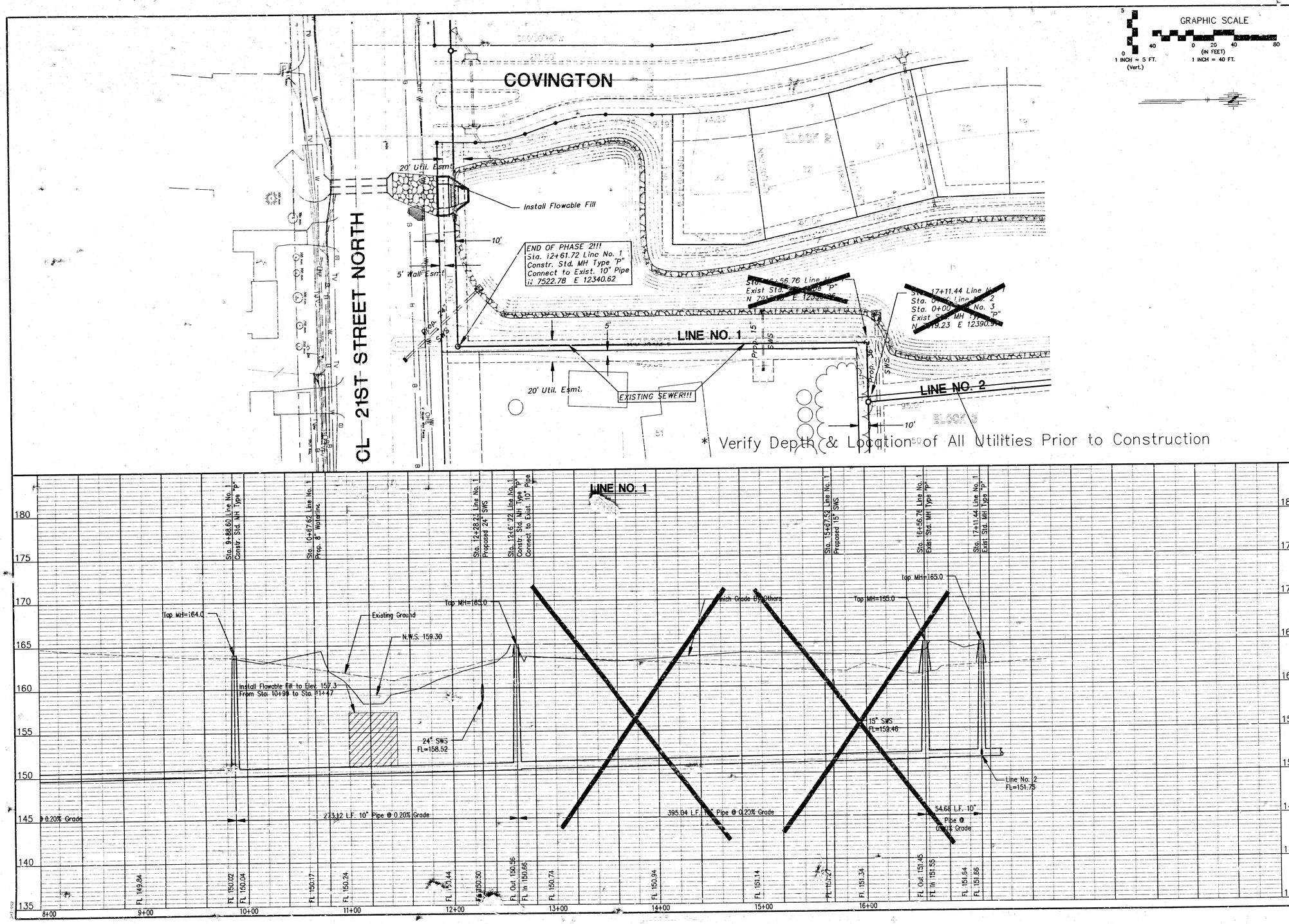
0+00 1+00 2+00 3+00 4+00 5+00 6+00 7+00 8+00 9+00 10+00

180 175 170 165 160 155 150 145 140 135

POE & ASSOCIATES OF KANSAS, INC.

FINAL
Designed By: J. Ubert / J. Dickman
Drawn By: M. Perez
Proj. Job No.: 1656A
Date: February 2000
Sheet 3 of 9

G:\APPS\DCAD\1656\base.dwg Wed May 17 11:55:52 2000 Jason Dickman - Poe & Associates of Kansas, Inc.



ABERDEEN 3RD ADDITION
SANITARY SEWER LINE NO. 1
CITY OF WICHITA, KANSAS
MICHAEL E. LINGEBAK, P.E. - CITY ENGINEER
Proj. No. 466-83004 OCA# 743633

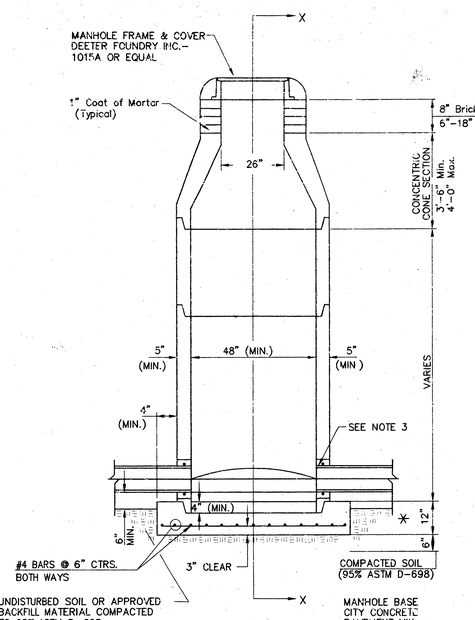
No. | Date | By | Approved | Revision

POE & ASSOCIATES OF KANSAS, INC.
3842 E. Central, Trail 200, Wichita, KS 67208 ■ (316)683-4444

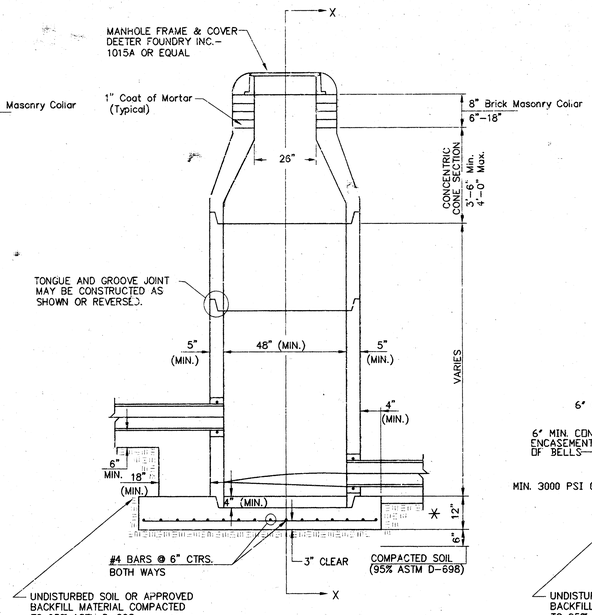
FINAL
Designed By: J. Ubert / J. Dickman
Drawn By: M. Perez
Poe Job No.: 1636A
Date: February 2000
Sheet 4 of 9

G:\APPS\CCA\P\636\base.dwg Wed May 17 11:57:10 2000 Jason Dickman - Poe & Associates of Kansas, Inc.

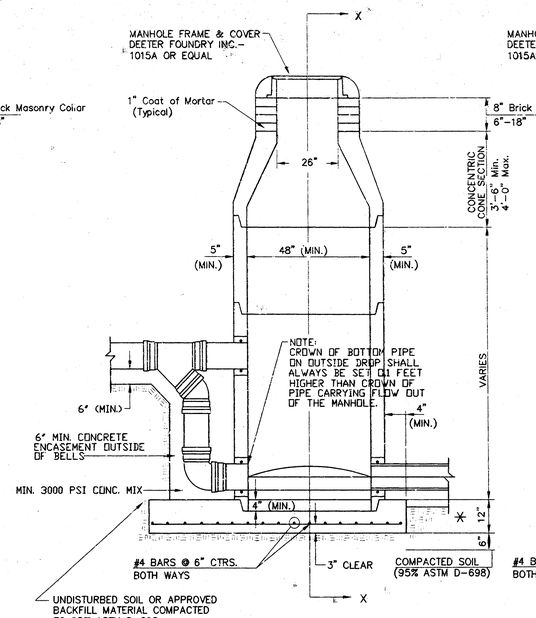
SEWER APPURTENANCES DETAILS



TYPE P
STANDARD MANHOLE



TYPE P
INSIDE DROP MANHOLE



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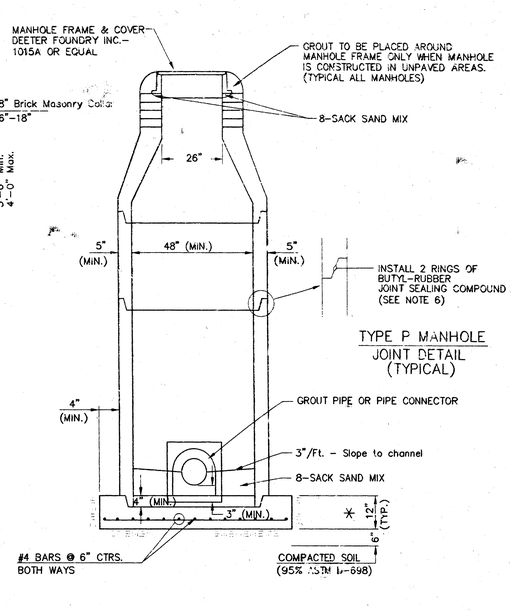
OUTSIDE DROP MANHOLE



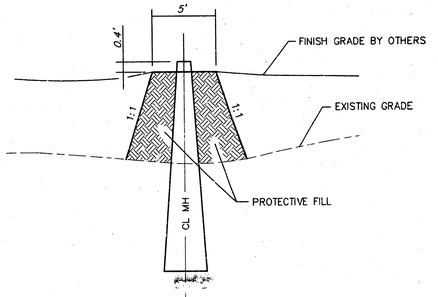
SECTION X
(TYPICAL)

GENERAL NOTES

PRECAST MANHOLE NOTES

1. ALL PRECAST CONCRETE MANHOLE SECTIONS SHALL CONFORM TO THE LATEST REVISIONS OF A.S.T.M. C478 AS MODIFIED BY THE SPECIFICATIONS.
2. NON–SHRINK GROUT SHALL BE NON–METALLIC TYPE.
3. APPROVED FLEXIBLE WATERSTOP GASKETS SHALL BE INSTALLED TO JOIN THE SEWER TO THE MANHOLE WALL WHEN A.B.S. COMPOSITE PIPE OR P.V.C. PIPE IS USED. FOR OTHER TYPES OF PIPE THE SEWER SHALL BE GROUTED IN PLACE WITH NON–SHRINK GROUT. THE SEWER PIPE SHALL BE SUPPORTED WITH CONCRETE ENCASEMENT A MINIMUM OF 3 FEET FROM THE MANHOLE WALL AND TO THE FIRST JOINT FOR V.C.P. SUCH THAT THE JOINT REMAINS FLEXIBLE.
4. ALL INSIDE SURFACES OF THE CONCRETE MANHOLE WHICH WOULD BE EXPOSED TO SEWER GAS SHALL BE COATED WITH 2 COATS TNEMEC SERIES 66 HI–BUILD EPOXOLINE, DRY THICKNESS OF 8 MILS (MIN.)
5. EXTERIOR MANHOLE WALLS SHALL BE COATED WITH 1 COAT MOBILARMA 633 BITUMINOUS COATING.
6. JOINT SEALING COMPOUND SHALL BE KENT SEAL NO. 2 OR APPROVED EQUAL.
7. PRECAST MANHOLES SHALL BE SET AT LEAST 4 INCHES INTO THE MANHOLE BASE.
8. TOP OF MANHOLE FLOOR SLAB SHALL BE AT LEAST 3 INCHES BELOW THE FLOW LINE OF THE OUTLET PIPE TO INSURE SUFFICIENT MINIMUM THICKNESS OF SHAPED INVERT.
9. LIFTING HOLES SHALL BE FILLED WITH NON–SHRINK GROUT AND THE INTERIOR SURFACE COATED AS SPECIFIED.
10. MORTAR USED IN MASONRY CONSTRUCTION SHALL CONTAIN 8 SACKS OF CEMENT PER CUBIC YARD. CONCRETE USED IN MANHOLE BASES SHALL CONFORM TO THE REQUIREMENTS OF CONCRETE FOR CONCRETE PAVEMENT CONSTRUCTION AS SPECIFIED IN THE CITY STANDARD PAVING SPECIFICATIONS USING CITY CONCRETE PAVEMENT MIX WITHOUT AIR ENTRAINING ADMIXTURE. MORTAR SHALL BE PLACED AROUND THE MANHOLE RING AS SHOWN ON THE DRAWINGS WHEN MANHOLES ARE CONSTRUCTED IN UNPAVED AREAS. MANHOLES CONSTRUCTED WHERE PIPE SIZES ARE SMALLER THAN 24" SHALL HAVE AN INSIDE DIAMETER OF 4'. MANHOLES CONSTRUCTED WHERE PIPE SIZES ARE 24" OR LARGER SHALL HAVE AN INSIDE DIAMETER OF 5'. COMPLETED MANHOLE SHALL BE WITHOUT LEAKS AND WATER TIGHT.
11. REINFORCING STEEL SHALL BE INSTALLED IN THE MANHOLE BASES AND SHALL CONSIST OF NO. 4 BARS PLACED ON 6" CENTERS IN BOTH DIRECTIONS. THE MANHOLE BASE REINFORCEMENT SHALL BE PLACED AT LEAST 3" ABOVE THE BOTTOM OF THE MANHOLE BASE. ALL COSTS FOR FURNISHING AND INSTALLING REINFORCING STEEL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE MANHOLE.
12. OPENINGS SHALL BE CUT INTO THE MANHOLE WHEN OUTSIDE DROPS ARE CONSTRUCTED ON EXISTING MANHOLES. SUCH OPENINGS CUT INTO EXISTING MANHOLES SHALL BE AS SMALL AS PRACTICAL TO FACILITATE INSTALLING AND GROUTING THE NEW PIPE IN PLACE. WATERSTOP GASKETS SHALL BE USED WITH P.V.C. AND A.B.S. COMPOSITE PIPE. THE NEW PIPE SHALL BE GROUTED INTO THE OPENING USING AN APPROVED NONSHRINK GROUT FOR THE FULL MANHOLE WALL THICKNESS. THE EXTERIOR OF THE COMPLETED CONNECTION SHALL BE SEALED WITH AN APPROVED BITUMINOUS COATING SUCH THAT THE CONNECTION WILL BE WATER TIGHT. FLOOR OF MANHOLE SHALL BE MODIFIED TO FORM NEW FLOW CHANNEL FOR THE NEW CONNECTION AS INDICATED BY THE DRAWING. THIS WORK, INCLUDING MODIFICATION OF MANHOLE FLOOR, SHALL BE PAID FOR AT THE UNIT PRICE BID FOR OUTSIDE DROP STACK CONSTRUCTED ON EXISTING MANHOLE.
13. THE FLOORS OF ALL MANHOLES SHALL BE SHAPED WITH FLOW CHANNELS SUCH THAT THE MANHOLES WILL BE SELF CLEANING AND FREE OF AREAS WHERE SOLIDS COULD BE DEPOSITED AS SEWAGE FLOWS THROUGH THE MANHOLE FROM ALL INLET PIPES TO THE OUTLET PIPE. FLOW CHANNELS SHALL BE FORMED TO MATCH THE BOTTOM HALVES OF THE INFLOWING PIPES AND THE OUTFLOWING PIPE AS SHOWN BY THE DRAWINGS EXCEPT FOR INSIDE DROP MANHOLES. FLOW CHANNELS FOR INSIDE DROP MANHOLES SHALL BE CONSTRUCTED AS INDICATED BY THE DRAWING. MANHOLE FLOORS SHALL HAVE SLOPES OF 3 INCHES PER FOOT IN THE AREAS OUTSIDE OF THE FLOW CHANNELS SLOPED TOWARD THE FLOW CHANNELS. PIPES LAID THROUGH MANHOLES SHALL HAVE THE TOP HALF REMOVED TO THAT LINES FOR THE FULL INSIDE DIAMETER OF THE MANHOLE. MANHOLE FLOORS SHALL THEN BE SHAPED AROUND THE BOTTOM HALF OF THE PIPE WHICH FORMS THE FLOW CHANNEL.
14. PIPES INSTALLED WITHIN THE EXCAVATION MADE FOR THE MANHOLE SHALL BE CRADLED WITH CONCRETE TO THE LIMITS OF THE MANHOLE EXCAVATION. WHEN CLAY PIPE IS USED, THE CRADLE SHALL EXTEND TO THE FIRST JOINT OUTSIDE THE MAHOLE. THE CRADLE SHALL BE TERMINATED AT THE CLAY PIPE JOINT IN A MANNER WHICH WILL MAINTAIN THE FLEXIBILITY OF THE JOINT. COST OF CRADLE WITHIN MANHOLE EXCAVATION OR TO CLAY PIPE JOINTS ADJACENT TO MANHOLE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE MANHOLE.
15. MANHOLE COVER CASTINGS AND MANHOLE FRAME CASTINGS SHALL CONFORM TO THE REQUIREMENTS AS INDICATED IN THE STANDARD SPECIFICATIONS AND AS SHOWN IN THE STANDARD DETAIL DRAWING.
16. THE VERTICAL DROP IN INSIDE DROP MANHOLES SHALL NOT EXCEED 2' FOR INFLOWING PIPES SIZED 12" OR SMALLER AND 2' FOR INFLOWING PIPES LARGER THAN 12". THE CROWNS OF INFLOWING PIPES SHALL NEVER BE SET LOWER THAN THE CROWN OF THE OUTFLOWING PIPE.
17. STANDARD MANHOLES AND STANDARD INSIDE DROP MANHOLES SHALL BE BID AS STANDARD MANHOLES FOR THE TYPE AND DIAMETER INDICATED. OUTSIDE DROP MANHOLES SHALL BE BID AS STANDARD OUTSIDE DROP MANHOLES FOR THE TYPE AND DIAMETER INDICATED. ALL MANHOLE DIAMETERS WILL BE 4' UNLESS INDICATED OTHERWISE.
18. A BRICK MASONRY COLLAR SHALL BE INSTALLED BETWEEN THE CAST IRON FRAME AND THE CONCENTRIC CONE. THE COLLAR WILL HAVE 8" WALLS AND A VERTICAL HEIGHT OF 6" MINIMUM AND 18" MAXIMUM. A 1" COAT OF MORTAR WILL BE PLASTERED ON THE OUTSIDE OF THE COLLAR. THE USE OF PRE–CAST CONCRETE SPACERS FOR MANHOLE TOP ADJUSTMENT IS ALSO ALLOWED.

* 19. ALL MANHOLE BASE CONSTRUCTION THAT OCCURS IN THE FIELD MUST HAVE A MINIMUM OF EIGHT INCHES OF CONCRETE BELOW THE MANHOLE WALL AND THE WALL SECTION SHOULD EXTEND FOUR INCHES INTO THE BASE RESULTING IN A MINIMUM TOTAL BASE THICKNESS OF 12 INCHES. MONOLITHIC BASE SECTIONS CONSTRUCTED IN THE FACTORY AND CURED AS PER ASTM C478 MUST HAVE A MINIMUM EIGHT INCH THICK CONCRETE BASE. BASE SECTIONS CONSTRUCTED IN THE FACTORY UTILIZING A PREVIOUSLY MANUFACTURED MANHOLE WALL SECTION, AS OUTLINED IN THE ABOVE PARAGRAPH, MUST HAVE A MINIMUM BASE THICKNESS OF EIGHT INCHES WITH THE WALL SECTION EXTENDING FOUR INCHES INTO THE BASE AND BE MANUFACTURED IN COMPLIANCE WITH ASTM C478.



PROTECTIVE FILL AT MANHOLE

NOT TO SCALE

MINIMUM PROTECTIVE FILL SHALL BE PROVIDED IN ALL INSTANCES WHERE MH TOP IS GREATER THAN 0.4' ABOVE EXISTING GROUND. (COST SUBSIDIARY TO MH INSTALLATION.) (TYPICAL ALL SHEETS.)

ABERDEEN 3RD ADDITION
TYPE "P" MANHOLE DETAILS

CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, P.E. – CITY ENGINEER
Proj. No. 748-89402 OCA # 734950

POE & ASSOCIATES OF KANSAS, INC.
3444 E. Camelot, Suite 300 ■ Wichita, KS 67208 ■ 316/685-4114 ■ Fax 316/685-4444

FINAL

Engineer: J. Ubert / J. Dickman
Drawn By: M. Perez
Poe Job No: 1056A
Date: February 2000

Sheet 5 of 9

G:\APPS\DCA\P\056\base.dwg Wed May 17 13:18:38 2000 Jason Dickman - Poe & Associates of Kansas, Inc.

G:\APPS\DCA\P\656\Stakeout.dwg Wed May 17 12:13:43 2000 Jason Dickman - Poe & Associates of Kansas, Inc.

GRAPHIC SCALE
0 100 200
(IN FEET)
1 INCH = 100 FT.

POINT	NORTHING	EASTING
2000	10949.734	12165.734
2001	10961.899	12573.115
2002	10967.440	12659.005
2003	10967.316	13151.763
2004	10966.358	12066.796
2005	10968.018	13151.763
2006	10725.815	12238.049
2007	10680.941	12238.440
2008	10681.537	12444.900
2009	10681.537	12485.761
2010	10677.810	12485.79
2011	10683.402	12491.133
2012	10677.810	12485.79
2013	10687.371	12552.754
2014	10687.371	12490.922
2015	10677.887	12563.169
2016	10633.090	12446.598
2017	10633.090	12552.739
2018	10633.536	12554.099
2019	10622.842	12238.738
2020	10622.842	12238.574
2021	10486.688	12238.574
2022	10366.132	12065.061
2023	10289.308	12249.837
2024	10287.895	12435.548
2025	10287.895	12435.548
2026	10208.888	12436.110
2027	10211.447	12490.922
2028	10211.537	12485.761
2029	10077.810	12485.79
2030	10212.215	12666.013
2031	10081.812	12667.323
2032	10081.188	12462.512
2033	10081.188	12462.512
2034	10238.963	12214.688
2035	10044.991	12042.949
2036	10044.991	12042.949
2037	10365.205	11882.864
2038	10079.791	11902.500
2039	10184.781	12043.962
2040	10184.781	12043.962
2041	10173.255	12158.781
2042	10134.127	12105.867
2043	10134.127	12158.781
2044	10067.974	12239.667
2045	10067.974	12239.667
2046	10018.540	12169.548
2047	9940.853	12178.300
2048	9940.853	12178.300
2049	9928.675	11898.802

POINT	NORTHING	EASTING
2050	9872.834	11940.774
2051	10028.721	11803.707
2052	10028.721	11803.707
2053	9944.660	12220.823
2054	9874.544	12259.889
2055	9872.860	11773.385
2056	9845.513	11960.815
2057	9722.178	11841.517
2058	9722.178	11841.517
2059	9715.139	12296.785
2060	9707.461	12235.547
2061	9707.461	12235.547
2062	9698.142	12446.787
2063	9641.145	12446.157
2064	9641.145	12446.787
2065	9642.717	12300.579
2066	9642.717	12300.579
2067	9598.354	12555.598
2068	9598.354	12555.598
2069	9490.259	12554.714
2070	9490.259	12554.714
2071	9458.557	12446.612
2072	9450.137	12277.680
2073	9458.553	12240.399
2074	9458.553	12240.399
2075	9388.441	12172.281
2076	9388.846	12100.937
2077	9221.031	12133.620
2078	9202.578	12234.377
2079	9202.578	12234.377
2080	9217.097	12286.645
2081	9190.632	12344.166
2082	9190.632	12344.166
2083	9131.103	12374.439
2084	9107.342	12472.809
2085	9444.168	11862.337
2086	9444.168	11862.337
2087	9260.344	11766.868
2088	9287.444	11541.892
2089	9287.444	11541.892
2090	9208.145	11541.595
2091	9124.353	11581.817
2092	9028.842	11285.566
2093	9124.353	11581.817
2094	8931.107	11444.338
2095	9004.078	11520.244
2096	9004.078	11520.244
2097	8934.679	11465.920
2098	9072.176	11561.175
2099	9110.969	11581.278

POINT	NORTHING	EASTING
2100	9677.569	11628.018
2101	9654.592	11613.365
2102	9654.592	11613.365
2103	9000.189	11748.743
2104	9940.991	11724.420
2105	8835.207	11983.479
2106	8776.185	11987.228
2107	8776.185	11987.228
2108	8790.519	11871.081
2109	8825.427	11981.237
2110	8825.427	11981.237
2111	8943.133	11960.097
2112	8811.127	11493.091
2113	8811.127	11493.091
2114	8580.445	11387.915
2115	8844.998	11988.334
2116	8844.998	11988.334
2117	8598.127	11955.975
2118	8658.180	11924.212
2119	8598.383	11953.369
2120	8567.085	11941.595
2121	8567.085	11941.595
2122	8454.219	11957.410
2123	8451.390	11600.382
2124	8451.390	11600.382
2125	8411.673	11557.637
2126	8411.673	11557.637
2127	8398.804	11611.003
2128	8016.883	12388.265
2129	8016.883	12388.265
2130	8040.352	12401.813
2131	8035.462	12326.841
2132	8035.462	12326.841
2133	8018.636	12245.581
2134	8968.880	12340.875
2135	8977.760	12441.846
2136	8977.760	12441.846
2137	8827.045	12401.034
2138	8770.924	12545.193
2139	8726.222	12498.382
2140	8726.222	12498.382
2141	8726.282	12652.770
2142	8726.609	12682.321
2143	8688.782	12682.441
2144	8688.782	12682.441
2145	8668.812	12680.853
2146	8654.984	12504.973
2147	8530.020	12682.434
2148	8530.020	12682.434
2149	8529.476	12545.482

POINT	NORTHING	EASTING
2150	8459.002	12558.412
2151	8448.535	12501.384
2152	8448.980	12501.678
2153	8388.980	12501.678
2154	8298.704	12486.160
2155	8298.185	12543.385
2156	8295.031	12541.850
2157	8295.031	12541.850
2158	8170.192	12354.178
2159	8170.192	12354.178
2160	7957.699	12408.703
2161	8499.438	11995.178
2162	8827.398	12027.912
2163	8827.398	12027.912
2164	8407.858	12125.640
2165	8461.527	12077.938
2166	8329.217	12070.847
2167	8329.248	11780.527
2168	8329.248	11780.527
2169	7903.754	12033.772
2170	7927.534	12094.954
2171	7927.534	12094.954
2172	7711.500	12128.605
2173	7865.519	12218.601
2174	7865.519	12218.601
2175	7543.859	12152.589
2176	7543.394	12152.393
2177	7543.859	12152.589
2178	8152.260	12063.409
2179	8152.260	12063.409
2180	8383.448	11808.538
2181	8329.511	11840.918
2182	8329.511	11840.918
2183	8482.607	11651.044
2184	8206.969	11546.021
2185	8034.055	11536.613
2186	8063.009	11347.338
2187	8063.009	11347.338
2188	8067.607	11623.467
2189	10901.960	12199.886

No.	Date	By	Approved	Revision
1				
2				
3				
4				

FINAL
Designed By: J. Ubert / J. Dickman
Drawn By: M. Perez / J. Dickman
Poe Job No.: 1656A
Date: March 2000
Sheet 6 of 6

POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
5940 E. Central, Suite 200 ■ Wichita KS 67208 ■ 316/685-4114 ■ Fax 316/685-4444

ABERDEEN 3RD ADDITION
COORDINATE POINTS LIST
CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, P.E. – CITY ENGINEER
Proj. No. 468-83004 OCA# 743833

No.	Date	By	Description	Rev. Comm.
1				
2				
3				
4				

CITY OF WICHITA, KANSAS

COORDINATE POINTS LIST

ABERDEEN 3RD ADDITION

MICHAEL E. LINDRAY, P.E. - CITY ENGINEER

Proj No. 488-83004 DCA# 743833

POE & ASSOCIATES OF KANSAS, INC.

3940 E. Lincoln, Suite 200 ■ Wichita, KS 67208 ■ 316/686-4114 ■ Fax 316/686-4444

FINAL

Designed By: J. Ubert / J. Dickman

Drawn By: M. Perez / J. Dickman

Poe Job No.: 1536A

Date: March 2000

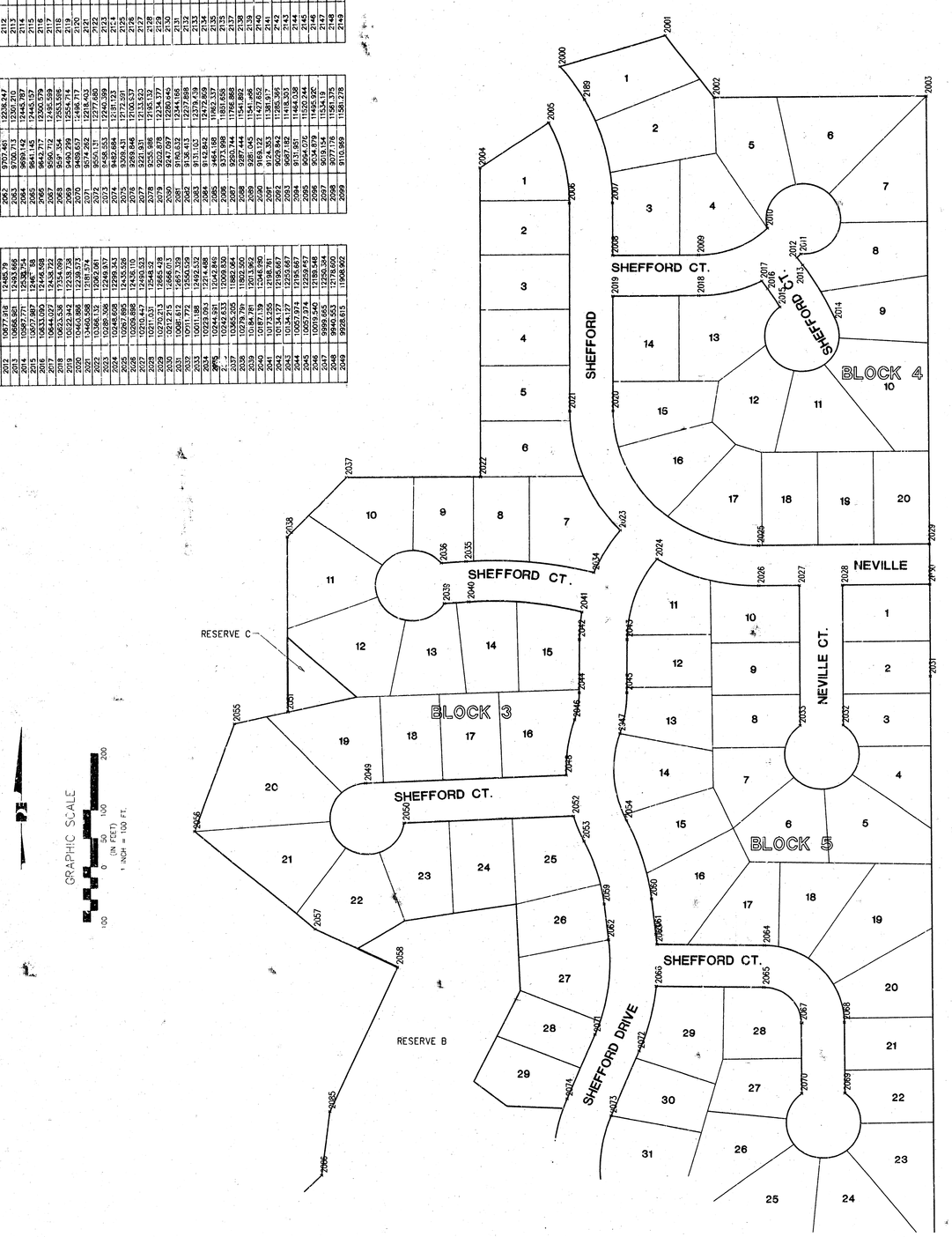
Sheet 7 of 9

POINT	NORTHING	EASTING
2101	9677.894	11962.774
2102	8997.710	11967.841
2103	9700.188	11968.473
2104	8402.487	11967.339
2105	8402.487	11963.479
2106	8831.290	11963.477
2107	8772.185	11901.228
2108	8767.318	11901.227
2109	8667.318	11945.457
2110	9625.457	11897.29
2111	9743.193	11900.097
2112	9801.193	11946.064
2113	9801.193	11953.078
2114	8565.445	11957.945
2115	8644.998	11968.324
2116	8669.177	11968.475
2117	8696.854	11941.876
2118	8558.180	11914.212
2119	8508.383	11854.389
2120	8508.383	11740.359
2121	9450.385	11740.359
2122	9434.219	11657.410
2123	9451.387	11609.997
2124	9451.387	11609.997
2125	9411.679	11609.331
2126	9398.778	11975.988
2127	9398.778	12000.988
2128	9584.599	12472.768
2129	9075.893	13398.755
2130	9403.302	12402.813
2131	9403.302	12404.534
2132	8981.506	12404.534
2133	8979.636	12340.561
2134	8968.986	12340.875
2135	8970.760	12446.846
2136	8971.726	12446.846
2137	8857.045	12401.034
2138	8774.924	12345.193
2139	8774.924	12345.193
2140	8702.849	12326.676
2141	8726.899	12326.441
2142	8726.899	12682.441
2144	8868.285	12653.411
2145	9058.512	12852.983
2146	8953.394	12557.832
2148	8519.099	12488.454
2149	8529.476	12545.482

POINT	NORTHING	EASTING
2001	9677.894	11962.774
2002	9682.536	12168.550
2053	9647.660	12202.898
2054	9975.444	12258.389
2055	9975.444	12258.389
2056	9980.289	11976.735
2057	9721.178	11941.917
2058	9668.351	11942.819
2059	9668.351	11942.819
2060	9785.575	12953.715
2061	9715.139	12998.785
2062	9700.761	12998.744
2063	9700.761	13201.210
2064	9699.142	12445.787
2065	9641.145	12445.157
2066	9641.737	12496.339
2067	9656.712	12496.599
2068	9659.354	12553.596
2069	9449.299	12554.714
2070	9449.299	12446.787
2071	9574.262	12216.433
2072	8554.131	12277.680
2073	8548.353	12240.389
2074	8548.353	12171.151
2075	9306.431	12173.391
2076	9269.846	12106.537
2077	9221.891	12135.120
2078	9221.891	12135.120
2079	9203.878	12234.177
2080	9247.097	12260.640
2081	9196.832	12317.898
2082	9196.832	12317.898
2083	9131.103	12379.439
2084	9142.842	12478.809
2085	9197.188	12478.809
2086	9197.188	11831.836
2087	9993.744	11796.868
2088	9287.444	11541.892
2089	9287.444	11541.892
2090	9169.122	11427.832
2091	9124.353	11381.917
2092	9003.842	11265.395
2093	9003.842	11265.395
2094	8131.261	11464.038
2095	9994.076	11520.744
2096	9034.879	11464.192
2097	9034.879	11464.192
2098	8077.176	11561.375
2099	9110.869	11561.278

POINT	NORTHING	EASTING
2001	10946.794	12196.794
2002	10964.595	12374.600
2003	10964.595	12374.600
2053	10967.453	12636.005
2054	11089.026	12609.786
2055	11089.026	12609.786
2056	10758.515	12160.000
2057	10756.815	12238.349
2058	10680.941	12238.440
2059	10680.941	12238.440
2060	10726.197	12446.050
2061	10683.402	12491.133
2062	10677.318	12485.166
2063	10677.318	12485.166
2064	10947.771	12536.754
2065	10607.887	12467.185
2066	10643.099	12443.798
2067	10643.099	12443.798
2068	10623.538	11754.099
2069	10622.942	12238.728
2070	10622.942	12238.728
2071	13460.988	12181.374
2072	10366.132	12082.081
2073	10280.306	12249.307
2074	10280.306	12249.307
2075	10267.995	12455.529
2076	10209.868	12436.110
2077	10210.427	12460.553
2078	10210.427	12460.553
2079	10270.213	12685.408
2080	10212.215	12686.013
2081	10081.912	12957.729
2082	10081.912	12957.729
2083	10011.188	12492.532
2084	10229.093	12214.488
2085	10244.881	12042.880
2086	10244.881	12042.880
2087	10365.265	11882.064
2088	10278.791	11802.900
2089	10181.189	12548.882
2090	10174.295	12198.761
2091	10134.177	12195.667
2092	10057.374	12195.667
2093	10057.374	12194.667
2094	10057.374	12259.467
2095	10019.945	12189.346
2096	9940.553	12178.934
2097	9940.553	12178.600
2098	9928.615	11908.902

POINT	NORTHING	EASTING
2001	10946.794	12196.794
2002	10964.595	12374.600
2003	10964.595	12374.600
2053	10967.453	12636.005
2054	11089.026	12609.786
2055	11089.026	12609.786
2056	10758.515	12160.000
2057	10756.815	12238.349
2058	10680.941	12238.440
2059	10680.941	12238.440
2060	10726.197	12446.050
2061	10683.402	12491.133
2062	10677.318	12485.166
2063	10677.318	12485.166
2064	10947.771	12536.754
2065	10607.887	12467.185
2066	10643.099	12443.798
2067	10643.099	12443.798
2068	10623.538	11754.099
2069	10622.942	12238.728
2070	10622.942	12238.728
2071	13460.988	12181.374
2072	10366.132	12082.081
2073	10280.306	12249.307
2074	10280.306	12249.307
2075	10267.995	12455.529
2076	10209.868	12436.110
2077	10210.427	12460.553
2078	10210.427	12460.553
2079	10270.213	12685.408
2080	10212.215	12686.013
2081	10081.912	12957.729
2082	10081.912	12957.729
2083	10011.188	12492.532
2084	10229.093	12214.488
2085	10244.881	12042.880
2086	10244.881	12042.880
2087	10365.265	11882.064
2088	10278.791	11802.900
2089	10181.189	12548.882
2090	10174.295	12198.761
2091	10134.177	12195.667
2092	10057.374	12195.667
2093	10057.374	12194.667
2094	10057.374	12259.467
2095	10019.945	12189.346
2096	9940.553	12178.934
2097	9940.553	12178.600
2098	9928.615	11908.902



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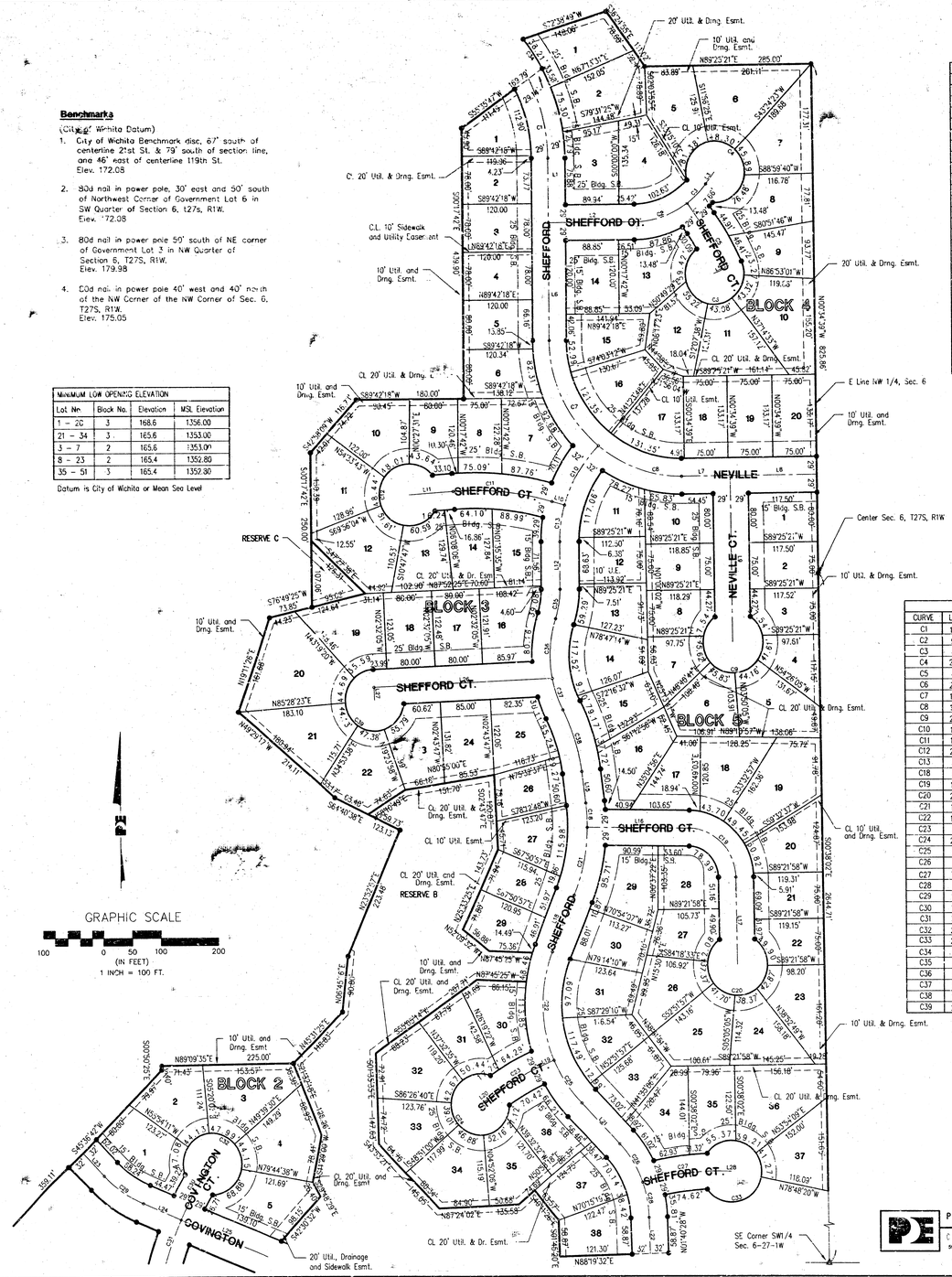

Benchmarks

(City of Wichita Datum)

1. City of Wichita Benchmark disc, 67' south of centerline 21st St. & 79' south of section line, and 46' east of centerline 119th St. Elev. 172.08
2. 80d nail in power pole, 30' east and 50' south of Northwest Corner of Government Lot 6 in SW Quarter of Section 6, T27S, R1W. Elev. 172.08
3. 80d nail in power pole 50' south of NE corner of Government Lot 3 in NW Quarter of Section 6, T27S, R1W. Elev. 179.98
4. 60d nail in power pole 40' west and 40' north of the NW Corner of the NW Corner of Sec. 6, T27S, R1W. Elev. 175.05

MINIMUM LOW OPENING ELEVATION			
Lot No.	Block No.	Elevation	MSL Elevation
1 – 20	3	168.6	1356.00
21 – 34	3	165.6	1353.00
3 – 7	2	165.6	1353.00
8 – 23	2	165.4	1352.80
35 – 51	3	165.4	1352.80

Datum is City of Wichita or Mean Sea Level

LINE TABLE		
LINE	LENGTH	BEARING
L1	104.86'	N00°17'42"W
L2	104.36'	N89°42'18"E
L3	24.67'	S38°04'04"W
L4	40.24'	S35°45'20"E
L5	21.00'	S60°27'23"W
L6	191.06'	N00°17'42"W
L7	83.42'	S89°25'21"W
L8	146.50'	S89°25'21"W
L9	269.00'	N00°34'39"W
L10	21.74'	S74°24'39"E
L11	73.83'	S85°54'55"W
L12	76.15'	S00°00'00"W
L13	50.60'	S06°53'54"E
L16	175.37'	S89°22'38"E
L17	141.79'	N00°38'02"W
L18	96.86'	S22°0'.03"W
L19	26.05'	S67°08'14"W
L20	41.44'	N55°42'05"E
L21	91.94'	S43°42'10"E
L22	58.87'	S01°40'28"E
L23	52.02'	S44°23'18"E
L24	71.02'	S67°39'46"E
L25	176.02'	S67°39'46"E
L26	304.02'	S87°27'55"W
L27	21.00'	S02°32'05"E
L28	8.69'	S88°30'52"E

CURVE TABLE						
CURVE	LENGTH	RADIUS	TANGENT	CHORD	BEARING	DELTA
C1	134.41'	272.00'	68.61'	133.04'	N14°27'04"W	28°18'45"
C2	99.02'	160.00'	51.16'	97.45'	N71°58'29"E	35°27'38"
C3	45.17'	160.00'	22.74'	45.02'	N46°09'22"E	16°10'55"
C4	252.05'	50.00'	35.76'	58.19'	N50°46'47"W	288°49'42"
C5	85.14'	399.43'	42.73'	84.97'	N29°38'59"W	12°12'44"
C6	224.30'	50.00'	62.82'	78.24'	S75°01'36"E	257°02'01"
C7	196.64'	223.00'	105.23'	190.33'	N25°33'24"W	50°31'23"
C8	154.75'	223.00'	80.64'	151.66'	S70°41'52"E	39°45'34"
C9	252.29'	50.00'	35.60'	58.00'	N89°25'21"E	289°05'56"
C10	112.77'	217.00'	57.69'	111.49'	S30°39'20"W	29°46'31"
C11	171.69'	500.00'	86.70'	170.84'	N86°14'52"W	19°40'26"
C12	252.29'	50.00'	35.60'	58.00'	N04°05'05"W	289°05'56"
C13	59.72'	217.00'	30.05'	59.54'	S07°53'05"W	15°46'10"
C18	39.34'	300.00'	19.70'	39.31'	N03°08'01"W	07°30'46"
C19	123.91'	80.00'	78.26'	111.89'	N45°00'20"W	88°44'36"
C20	252.29'	50.00'	35.60'	58.00'	N89°21'58"E	289°05'56"
C21	112.72'	300.00'	57.03'	112.06'	N11°23'13"E	21°31'41"
C22	180.70'	230.00'	95.30'	176.08'	S00°21'21"E	45°00'49"
C23	79.84'	400.00'	40.05'	79.70'	S81°25'10"W	11°26'09"
C24	252.29'	50.00'	35.60'	58.00'	S34°17'52"E	289°05'56"
C25	83.66'	230.00'	42.30'	83.20'	S33°16'58"E	20°50'24"
C26	73.71'	180.00'	37.35'	73.20'	N31°58'17"W	23°27'46"
C27	146.61'	500.00'	73.84'	146.09'	N83°05'07"E	16°48'03"
C28	58.33'	180.00'	29.42'	58.07'	N10°57'26"W	18°33'56"
C29	91.24'	200.00'	41.19'	80.69'	S56°01'32"E	23°16'28"
C30	105.81'	520.00'	53.09'	105.63'	S31°35'01"W	11°39'31"
C31	273.11'	520.00'	139.78'	269.98'	S10°12'29"W	30°05'33"
C32	252.23'	50.00'	35.64'	58.04'	N55°10'57"W	289°02'10"
C33	252.23'	50.00'	35.64'	58.04'	N00°02'24"E	289°02'14"
C34	58.21'	301.00'	29.20'	58.12'	S34°42'27"E	11°04'48"
C35	49.18'	155.76'	24.80'	48.98'	N09°02'46"E	18°05'32"
C36	97.74'	193.14'	49.94'	96.70'	S03°35'39"W	28°59'45"
C37	54.02'	193.14'	27.19'	53.84'	S18°54'58"E	16°01'29"
C38	105.70'	302.23'	53.40'	105.16'	N16°54'33"W	20°02'18"
C39	227.58'	50.00'	58.76'	76.16'	S42°55'52"E	260°47'35"

STATE OF KANSAS, COUNTY OF SEDGWICK: ss.

I, Kenny E. Hill, being a duly licensed Land Surveyor in said County and State, do hereby certify that I have been in responsible charge of surveying and platting "ABERDEEN 3RD ADDITION" to Wichita, Kansas, located in the West Half of Section 6, Township 27 South, Range 1 West of the 6th P.M. Sedgwick County, Kansas, being described as follows:

Beginning at the Southeast Corner of the Southwest Quarter of Section 6, Township 27 South, Range 1 West of the 6th P.M. Sedgwick County, Kansas, thence North along the East line of the Southwest Quarter of said Section 6 on an assumed bearing of N00°38'02"W for a distance of 2544.71 feet to the Center of said Section 6; thence N00°34'39"W on the West line of the Northwest Quarter of said Section 6 for a distance of 825.86 feet to the Southeast corner of Lot 43, Block 1, Aberdeen Second Addition; thence S89°25'21"W for a distance of 285.00 feet along the southerly line of Aberdeen Second Addition; thence N36°24'55"W for a distance of 111.02 feet; thence S72°38'49"W for a distance of 148.06 feet; thence southeasterly on a circular curve having, a radius of 301.00 feet and a central angle of 11°04'48", being north of a 58.12 foot chord bearing S34°42'27"E for an arc distance of 58.21 feet; thence S55°35'47"W for a distance of 163.79 feet; thence S00°17'42"E for a distance of 439.90 feet; thence S89°42'18"W for a distance of 180.00 feet; thence S42°58'09"W for a distance of 116.73 feet; thence S00°17'42"E for a distance of 250.00 feet; thence S76°49'25"W for a distance of 73.85 feet; thence S19°11'26"W for a distance of 161.68 feet; thence S49°29'17"E for a distance of 214.11 feet; thence S64°40'38"E for a distance of 123.13 feet; thence S23°52'57"W for a distance of 223.48 feet; thence S06°45'16"W for a distance of 90.80 feet; thence S45°31'25"W for a distance of 118.83 feet; thence S89°09'35"W for a distance of 225.00 feet; thence S00°50'25"E for a distance of 6.40 feet; thence S45°36'42"W for a distance of 359.11 feet; thence S40°46'36"E for a distance of 114.42 feet; thence S04°09'41"E for a distance of 383.76 feet; thence S55°22'55"W for a distance of 110.20 feet; thence S06°41'07"E for a distance of 439.42 feet; thence N88°30'08"E for a distance of 82.54 feet; to the Northwest corner of Evangel Assembly of God Addition; thence N88°30'08"E for a distance of 93.65 feet to a point of curve; thence on a circular curve to the left having a radius of 264.00 feet and a central angle of 88°00'22" for an arc distance of 405.59 feet; thence S89°59'44"E for a distance of 298.20 feet; thence southerly on a circular curve having, a radius of 545.00 feet and a central angle of 46°13'20", being West of a 427.84 foot chord bearing S06°02'52"W for an arc distance of 439.67 feet to a point of curve; thence on a reverse circular curve having a radius of 655.00 feet and a central angle of 17°04'04" for an arc distance of 195.12 feet; thence S67°39'46"E for a distance of 291.03 feet to a point on the South line of the Southwest Quarter of said Section 6; thence N88°30'08"E for a distance of 634.22 feet to the point of beginning, subject to road right-of-way. Previously dedicated easments or street right-of-way are hereby vacated by virtue of K.S.A. 12-512(b).

The accompanying plat is a true and correct exhibit of property surveyed.

Dated this ____ day of _____, 1999.

Poe And Associates of Kansas, Inc.

Kenny E. Hill, L.S. 984
Vice President

KNOW ALL MEN BY THESE PRESENTS:

That we, the undersigned, have caused the land described in the Surveyor's Certificate to be platted into lots, blocks, streets and reserves. The streets are hereby dedicated to and for the use of the public. Easements are hereby granted as indicated for the construction and maintenance of drainage, a wall and utilities. Utilities may cross the wall easement. Reserve A shall permit entry monuments, lighting, landscaping, fences, walls, irrigation systems and utilities confined to easements. Reserve B and C shall permit ponds, drainage, irrigation systems, walks, recreation facilities, and utilities confined to easements. The reserves are to be owned and maintained by a property owners association its successors and assigns. All abuters' right of access to or from 21st Street North over and across the South line of Lot 51, Block 3 and Reserve B, except for one opening to Lot 51 are hereby granted to the City of Wichita. The minimum low opening elevation, for homes built on Lots 1 through 20, Block 3 shall be 168.6 City Datum (1356.00 MSL Datum), for homes built on Lots 21 through 34, Block 3 and Lots 3 through 7, Block 2 shall be 165.6 City Datum (1353.00 MSL Datum) and for homes built on Lots 8 through 23, Block 2 and Lots 35 through 51, Block 3 shall be 165.4 City Datum (1352.8 MSL Datum).

The Neville Family Trust III.

3AH–Inc.

Gregory Alan Neville, Trustee

Mathias Eck, President

Alvin Leon Neville, Trustee

Edward T. Neville, Trustee

Rita A. Neville, Trustee

STATE OF KANSAS, COUNTY OF SEDGWICK: ss.

This instrument was acknowledged before me on this ____ , day of _____ , 1999, by Mathias Eck President of 3AH–Inc.

Notary Public

My Appointment Expires: _____

STATE OF KANSAS, COUNTY OF SEDGWICK: ss.

This instrument was acknowledged before me on this ____ , day of _____ , 1999, by Gregory Alan Neville, Alvin Leon Neville, Edward T. Neville and Rita A Neville, Trustees of the Neville Family Trust III.

Notary Public

My Appointment Expires: _____

ABERDEEN 3RD ADDITION

TO WICHITA, SEDGWICK COUNTY, KANSAS

POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
5940 E Central, Suite 200 ■ Wichita KS 67208 ■ 316/685-4114 ■ Fax 316/685-4444

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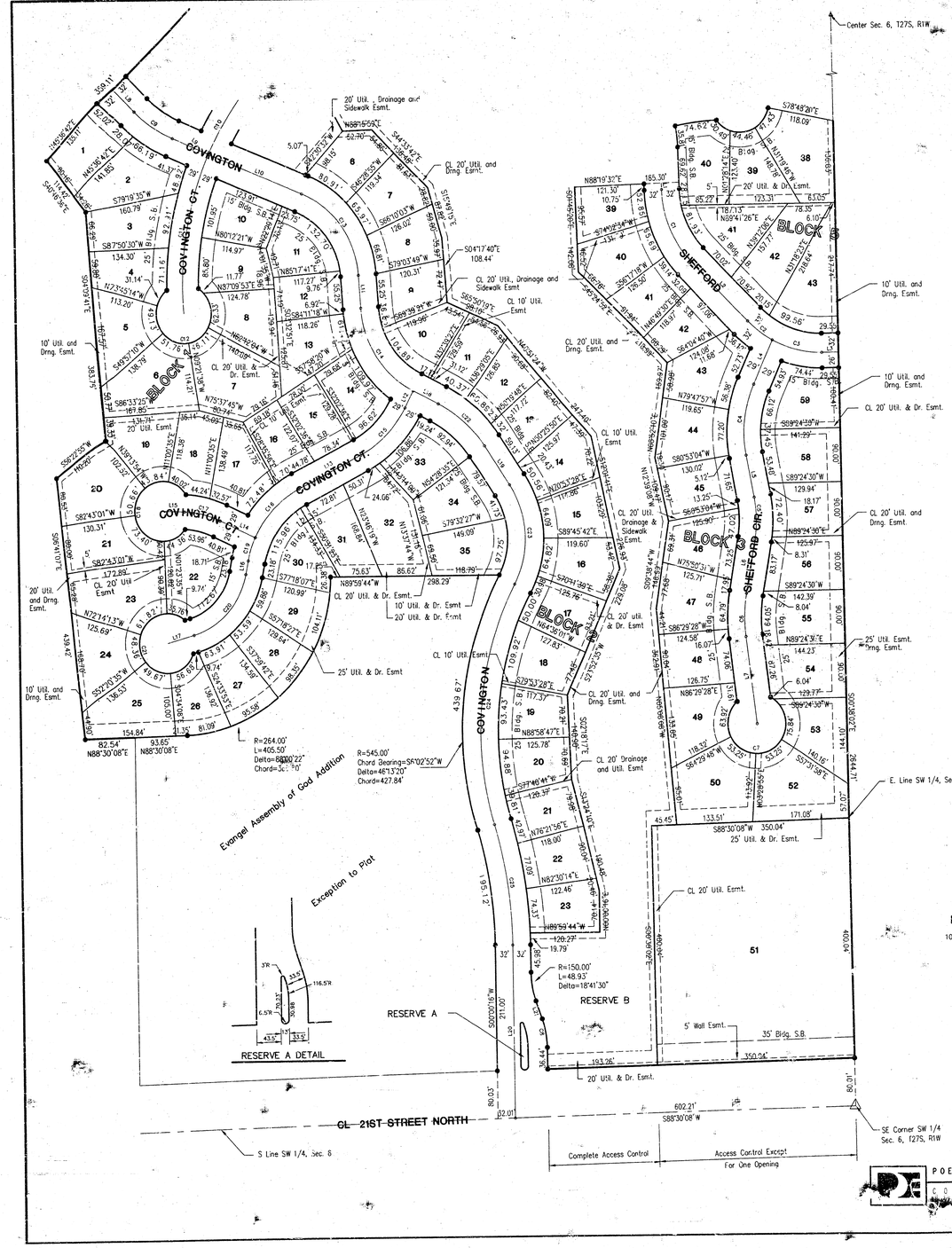

LINE TABLE		
LINE	LENGTH	BEARING
L1	10.75'	S01°40'28"E
L2	140.84'	N44°47'28"W
L3	29.55'	N89°21'58"E
L4	80.90'	S24°18'22"W
L5	71.65'	N10°23'48"W
L6	91.21'	N09°47'47"E
L7	146.41'	N08°48'32"W
L8	52.02'	S44°23'18"E
L9	71.02'	S87°39'46"E
L10	176.02'	S67°39'46"E
L11	55.25'	N03°53'41"W
L12	31.77'	S27°18'20"W
L13	123.12'	S63°15'33"W
L14	67.68'	N65°06'52"W
L15	39.12'	S87°41'37"E
L16	23.18'	N11°27'13"E
L17	50.47'	S75°02'08"W
L18	48.24'	N62°41'40"W
L19	79.57'	S34°22'06"E
L20	203.19'	N00°00'16"E
L21	31.76'	N18°41'14"W

CURVE TABLE						
CURVE	LENGTH	RADIUS	TANGENT	CHORD	BEARING	DELTA
C1	133.88'	180.00'	70.21'	130.82'	N22°58'55"W	42°37'00"
C2	53.44'	180.00'	26.92'	53.25'	N52°47'49"W	17°00'42"
C3	92.15'	180.00'	47.11'	91.14'	N75°58'06"W	29°19'52"
C4	121.14'	200.00'	62.49'	119.29'	S66°57'17"W	34°42'10"
C5	70.49'	200.00'	35.61'	70.12'	N00°18'00"W	20°11'36"
C6	72.45'	250.00'	36.48'	72.20'	N01°29'38"E	16°36'19"
C7	252.29'	50.00'	35.50'	58.00	N83°11'28"E	289°05'56"
C8	48.93'	150.00'	24.69'	48.72'	N09°20'29"W	18°41'30"
C9	81.24'	200.00'	41.19'	80.69'	N56°01'32"W	23°16'28"
C10	105.81'	520.00'	53.09'	105.63'	S31°05'01"W	11°39'31"
C11	273.11'	520.00'	139.78'	269.98'	S10°12'29"W	30°05'33"
C12	264.23'	50.00'	35.64'	58.04'	N87°24'26"E	289°02'10"
C13	178.07'	160.00'	99.53'	169.02'	N35°46'44"W	63°46'05"
C14	174.61'	170.00'	95.88'	167.03'	N33°16'13"W	58°50'54"
C15	112.95'	180.00'	58.40'	111.11'	S45°16'56"W	35°57'13"
C16	113.86'	170.00'	59.16'	111.74'	N44°04'20"E	38°22'25"
C17	66.99'	170.00'	33.94'	66.56'	N76°24'14"W	22°34'44"
C18	252.28'	50.00'	35.60'	58.00'	S02°19'03"W	289°05'43"
C19	40.84'	170.00'	20.52'	40.74'	N18°00'10"E	13°45'54"
C20	145.02'	130.00'	81.10'	137.62'	S43°04'41"W	63°54'54"
C21	252.29'	50.00'	35.60'	58.00'	S14°57'52"E	289°05'56"
C22	108.76'	220.00'	55.52'	107.66'	S48°31'53"E	28°19'34"
C23	174.96'	157.80'	97.70'	166.14'	N02°36'17"W	63°31'38"
C24	413.85'	513.00'	218.93'	402.72'	S06°02'52"W	46°13'21"
C25	204.65'	687.00'	103.00'	203.90'	S08°31'46"E	17°04'04"

This plat of ABERDEEN 3RD ADDITION to Wichita, Kansas has been submitted to and approved by this WICHITA-SEDGWICK COUNTY METROPOLITAN AREA PLANNING COMMISSION, Wichita, Kansas.

Dated this ____ , day of _____ , 1999.

WICHITA SEDGWICK COUNTY METROPOLITAN AREA PLANNING COMMISSION

_____
William M. Johnson, Chairman

_____
Marvin S. Krout, Secretary

This plat approved and all dedications shown hereon accepted by the City Council of the City of Wichita, Kansas, this ____. ____, day of _____ , 1999.

_____
Bob Knight, Mayor

_____
Pat Burnett, City Clerk

Entered on transfer record this _____ , day of _____ , 1999.

_____
James Alford, County Clerk

This is to certify that this instrument was filed for record in the Register of Deeds Office at _____ , A.M.-P.M. on the ____ , day of _____ , 1999.

_____
Blil Meek, Register of Deeds

_____
Linda Kizzire, Deputy

Benchmarks

(City of Wichita Datum)

1. City of Wichita Benchmark disc, 67' south of centerline 21st St. & 79' south of section line, and 46' east of ceiterline 119th St. Elev. 172.08
2. 80d nail in power pole, 30' east and 50' south of Northwest Corner of Government Lot 6 in SW Quarter of Section 6, T27S, R1W. Elev. 172.08
3. 80d nail in power pole 50' south of NE corner of Government Lot 3 in NW Quarter of Section 6, T27S, R1W. Elev. 179.98
4. 80d nail in power pole 40' west and 40' north of the NW Corner of the NW Corner of Sec. 6, T27S, R1W. Elev. 175.05

MINIMUM LOW OPENING ELEVATION			
Lot No.	Block No.	Elevation	MSL Elevation
1 - 20	3	168.6	1356.00
21 - 34	3	165.6	1353.00
3 - 7	2	165.6	1353.00
8 - 23	2	165.4	1352.80
35 - 51	3	165.4	1352.80

Datum is City of Wichita or Mean Sea Level

ABERDEEN 3RD ADDITION

TO WICHITA, SEDGWICK COUNTY, KANSAS

POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
[illegible] Control, Suite 200 [illegible]ville KS 67206 ■ 316/685-4114 ■ Fax 316/685-4444

SHEET 2 OF 2

17-A0-30-01

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CONSTRUCTION PLANS

SANITARY SEWER EXTENSIONS

ABERDEEN 3RD ADDITION

TO

THE CITY OF WICHITA, KANSAS

LATERAL 432, SOUTHWEST INTERCEPTOR SEWER

MICHAEL E. LINDEBAK, P.E. – CITY ENGINEER
PROJECT NO. 468-83004
OCA NO. 743833

GENERAL NOTES:

1. Existing utility lines and their location, as shown on the plans, represent the best information obtainable for design. The contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.

2. Rubble from the removal of miscellaneous structures and excess excavation which is to be wasted shall be the disposed of on sites to be provided by the Contractor. These sites shall be approved by the Engineer as to suitability, appearance and site location. Locations that, in the opinion of the Engineer, will leave an unsightly appearance will not be approved.

   All disposal sites must be approved by the Kansas Department of Health and Environment. Material either stockpiled or disposed of in a flood plain would require a Kansas State Board of Agriculture permit. Any material dumped in waters of the United States or wetlands is subject to U.S. Corps. of Engineers permitting regulations. Any material buried or stockpiled beyond approved construction limits would require additional archaeological investigations unless buried in a previously approved borrow location.

3. The Contractor shall be responsible for maintaining continuous flow of sewage through construction. Contractor's proposed method for maintaining sewage flow shall be approved by the Engineer. Cost of maintaining flow of sewage through construction will not be paid for directly and this cost shall be considered as subsidiary to the other pay items of the work.

4. The Contractor shall be responsible for preserving property irons. The Contractor will be required to re-establish any property irons which are damaged or destroyed by his construction operations. Such irons shall be re-established by a licensed land surveyor in accordance with state laws.

5. Trees and shrubs in public right-of-way which are in direct conflict with proposed new construction shall be removed by the Contractor with the Engineer's approval. Trees and shrubs which are not in direct conflict with the proposed new construction shall be saved and protected from damage.

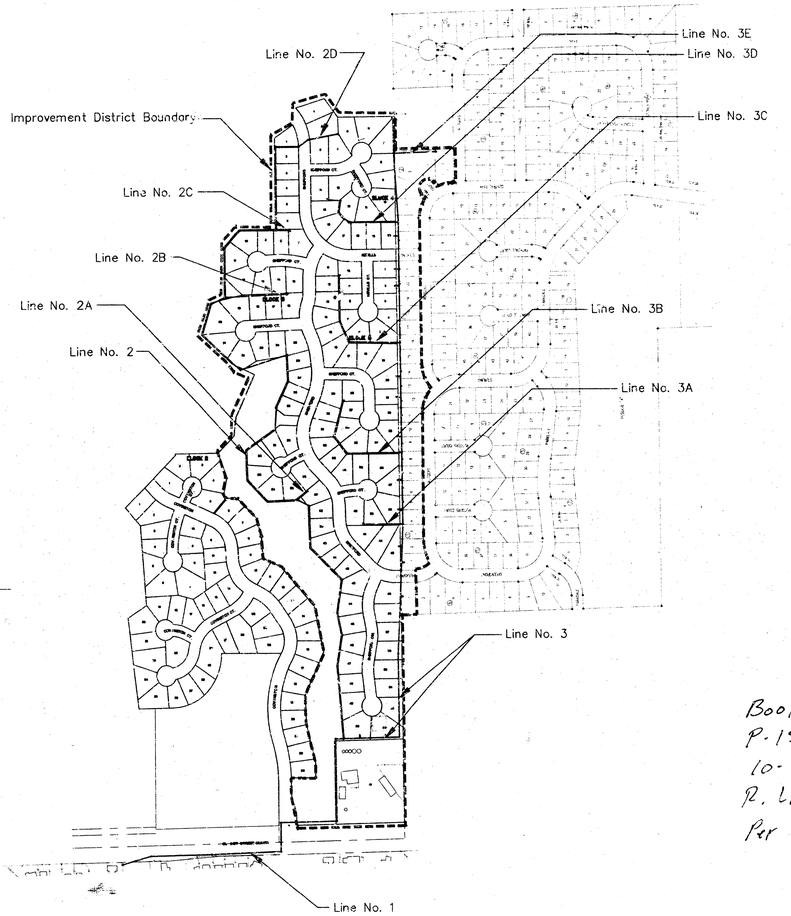
6. Contractor shall vacuum test all manholes according to the City of Wichita standard specifications.

7. The tops of all Manholes to be set 0.4 feet above existing ground unless otherwise noted.

8. The Contractor shall provide construction staking.

9. Sewer service lines that cross over the top of water mains shall be encased in concrete, 10 feet each side of the crossing. If the sewer crosses below the water line with less than 2 feet of clearance, the sewer line joints must be at least 10 feet away from the water line or the sewer must be encased in concrete as described above. 12" clearance must be maintained between the sewer and water lines.

10. All areas disturbed by sewer contruction shall be seeded with temporary rye grass within 14 days of disturbance at a rate of 200 lbs. per acre, except where otherwise noted on the plans. Prepare ground before seeding per city specification.



Scale 1" = 300'

FEBRUARY 2000

PLANS PREPARED
BY

POE & ASSOCIATES OF KANSAS, INC.
ENGINEERS
1501 E. Central, Suite 200 ■ Wichita KS 67208 ■ 316/685-4144 ■ Fax 316/685-4444

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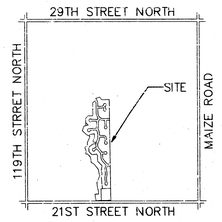

LOCATION MAP
No Scale

Booked
P-152, P-153, P-154
10-24-00
R. Loomis
Per Plan

JAMES M. HUBERT
REGISTERED
14698
KANSAS
PROFESSIONAL ENGINEER

3-27-00

BENCH MARKS

(City of Wichita Datum)

1. City of Wichita Benchmark disc, 67' south of centerline 21st St. & 79' south of section line, and 46' east of centerline 119th St.
   Elev. 172.08
2. 80d nail in power pole, 30' east and 50' south of Northwest Corner of Government Lot 6 in SW Quarter of Section 6, T27S, R1W.
   Elev. 172.08
3. 80d nail in power pole 50' south of NE corner of Government Lot 3 in NW Quarter of Section 6, T27S, R1W.
   Elev. 179.98
4. 80d nail in power pole 40' west and 40' north of the NW Corner of the NW Corner of Sec. 6, T27S, R1W.
   Elev. 175.05

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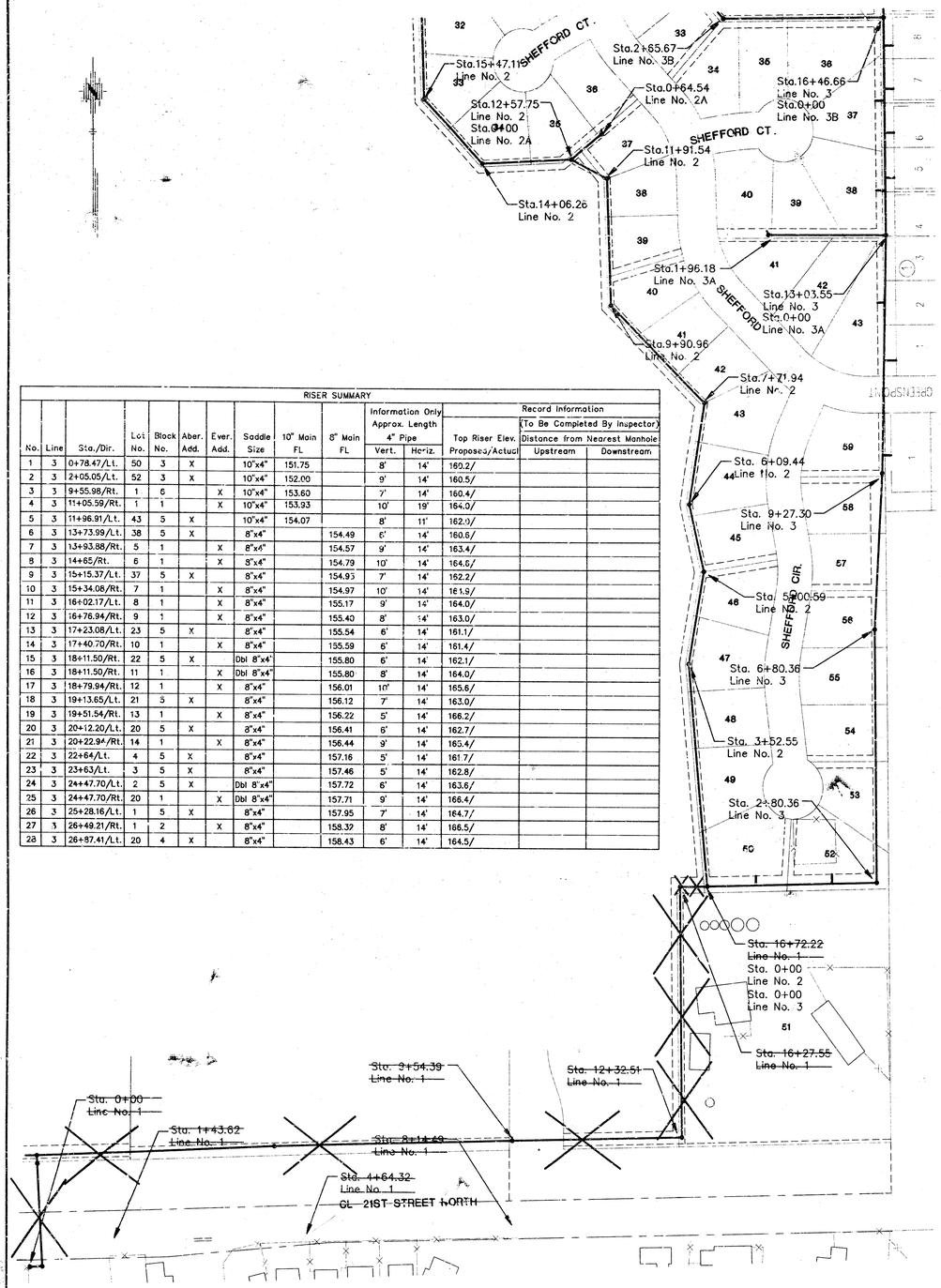
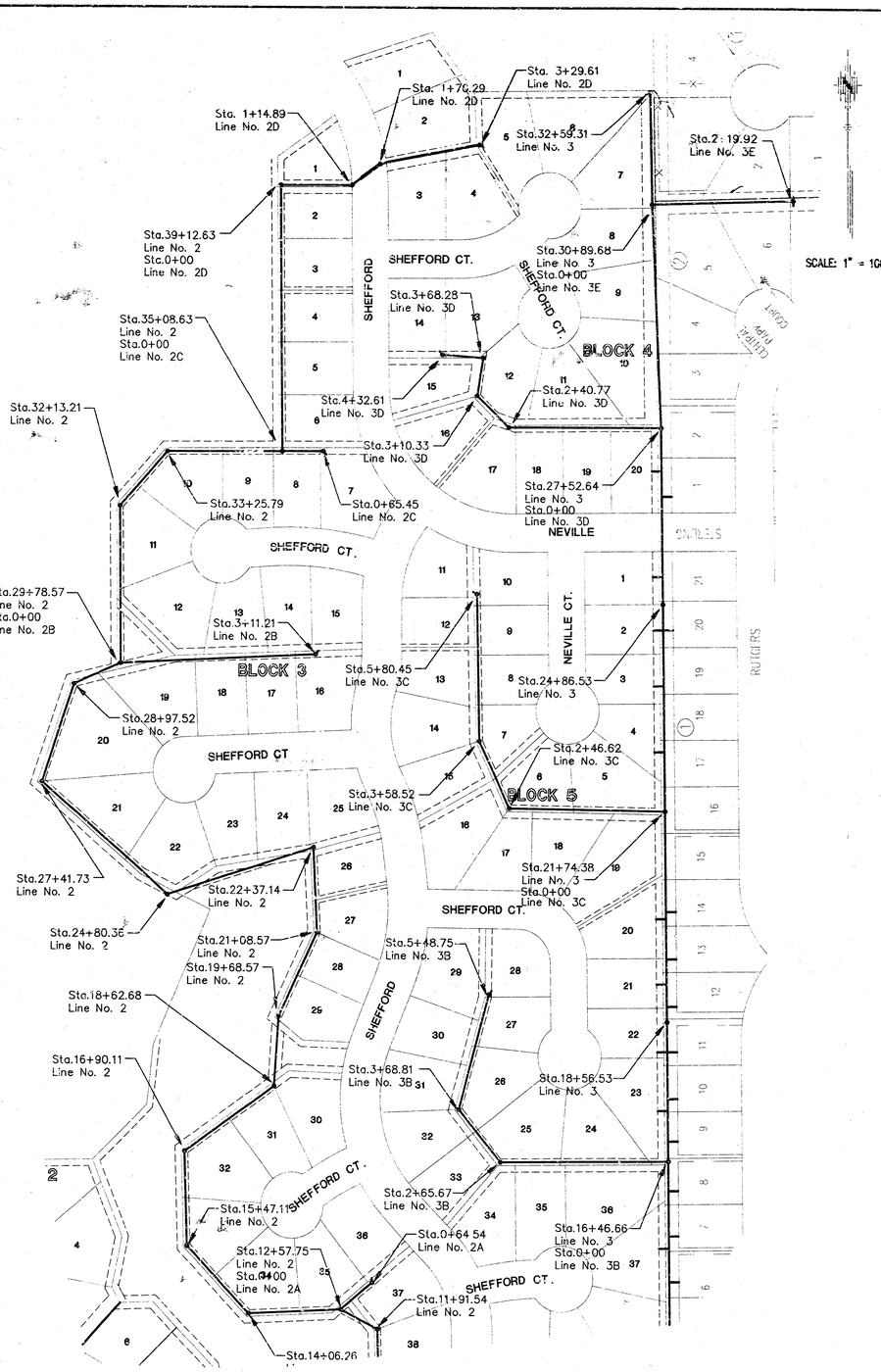
RISER SUMMARY

No.	Line	Sta./Dir.	Lot No.	Block No.	Aber. Add.	Ever. Add.	Saddle Size	10" Main FL	8" Main FL	Information Only Approx. Length 4" Pipe Vert.	Horiz.	Record Information Top Riser Elev. Proposed/Actual	(To Be Completed By Inspector) Distance from Nearest Manhole Upstream	Downstream
1	3	0+78.47/Lt.	50	3	X		10"x4"	151.75		8'	14'	160.2/		
2	3	2+05.05/Lt.	52	3	X		10"x4"	152.00		9'	14'	160.5/		
3	3	9+55.98/Rt.	1	6		X	10"x4"	153.60		7'	14'	160.4/		
4	3	11+05.59/Rt.	1	1		X	10"x4"	153.93		10'	19'	164.0/		
5	3	11+96.91/Lt.	43	5	X		10"x4"	154.07		8'	11'	162.0/		
6	3	13+73.99/Lt.	38	5	X		8"x4"		154.49	6'	14'	160.8/		
7	3	13+93.88/Rt.	5	1		X	8"x4"		154.57	9'	14'	163.4/		
8	3	14+65/Rt.	6	1		X	8"x4"		154.79	10'	14'	164.6/		
9	3	15+15.37/Lt.	37	5	X		8"x4"		154.93	7'	14'	162.2/		
10	3	15+34.08/Rt.	7	1		X	8"x4"		154.97	10'	14'	161.9/		
11	3	16+02.17/Lt.	8	1		X	8"x4"		155.17	9'	14'	164.0/		
12	3	16+76.94/Rt.	9	1		X	8"x4"		155.40	8'	14'	163.0/		
13	3	17+23.08/Lt.	23	5	X		8"x4"		155.54	6'	14'	161.1/		
14	3	17+40.70/Rt.	10	1		X	8"x4"		155.59	6'	14'	161.4/		
15	3	18+11.50/Rt.	22	5	X		Dbl 8"x4"		155.80	6'	14'	162.1/		
16	3	18+11.50/Rt.	11	1		X	Dbl 8"x4"		155.80	8'	14'	164.0/		
17	3	18+79.94/Rt.	12	1		X	8"x4"		156.01	10'	14'	165.6/		
18	3	19+13.65/Lt.	21	5	X		8"x4"		156.12	7'	14'	163.0/		
19	3	19+51.54/Rt.	13	1		X	8"x4"		156.22	5'	14'	166.2/		
20	3	20+12.20/Lt.	20	5	X		8"x4"		156.41	6'	14'	162.7/		
21	3	20+22.94/Rt.	14	1		X	8"x4"		156.44	9'	14'	165.4/		
22	3	22+64/Lt.	4	5	X		8"x4"		157.16	5'	14'	161.7/		
23	3	23+63/Lt.	3	5	X		8"x4"		157.46	5'	14'	162.8/		
24	3	24+47.70/Lt.	2	5	X		Dbl 8"x4"		157.72	6'	14'	163.6/		
25	3	24+47.70/Rt.	20	1		X	Dbl 8"x4"		157.71	9'	14'	166.4/		
26	3	25+28.16/Lt.	1	5	X		8"x4"		157.95	7'	14'	164.7/		
27	3	26+49.21/Rt.	1	2		X	8"x4"		158.32	8'	14'	166.5/		
28	3	26+87.41/Lt.	20	4	X		8"x4"		158.43	6'	14'	164.5/		





No.	Date	By	Revision
1	5/3/00	JU	Moved Line No. 3 & 3E Alignments & Revised Riser Table

ABERDEEN 3RD ADDITION PHASE 1
SANITARY SEWER KEY MAP
CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, P.E. CITY ENGINEER
C.O.W. Proj. No. 448-84402 OCA# 734808

POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
9440 E. Central, Suite 100 ■ Wichita KS 67206 ■ 316/685-4114 ■ Fax 316/685-4444

FINAL

Engineer: J. Ubert
Drawn By: M. Perez
Poe Job No.: 1656A
Date: February 2000

Sheet 1A of 25

SEE PHASE II PLAN

GRAPHIC SCALE
0 40 0 20 40 60
(IN FEET)
1 INCH = 5 FT. (Vert.)
1 INCH = 40 FT.

Sta. 0+00 Line No. 1
Connect To Exist. MH
N 7313.70 E 11264.20

CAUTION!!! Exist. 12" WL & Gas Line

CAUTION!!! Television Cable Line

Remove and Replace Concrete Soil Saver as needed

Sta. 1+43.62 Line No. 1
Constr. Std. MH Type "P"
N 7353.86 E 11402.10

28.85 L.F. Asphalt Remove and replace Maintain Traffic Flow in Street

Proposed Pavement

Existing Pavement

CAUTION!!! Existing 12" WL

CAUTION!!! Underground Telephone

TV Cable to be moved prior to construction

Sta. 4+64.32 Line No. 1
Constr. Std. MH Type "P"
N 7361.57 E 11722.70

Exist. 60" Raw WL

CL 21ST STREET NORTH

LINE NO. 1

Sta. 8+14.49 Line No. 1
Constr. Std. MH Type "P"
N 7375.88 E 12072.58

Sta. 9+54.39 Line No. 1
Constr. Std. MH Type "P"
N 7515.77 E 12072.59

CAUTION!!! Overhead Power

CAUTION!!! Underground Telephone

CAUTION!!! Existing 60" Raw Water Main

55 L.F. 24" Steel Casing Pipe by Boring & Jacking (0.281" or 9/32" wall thickness min.)

CAUTION!!! Exist. 12" WL & Underground Telephone

45.00'

20' U.E.

ABERDEEN 3RD ADDITION
SANITARY SEWER LINE NO. 1
CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER
Proj. No. 465-83024 OCA# 743013

LINE NO. 1

Sta. 0+00 Line No. 1 Connect to Existing MH
Sta. 0+48.38 Line No. 1 Exist. 12" Water & Gas
Sta. 1+15.48 Line No. 1 Television Cable Line
Sta. 1+43.62 Line No. 1 Constr. Std. MH Type "P"
Sta. 3+30.84 Line No. 1 Exist. 12" Water & Gas
Sta. 4+64.32 Line No. 1 Constr. Std. MH Type "P"
Sta. 8+14.49 Line No. 1 Constr. Std. MH Type "P"
Sta. 8+24.75 Line No. 1 12" Water & Telephone
Sta. 9+09.75 Line No. 1 Underground Telephone
Sta. 9+20.37 Line No. 1 Exist. 60" WL
Sta. 9+34.39 Line No. 1 Constr. Std. MH Type "P"

Top MH=161.74
Top MH=163.45
Top MH=163.04
Top MH=165.10
Finish Grade
Existing Ground
Flowable Fill to Elev. 159.25 from Sta. 2+77.47 to Sta. 3+07.84
12" Waterline FL=155.39
12" Waterline FL=157.91
60" Waterliner Top WL=158.56
12" Waterline FL=157.72
24" Steel Casing Pipe From Sta. 8+33 to Sta. 8+90

143.62 L.F. 10" Pipe @ 0.20% Grade
350.70 L.F. 10" Pipe @ 0.20% Grade
350.17 L.F. 10" Pipe @ 0.20% Grade
139.90 L.F. 10" Pipe @ 0.20% Grade

FL Out 147.74 FL In 147.04 | FL 148.04 | FL 148.13 | FL 148.24 | FL 148.4+ | FL 148.64 | FL 148.77 | FL 148.84 | FL 149.04 | FL 149.24 | FL 149.44 FL Out 149.47 FL In 149.57 | FL 149.74 | FL Out 149.85 FL In 149.93 | FL 150.04

0+00 1+00 2+00 3+00 4+00 5+00 6+00 7+00 8+00 9+00 10+00

180 175 170 165 160 155 150 145 140 135

POE & ASSOCIATES OF KANSAS, INC.

FINAL

Designed By: J. Ubert / J. Dickman
Drawn By: M. Perez
Poe Job No.: 16160
Date: February 2000

Sheet 2 of 25

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GRAPHIC SCALE
0 40 0 20 40 80
1 INCH = 5 FT. (Vert.)
(IN FEET) 1 INCH = 40 FT.

COVINGTON

Sta. 9+54.39 Line No. 1
Constr. Std. MH Type "P"
N 7515.77 E 12072.59

12+61.72 PHASE II
+61.72
= Sta. 12+~~32.51~~ Line No. 1
Constr. Std. MH Type "P"
N 7523.04 E 12350.62

10'

Sta. 13+15.98 Line No. 1
Install Vertical Riser
N 7506.51 E 12349.69
Top Elev.=160.60

5'

Prop. 15" SWS

LINE NO. 1

Prop. 15" SWS

Sta. ~~16+27.65~~ Line No. 1
Constr. Std MH Type "P"
N 7918.06 E 12346.25

16+56.76

17+11.49
Sta. ~~16+72.22~~ Line No. 1
Sta. 0+00 Line No. 2
Sta. 0+00 Line No. 3
Constr. Std. MH Type "P"
N 7919.23 E 12390.91

LINE NO. 2

ABERDEEN 3RD ADDITION
SANITARY SEWER LINE NO. 1
CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER
Proj. No. 468-83004 Doc.# 743853

No.	Date	By	Description	Revision
1				
2				
3				
4				

LINE NO. 1

Built by Phase II

Sta. 8+14.49 Line No. 1 Constr. Std. MH Type "P"
Sta. 8+24.76 Line No. 1 12" WL & Telephone
Sta. 9+09.79 Line No. 1 Underground Telephone
Sta. 9+20.37 Line No. 1 Exist 60" WL
Sta. 9+24.20 Line No. 1 Underground Telephone
Sta. 9+54.39 Line No. 1 Constr. Std. MH Type "P"
Sta. 12+32.51 Line No. 1 Constr. Std. MH Type "P"
Sta. 12+82.85 Line No. 1 Proposed 15" SWS
Sta. 14+28.30 Line No. 1 Proposed 15" SWS
Sta. 16+27.55 Line No. 1 Constr. Std. MH Type "P"
Sta. 16+72.22 Line No. 1 Constr. Std. MH Type "P"

Top MH=163.04
Top MH=165.10
Finish Grade
Existing Ground
Top MH=165.00
Top MH=165.00
Top MH=164.90
60" Waterline Top WL=156.56
12" Waterline FL=157..
15" SWS FL=159.58
15" SWS FL=159.57
Line No. 2 FL=151.69
Concrete Encasement From Sta. 8+34.57 to Sta. 8+88.45

139.90 L.F. 10" Pipe @ 0.20% Grade
278.12 L.F. 10" Pipe @ 0.20% Grade
395.04 L.F. 10" Pipe @ 0.23% Grade
44.67 L.F. 10" Pipe @ 0.20% Grade

| | | | |

GRAPHIC SCALE

0 40 0 20 40 80 (IN FEET)

1 INCH = 5 FT. (Vert.) 1 INCH = 40 FT.

Sta. 0+00 Line No. 2
Sta. 16+72.22 Line No. 1
Sta. 0+00 Line No. 3
Constr. Std. MH Type "P"
N 7919.23 E 12390.91

Sta. 3+52.55 Line No. 2
Constr. Std. MH Type "P"
N 8270.36 E 12359.35

Sta. 5+00.59 Line No. 2
Constr. Std. MH Type "P"
N 8416.31 E 12384.15

Sta. 6+09.44 Line No. 2
Constr. Std. MH Type "P"
N 8522.46 E 12360.05

Sta. 7+71.94 Line No. 2
Constr. Std. MH Type "P"
N 8683.01 E 12385.10

Sta. 9+90.96 Line No. 2
Constr. Std. MH Type "P"
N 8836.23 E 12226.60

LINE NO. 1

LINE NO. 2

LINE NO. 3

Proposed 36" SWS

Proposed 30" SWS

Proposed 24" SWS

SHEFFORD

S88°30'08"W 47.75'

N05°08'08"W 362.97'

S09°38'44"W 146.98'

N12°39'08"W 109.47'

N08°53'10"E 139.97'

S45°23'52"E 21.99'

S56°29'25"W 18.32'

N86°29'25"E 26.75'

S86°29'25"W 124.58'

N75°31'35"W 125.17'

S80°53'10"W 135.90'

S80°53'10"W 130.02'

N79°47'50"W 119.65'

S64°08'40"W 124.08'

S56°41'18"W 126.50'

N46°49'30"E 116.97'

66.78'

39.14'

32.03'

97.06'

95.00'

53.65'

44.21'

30.04'

77.58'

69.31'

19.30'

101.00'

58.98'

63.92'

31.61'

74.06'

16.07'

64.79'

17.95'

73.25'

47.02'

71.65'

5.12'

77.20'

56.38'

53.25'

119.60'

S89°45'42"E 47.39'

S23°52'35"W 93.21'

S12°01'41"E 103.29'

226.93'

229.03'

70.22'

58.38'

53.42'

25.40'

14

15

16

40

41

42

43

44

45

46

47

48

49

50

5'

Proposed 36" SWS
Connect to Proposed MH
Sta. 16+72.22 Line No. 1
Sta. 0+00 Line No. 3
Sta. 0+10.02 Line No. 2
Proposed 36" SWS

Sta. 3+52.55 Line No. 2
Constr. Std. MH Type "P"

Sta. 5+00.59 Line No. 2
Constr. Std. MH Type "P"

Sta. 6+09.44 Line No. 2
Constr. Std. MH Type "P"

Sta. 7+71.94 Line No. 2
Constr. Std. MH Type "P"

Sta. 9+90.96 Line No. 2
Constr. Std. MH Type "P"

Sta. 10+41.90 Line No. 2
Proposed 24" SWS

Top MH=164.90

Finish Grade

Existing Ground

Top MH=164.80

Top MH=164.80

Top MH=164.20

Top MH=164.80

Top MH=164.80

36" SWS
FL=158.55

30" SWS
FL=159.08

24" SWS
FL=158.81

Line No. 3
FL=151.69

352.55 L.F. 10" Pipe @ 0.20% Grade

148.04 L.F. 10" Pipe @ 0.20% Grade

108.85 L.F. 10" Pipe @ 0.20% Grade

162.51 L.F. 10" Pipe @ 0.20% Grade

219.02 L.F. 10" Pipe @ 0.20% Grade

200.58 L.F.

FL 151.69
FL 151.88
FL 152.09
FL 152.29
FL 152.40
FL 152.49
FL 152.69
FL 152.89
FL 152.91
FL 153.09
FL Out 153.23
FL In 153.33
FL 153.39
FL 153.59
FL 153.77
FL 153.79

0+00 1+00 2+00 3+00 4+00 5+00 6+00 7+00 8+00 9+00 10+00

180 175 170 165 160 155 150 145 140 135

Scale

ABERDEEN 3RD ADDITION
SANITARY SEWER LINE NO. 2
CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, P.E. – CITY ENGINEER
Proj. No. 468-83104 – OCA# 743833

No. | Date | By | Approved | Revision

POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
5940 E. Central, Suite 200 ■ Wichita KS 67208 ■ 316/685-4114 ■ Fax 316/685-4444

FINAL

Designed By: J. Ubert / J. Dickman
Drawn By: M. Perez
Poe Job No.: 1656A
Date: February 2000

Sheet 4 of 25

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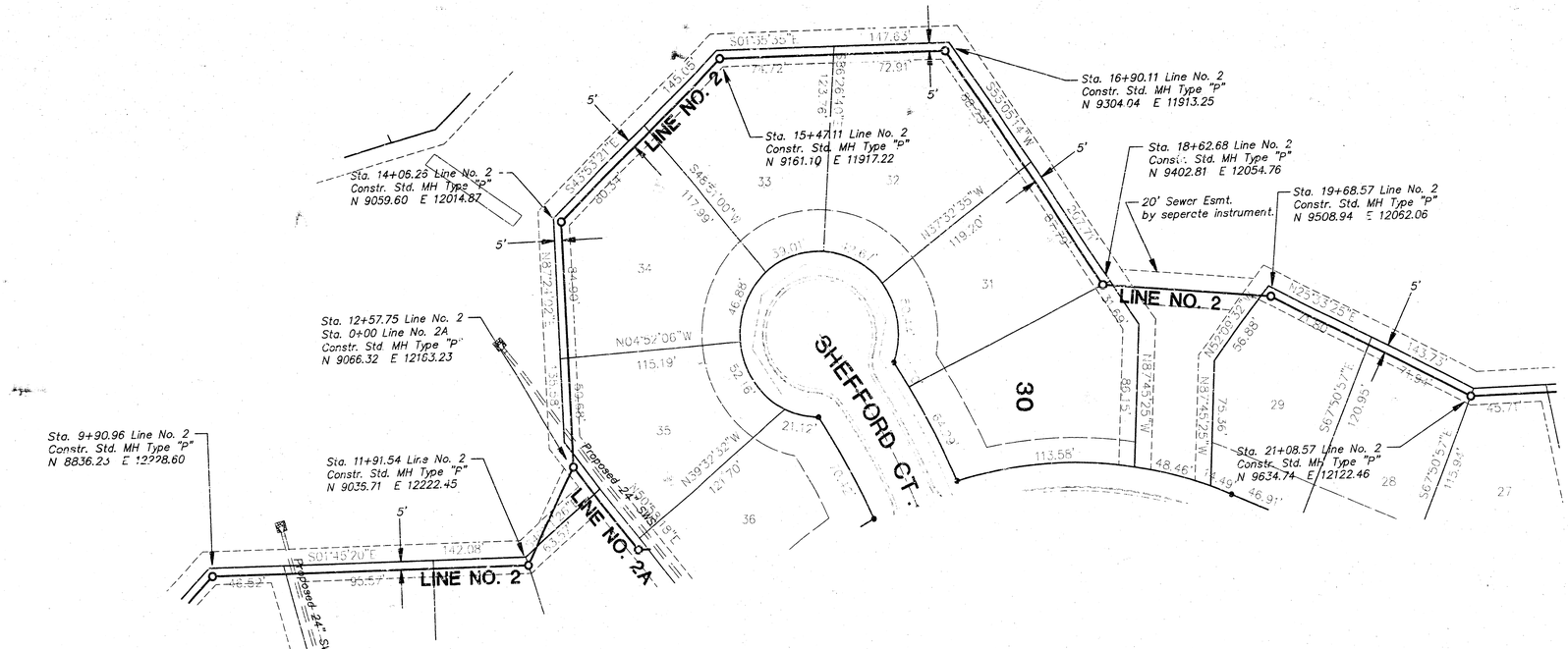
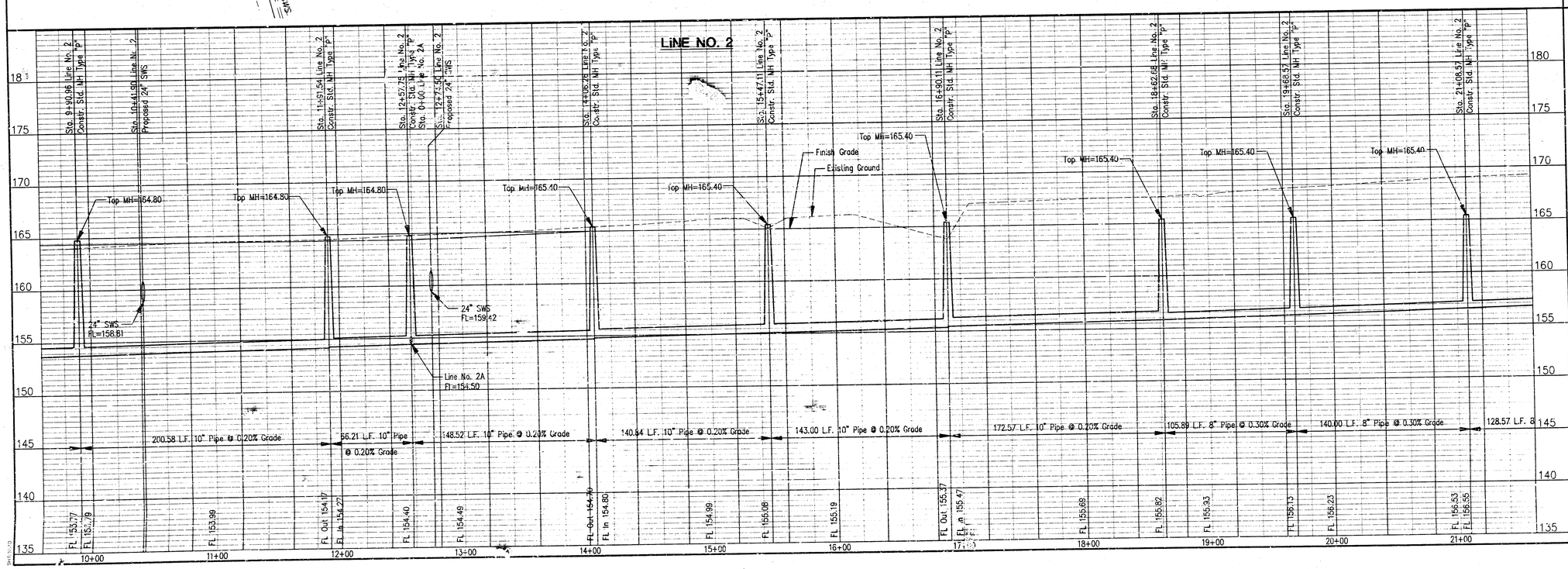
GRAPHIC SCALE

0 40 0 20 40 80 (IN FEET)

1 INCH = 5 FT. (Vert.) 1 INCH = 40 FT.





No.	Date	By	Approved	Revision

ABERDEEN 3RD ADDITION
SANITARY SEWER LINE NO. 2

CITY OF WICHITA, KANSAS

MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER
Proj No. 468-83004 SCA# 743813

POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
5940 C Central, Suite 200 ■ Wichita KS 67230 ■ 316/685-4114 ■ Fax 316/685-4444

FINAL

Designed By: J. Ubert / J. Dickmon
Drawn By: M. Perez
Poe Job No.: 1656A
Date: February 2000

Sheet 5 of 25

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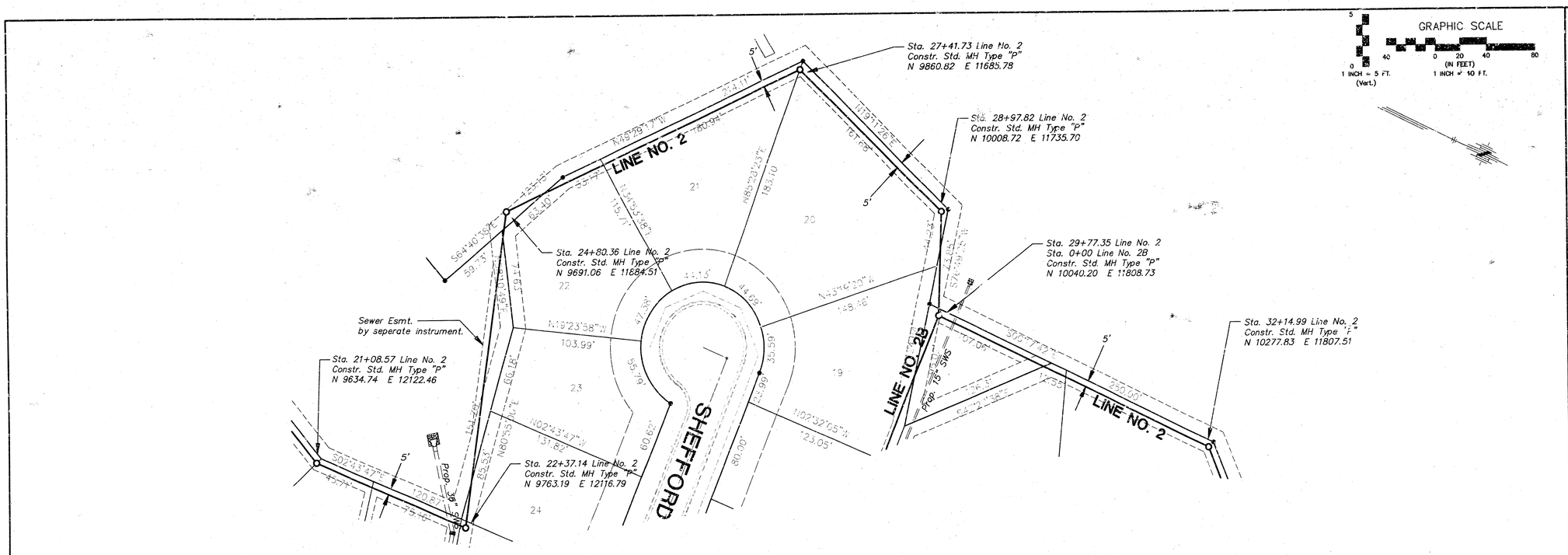
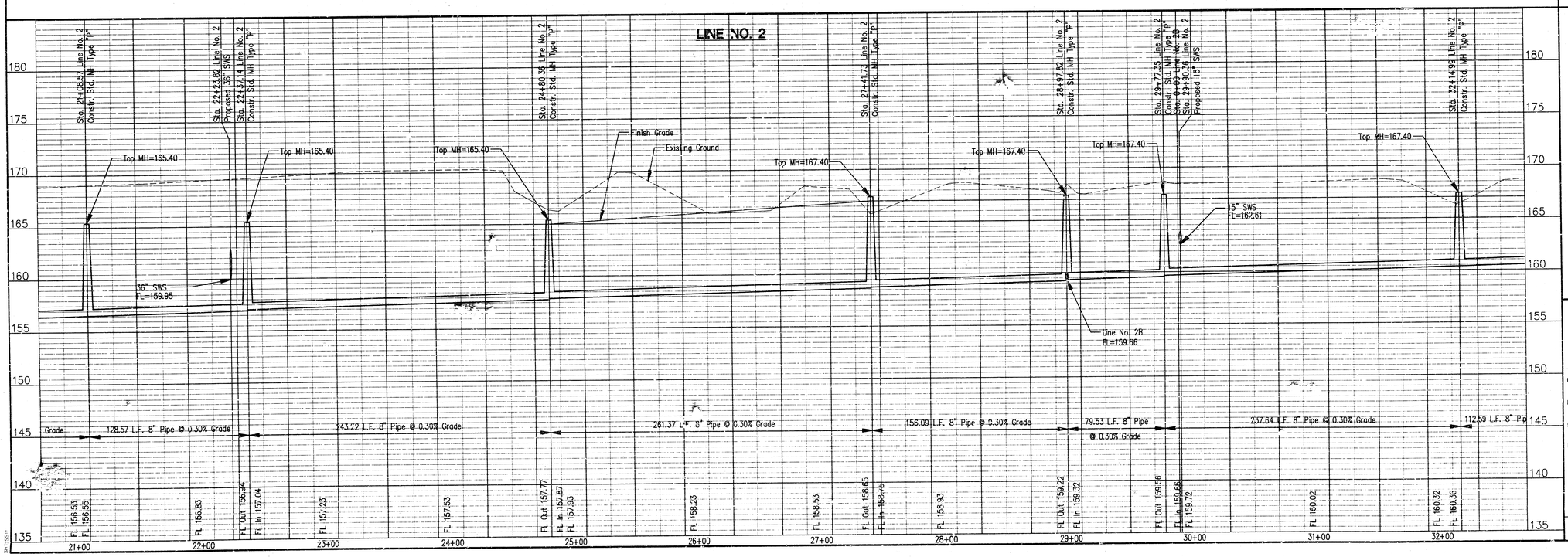




No.	Date	By	Approved	Revision

ABERDEEN 3RD ADDITION
SANITARY SEWER LINE NO. 2
CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, P.E. – CITY ENGINEER
Proj. No. 463-83004 OCA# 743933

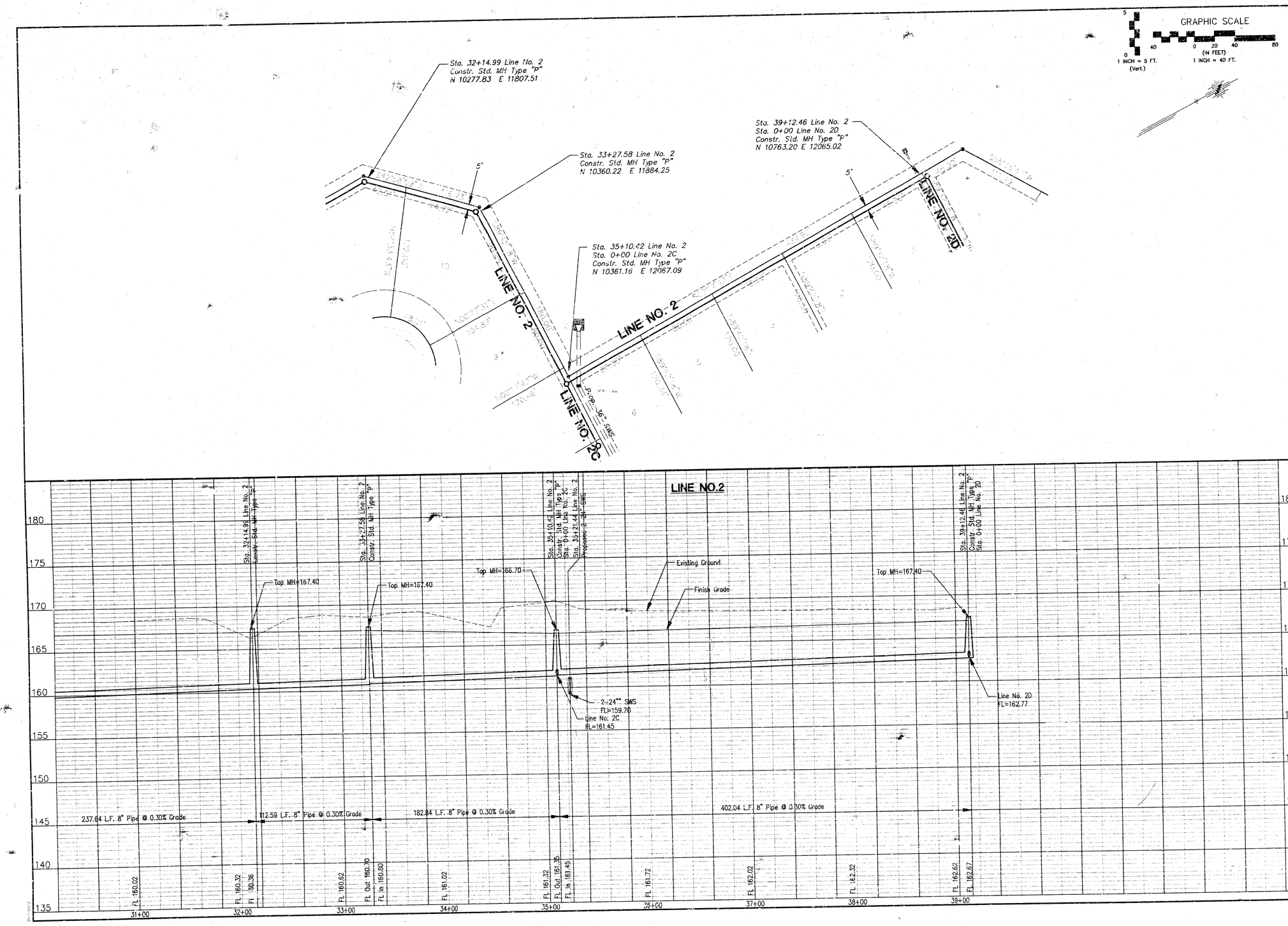
POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
Daryl E. Carmel, Suite 200 ■ Wichita, KS 67202 ■ 316/262-5111 ■ Fax 316/262-4466

FINAL

Designed By: J. Ubert / J. Dickman
Drawn By: M. Perez
Poe Job No.: 1656A
Date: February, 2000

Sheet 6 of 25

G:\APPS\DCA\P\656\base.dwg Fri Mar 31 08:50:55 2000 Matt Perez



ABERDEEN 3RD ADDITION
SANITARY SEWER LINE NO. 2

CITY OF WICHITA, KANSAS

MICHAEL E. LINDEBAK, P.E. – CITY ENGINEER
Proj. No. 468-83004 OCA# 743833

No.	Date	By	Approved	Revision
1				
2				
3				
4				

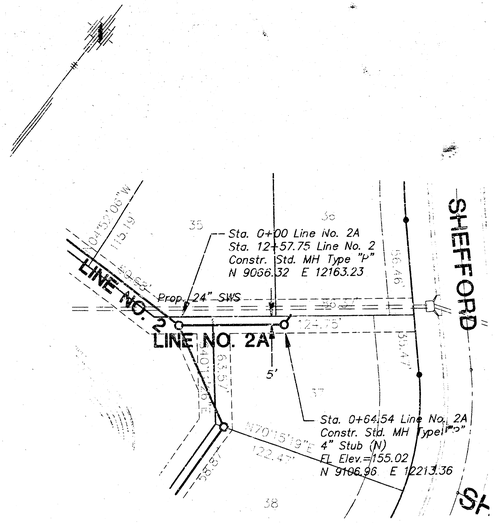
POE & ASSOCIATES OF KANSAS, INC.
ENGINEERS
3840 E. Central, Suite 200 ■ Wichita, Ks. 67208 ■ 316/685-4114 ■ fax 316/685-4444

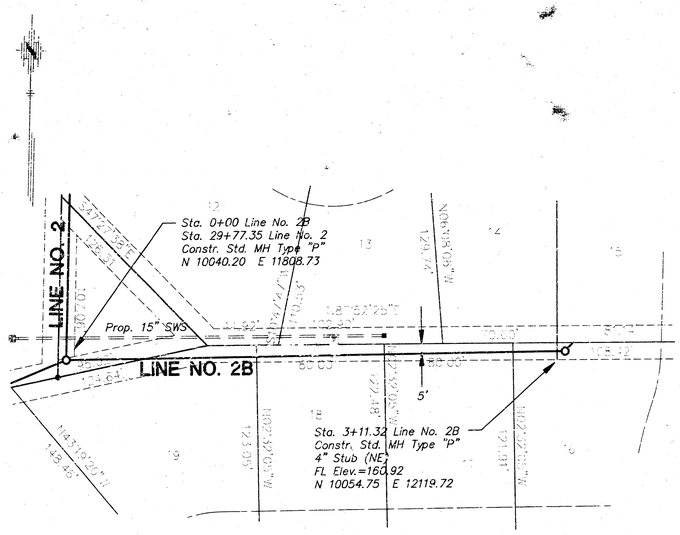
FINAL

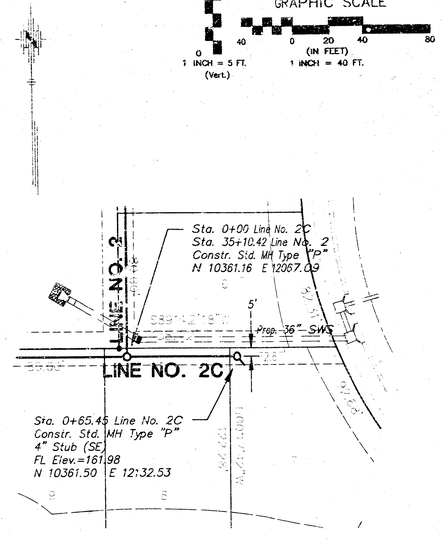
Designed By: J. Ubert / J. Dickman
Drawn By: M. Perez
Proj. Job No.: 16454
Date: February 2000

Sheet 7 of 25

G:\APPS\OCA\PW\BGE\base.dwg Fri Mar 31 08:52:25 2000 Matt Perez







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(IN FEET)
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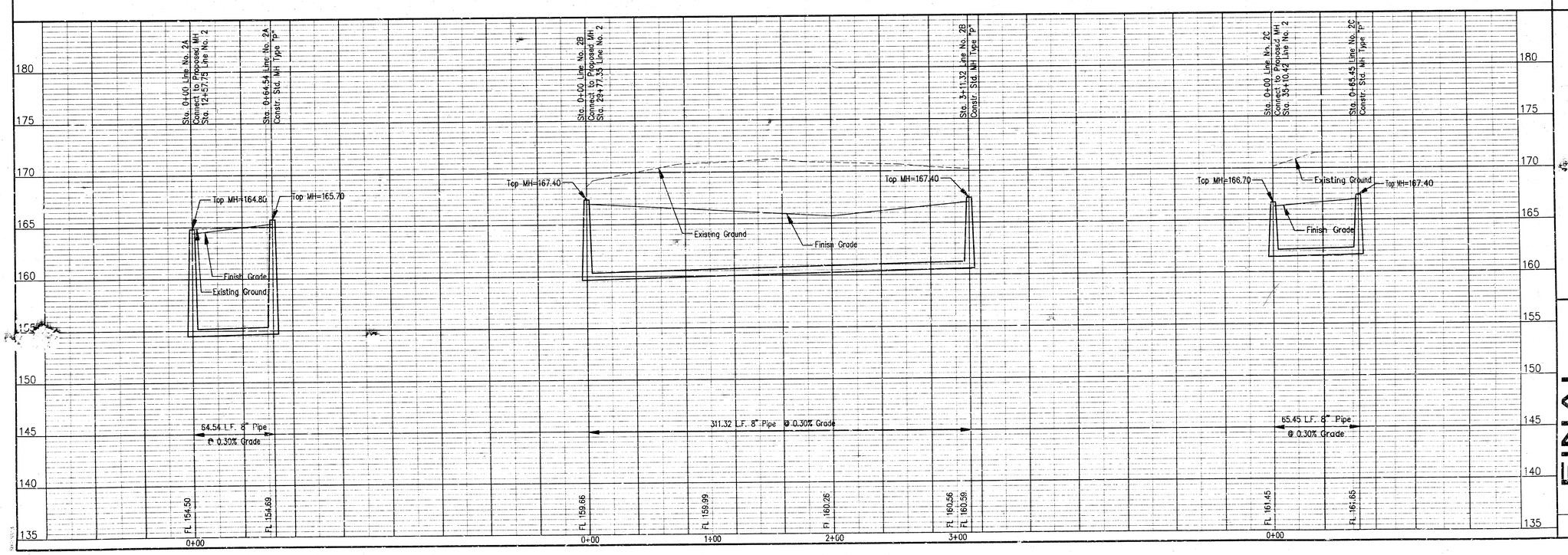
1 INCH = 40 FT.



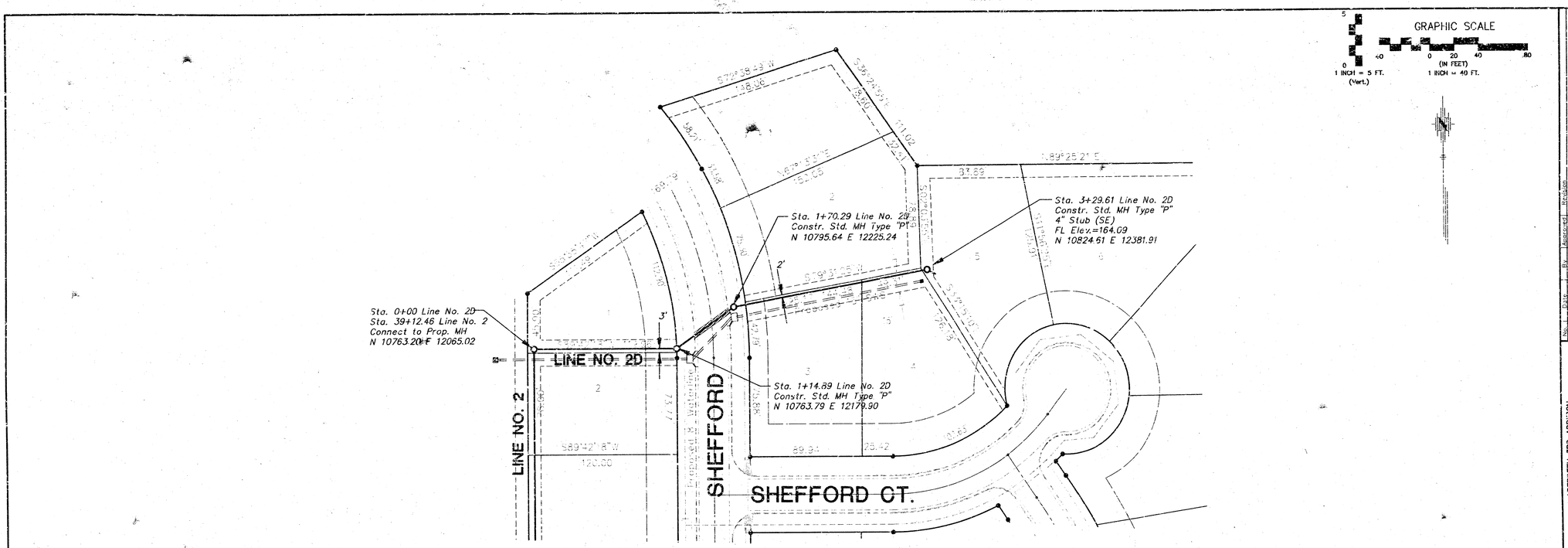
ABERDEEN 3RD ADDITION
SANITARY SEWER LINE NO. 2A, 2B, & 2C
CITY OF WICHITA, KANSAS
MICHAEL E. LINGEBAK, P.E. - CITY ENGINEER
Proj. No. 468-83004 OCA# 743833

No. | Date | By | Approved | Revisions

POE & ASSOCIATES OF KANSAS, Inc.
CIVIL ENGINEERS
9340 E. Central, Suite 200 ■ Wichita KS 67206 ■ 316/685-4114 ■ Fax 316/685-4444

FINAL
Designed By: J. Ubert / J. Dickman
Drawn By: M. Perez
Poe Job No.: 1656A
Date: February 2000
Sheet 8 of 25

G:\APPS\CIA\P1656\base.dwg Fri Mar 31 08:54:16 2000 Matt Perez



No.	Date	By	Approved	Revision
2	5/3/00	JU	JU	Revised Location -- MH at Sta. 1+29.61
1				

ABERDEEN 3RD ADDITION
SANITARY SEWER LINE NO. 2D

CITY OF WICHITA, KANSAS

MICHAEL E. LINGENFELTER, P.E. - CITY ENGINEER

Proj. No. 468-83004 OCA# 743833

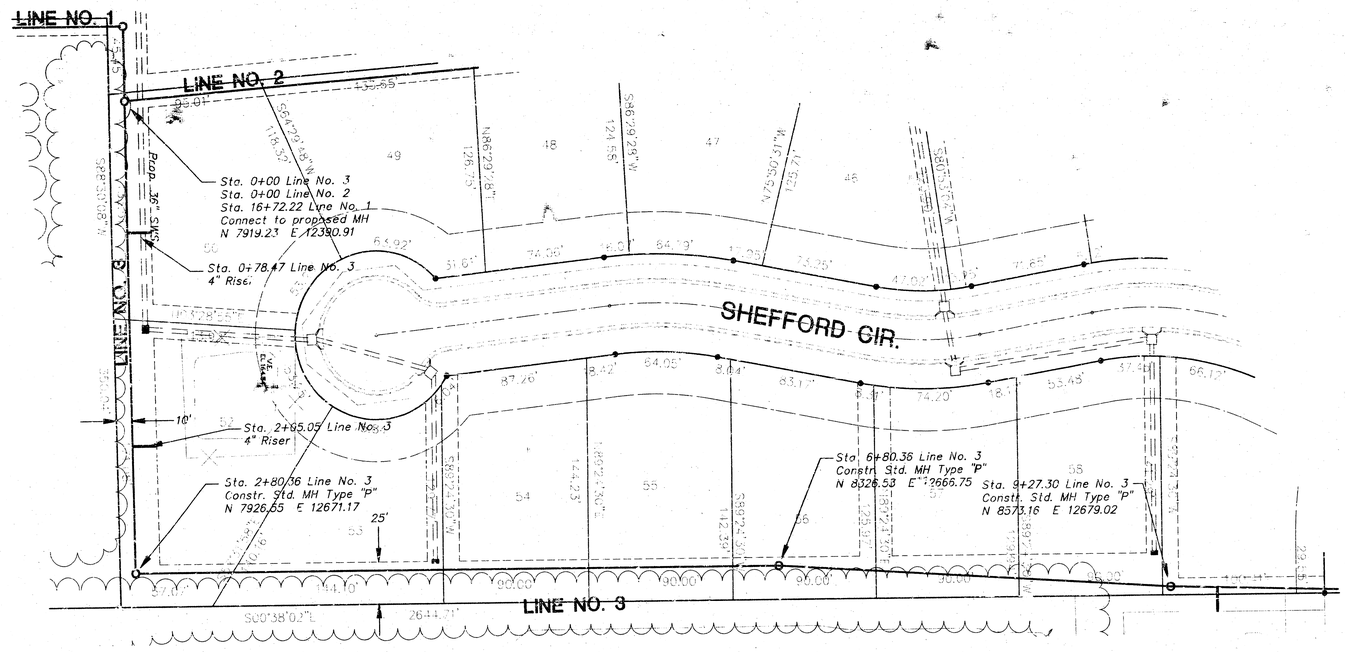
PCE & ASSOCIATES OF KANSAS, INC.

FINAL

Designed By: J. Ubert / J. Dickman
Drawn By: M. Perez
Proj. Job No.: 16564
Date: February 2000

Sheet 9 of 25

C:\APPS\OCAV\16564\base.dwg Mon May 08 09:44:54 2000 John Ubert - Pue & Associates of Kansas, Inc.



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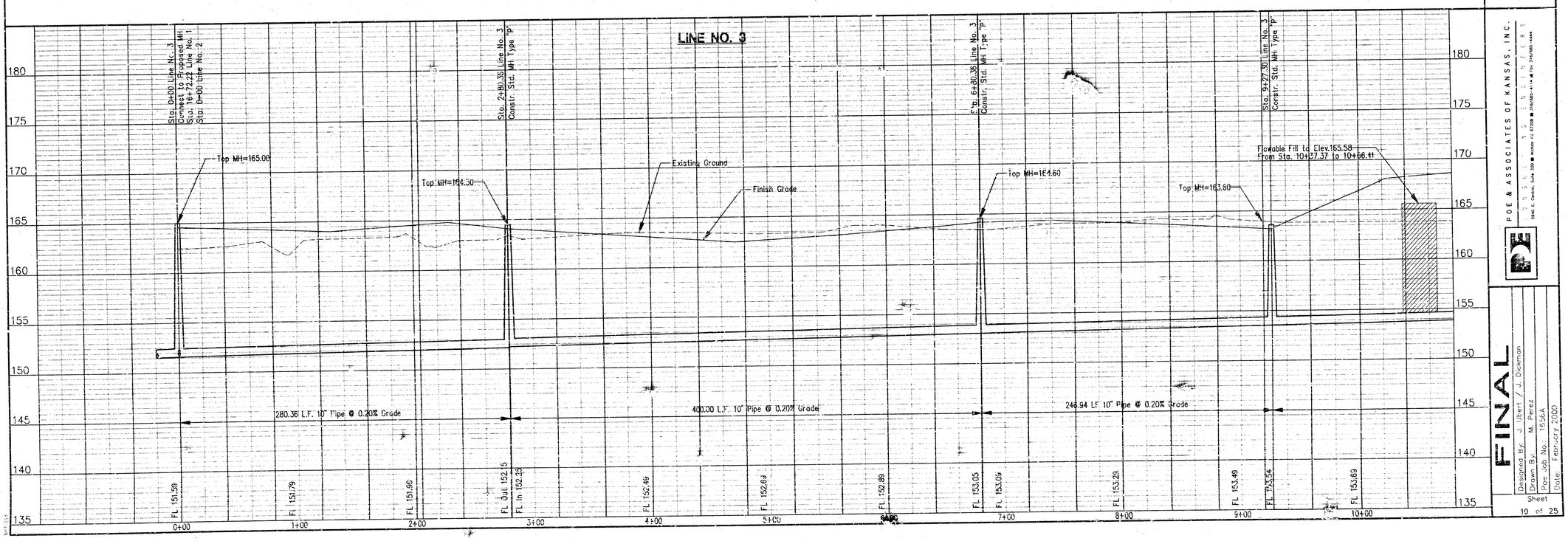
1 INCH = 5 FT. (VarL)
(IN FEET) 1 INCH = 40 FT.

No.	Date	By	Approved	Description
1	3/30/00	MP	JU	Added Risers
2	5/3/00	JU	JU	Moved Line No. 3 Alignment

ABERDEEN 3RD ADDITION
SANITARY SEWER LINE NO. 3
CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER
Proj. No. 465-20304 0044 743853



POE & ASSOCIATES OF KANSAS, INC.
Engineers Surveyors
9440 E. Central, Suite 300 ■ Wichita, KS 67206 ■ 316/683-4114 ■ Fax 316/683-4444

FINAL
Designed By: J. Ubert / J. Dickman
Drawn By: M. Perez
Proj. Job No.: 1536A
Date: February 2000
Sheet 10 of 25

G:\APPS\DCAP\1656\base.dwg Mon May 08 08:40:58 2000 Jim Ubert - Poe & Associates of Kansas, Inc.

GRAPHIC SCALE

0 40 0 20 40 80
1 INCH = 5 FT. (Vert.)
(In FEET)
1 INCH = 40 FT.

SHEFFORD

SHEFFORD CT.

LINE NO. 3A

LINE NO. 3

Sta. 9+27.30 Line No. 3
Constr. Std. MH Type "P"
N 8568.16 E 12673.47

Sta. 9+55.93 Line No. 3
4" Riser

Sta. 11+05.59 Line No. 3
4" Riser

Sta. 11+96.91 Line No. 3
4" Riser

Sta. 13+03.55 Line No. 3
Sta. 0+00 Line No. 3A
Constr. Std. MH Type "P"
N 8949.36 E 12684.86

Sta. 13+73.99
Line No. 3
4" Riser

Sta. 13+93.88
Line No. 3
4" Riser

Sta. 14+65 Line No. 3
4" Riser

Sta. 15+15.37
Line No. 3
4" Riser

Sta. 15+34.06
Line No. 3
4" Riser

Sta. 16+02.17 Line No. 3
4" Riser

Sta. 16+46.66 Line No. 3
Sta. 0+00 Line No. 3B
Constr. Std. MH Type "P"
N 9292.48 E 12681.13

Sta. 16+76.94 Line No. 3
4" Riser

Sta. 17+23.08
Line No. 3
4" Riser

Sta. 17+40.70
Line No. 3
4" Riser

Sta. 18+11.50
Line No. 3
4" Double Riser

Sta. 18+56.53 Line No. 3
Constr. Std. MH Type "P"
N 9502.32 E 12678.86

No.	Date	By	Revisions	Item
1	3/30/00	MP	JU	4" Riser
2	5/3/00	JU	JU	Moved Line No. 3 Alignment & Added Riser To Lot 72

ABERDEEN 3RD ADDITION
SANITARY SEWER LINE NO. 3

CITY OF WICHITA, KANSAS

MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER
Proj. No. 468-83004 OCA# 743833

LINE NO. 3

Sta. 9+27.30 Line No. 3
Constr. Std. MH Type "P"

Sta. 13+03.55 Line No. 3
Constr. Std. MH Type "P"
Sta. 0+00 Line No. 3A

Sta. 16+46.66 Line No. 3
Constr. Std. MH Type "P"
Sta. 0+00 Line No. 3B

Sta. 18+56.53 Line No. 3
Constr. Std. MH Type "P"

Top MH=163.60

Flowable Fill to Elev.=165.58
From Sta. 10+37.37 to Sta. 10+66.41

Top MH=164.9

Existing Ground

Top MH=165.5

Finish Grade

Top MH=167.6

Line No. 3A
FL=154.38

Line No. 3B
FL=155.41

376.25 L.F. 10" Pipe @ 0.20% Grade

343.11 LF. 8" Pipe @ 0.30% Grade

209.87 LF. 8" Pipe @ 0.30% Grade

317.85 LF. 8" Pipe @ 0.30%

FL 153.49 FL 153.34 FL 153.68 FL 153.89 FL 154.09 FL 154.38 FL 154.57 FL 154.87 FL 155.17 FL 155.31 FL 155.47 FL 155.71 FL 155.94 FL 156.07 FL 156.37

9+00 10+00 11+00 12+00 13+00 14+00 15+00 16+00 17+00 18+00 19+00 20+00

180 175 170 165 160 155 150 145 140 135

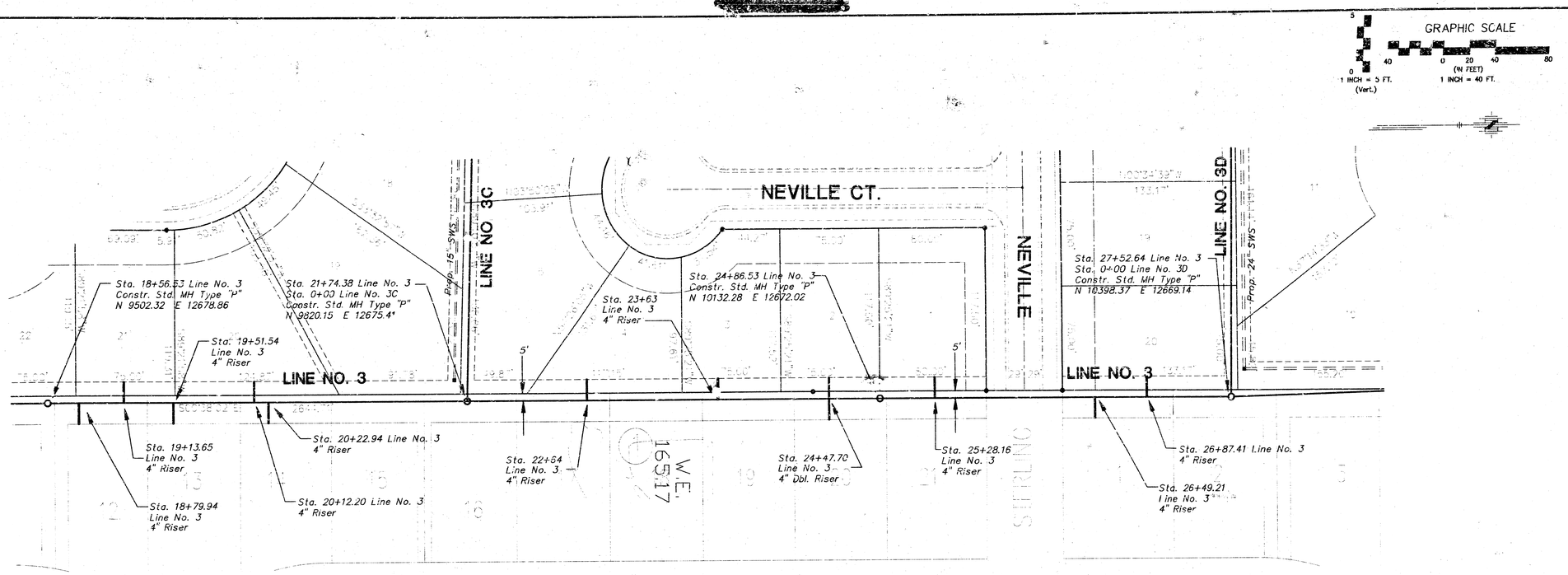
POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
5946 E. Central, Suite 200 ■ Wichita, KS 67208 ■ 316/685-4114 ■ Fax 316/685-4444

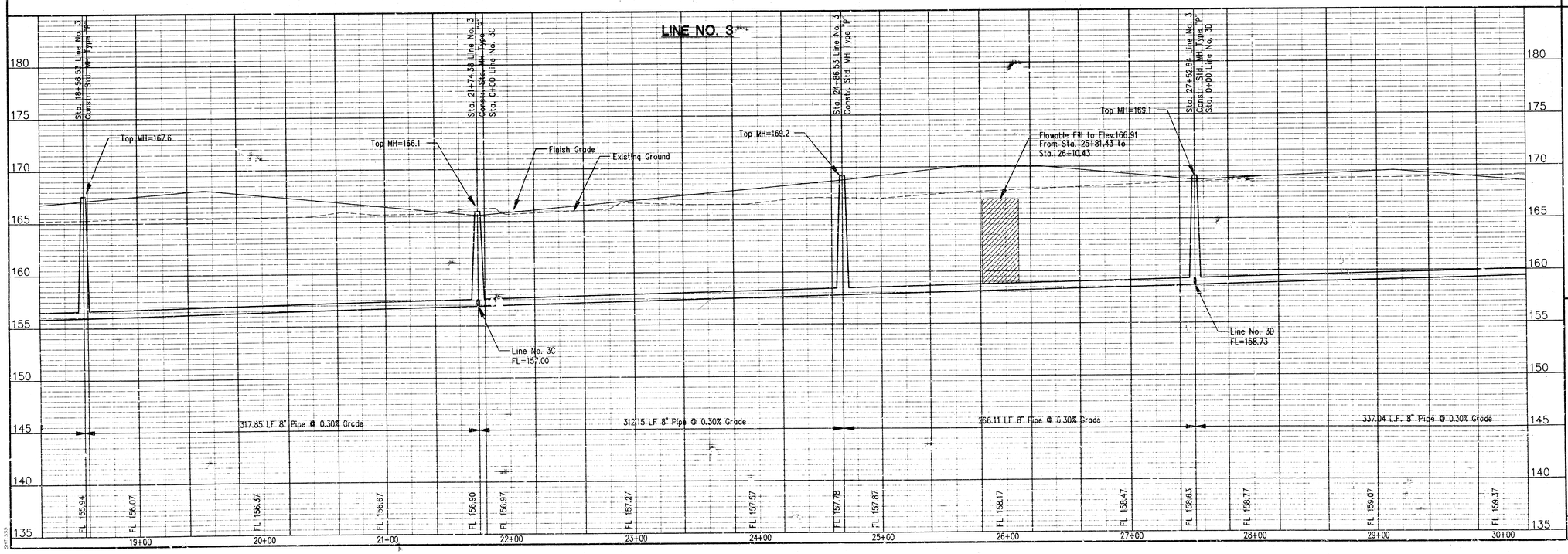
FINAL

Designed By: J. Ubert / J. Dickman
Drawn By: M. Perez
Poe Job No.: 1656A
Date: February 2000

Sheet 11 of 25

G:\APPS\DCA\P1656\base.dwg (Fri May 05 15:53:02 2000 Jim Ubert - Poe & Associates of Kansas, Inc.





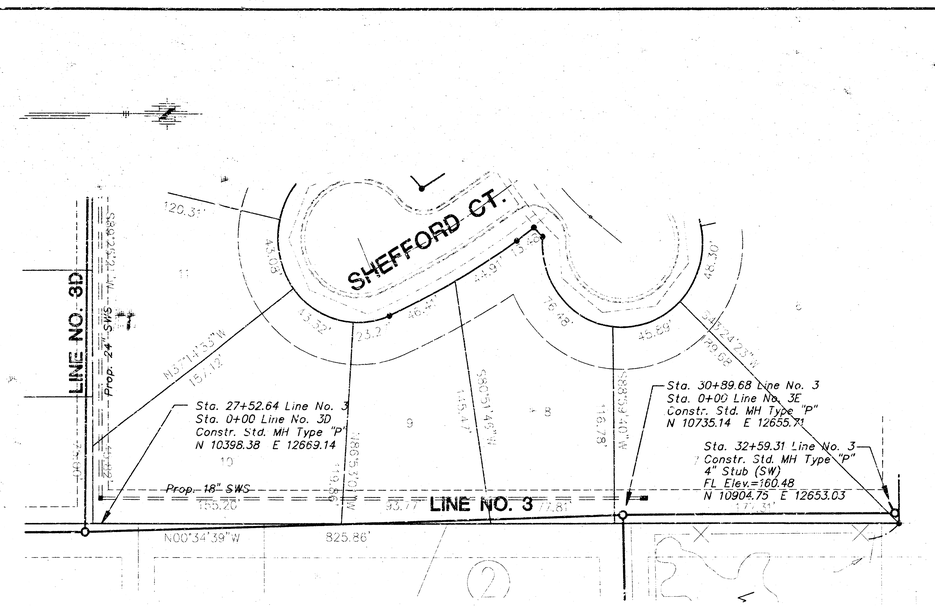
No.	Date	By	Approved	Revision
1	3/30/00	MP	JU	Added Risers
2	5/5/00	JU	JU	Moved Line No. 3 Alignment & Added Ri...s to Lot 3 & 4
3	5/31/00	JD	JU	Top MH 27+52.64 Line No. 3

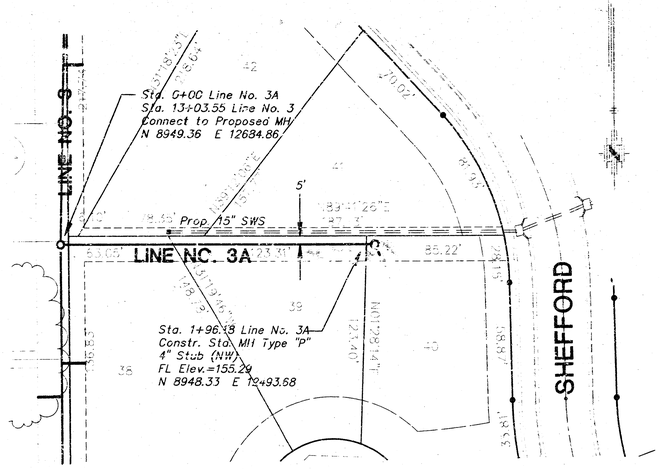
ABERDEEN 3RD ADDITION
SANITARY SEWER LINE NO. 3
CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER
Proj. No. 466-63004 OCA# 743833

POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
3842 E. Central, Suite 200 ■ Wichita, KS 67208 ■ 316/685-4114 ■ Fax 316/685-4444

FINAL
Designed By: J. Ubert / J. Dickman
Drawn By: M. Perez
Poe Job No.: 1656A
Date: February 2000
Sheet 12 of 25

G:\APPS\OCA\P\u56\base.dwg Mon May 08 16:53:59 2000 Jason Dickman - Poe & Associates of Kansas, Inc.

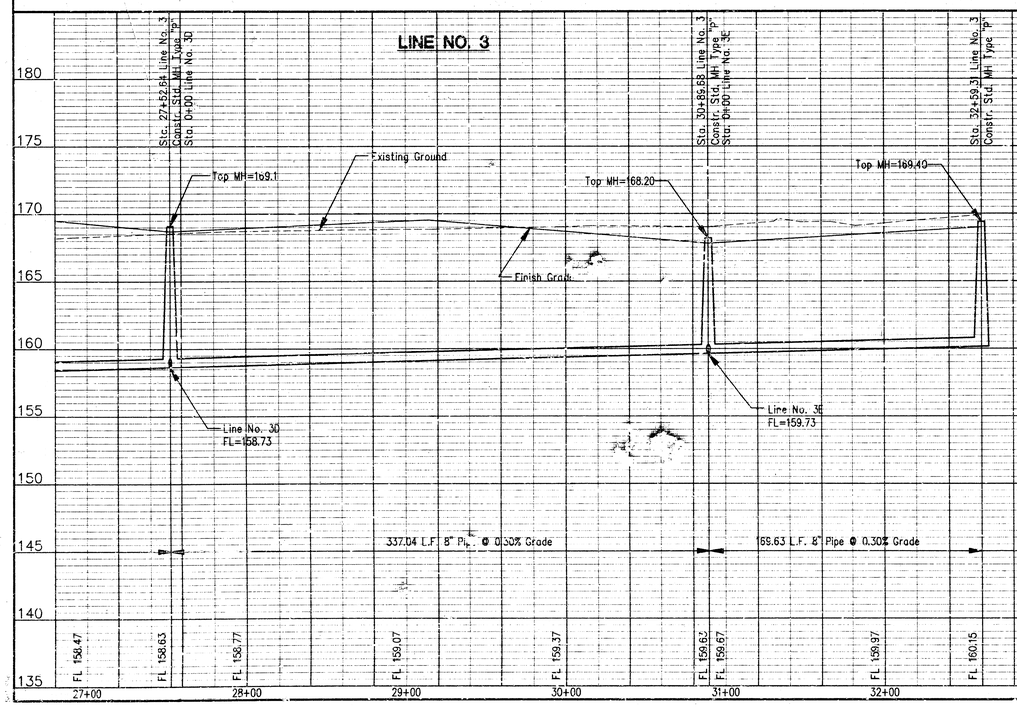


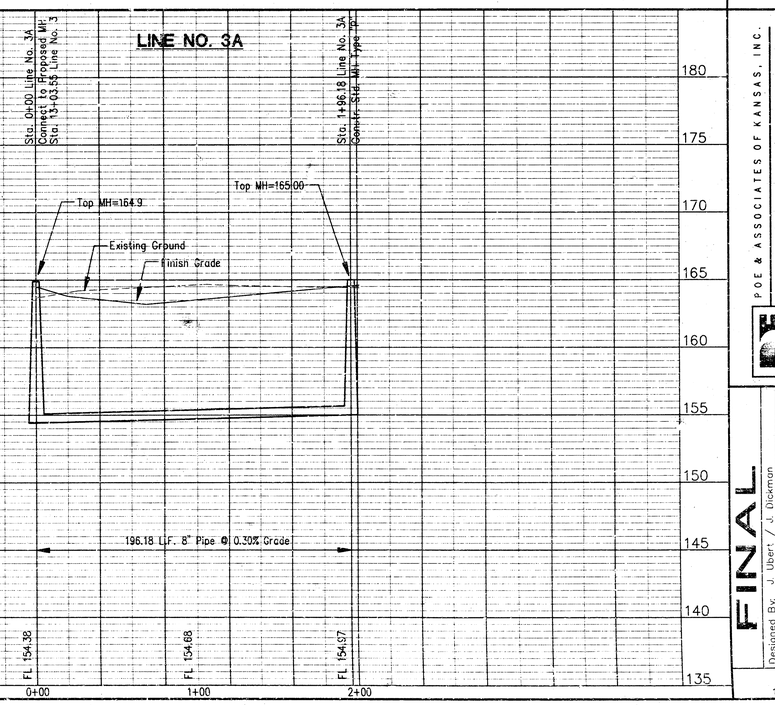


GRAPHIC SCALE
0 1 INCH = 5 FT. (Vert.)
5 0 5 10 20 40 80 (IN FEET) 1 INCH = 40 FT.

No.	Date	By	Approved	Revision
1	5/3/00	JU	JU	Moved Line No. 3 Alignment
2	6/13/00	JD	JH	Tie MH 27+52.64 Line No. 3

ABERDEEN 3RD ADDITION
SANITARY SEWER LINE NO. 3 & 3A
CITY OF WICHITA, KANSAS
MICHAEL E. LINLABAK, P.E. - CITY ENGINEER
Proj. No. 468-83004 OCA# 743833

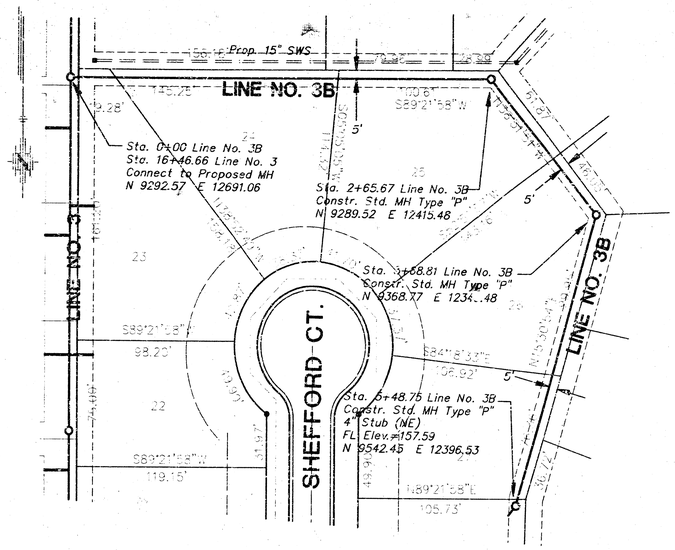


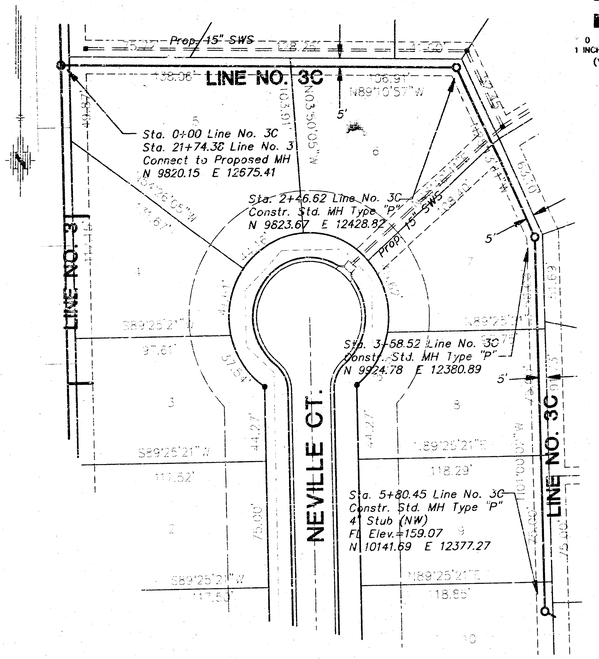


POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
5940 E. Central, Suite 200 ■ Wichita KS 67208 ■ 316/685-4114 ■ Fax 316/685-4444

FINAL
Designed By: J. Ubert / J. Dickman
Drawn By: M. Perez
Poe Job No.: 16564
Date: February 2000
Sheet 13 of 25

G:\APPS\OCA\P1650\base.dwg Mon May 08 16:55:14 2000 Jason Dickman - Poe & Associates of Kansas, Inc.





GRAPHIC SCALE
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(IN FEET)
1 INCH = 40 FT.
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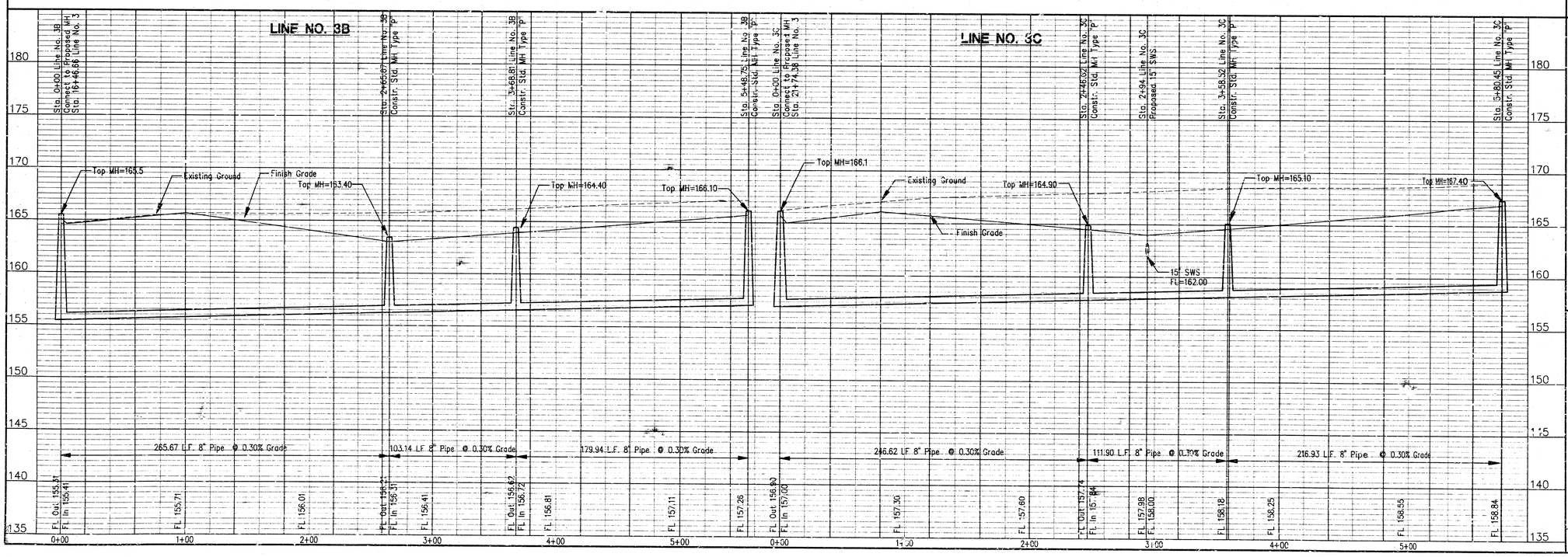
1 INCH = 5 FT.
(Vert.)



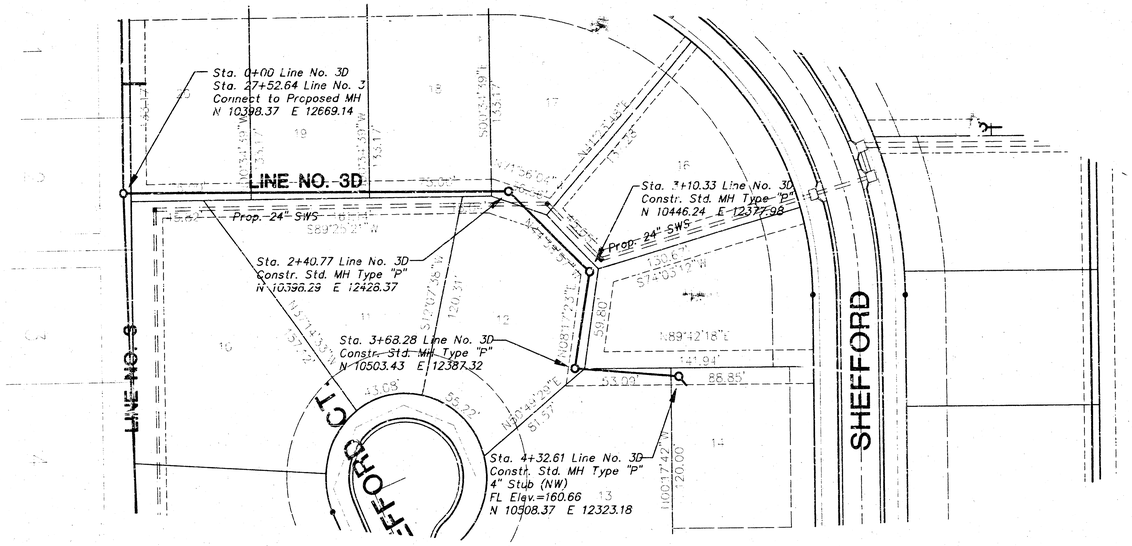
No.	Date	By	Revision
1	5/3/00	JU	Moved Line No. 3 Alignment
2		JU	

ABERDEEN 3RD ADDITION
SANITARY SEWER LINE NO. 3B & 3C
CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER
Proj. No. 468-83004 OCA# 743833

POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
3140 E. Central, Suite 206 ■ Wichita, KS 67208 ■ 316/683-1111 ■ Fax 316/683-1444

FINAL
Designed By: J. Ubert / J. Dickmon
Drawn By: M. Perez
Pce Job No.: 1656A
Date: February 2000
Sheet 14 of 25

G:\APPS\DOT4\P1656\base.dwg Fri May 05 08:43:28 2000 Jim Ubert - Poe & Associates of Kansas, Inc.



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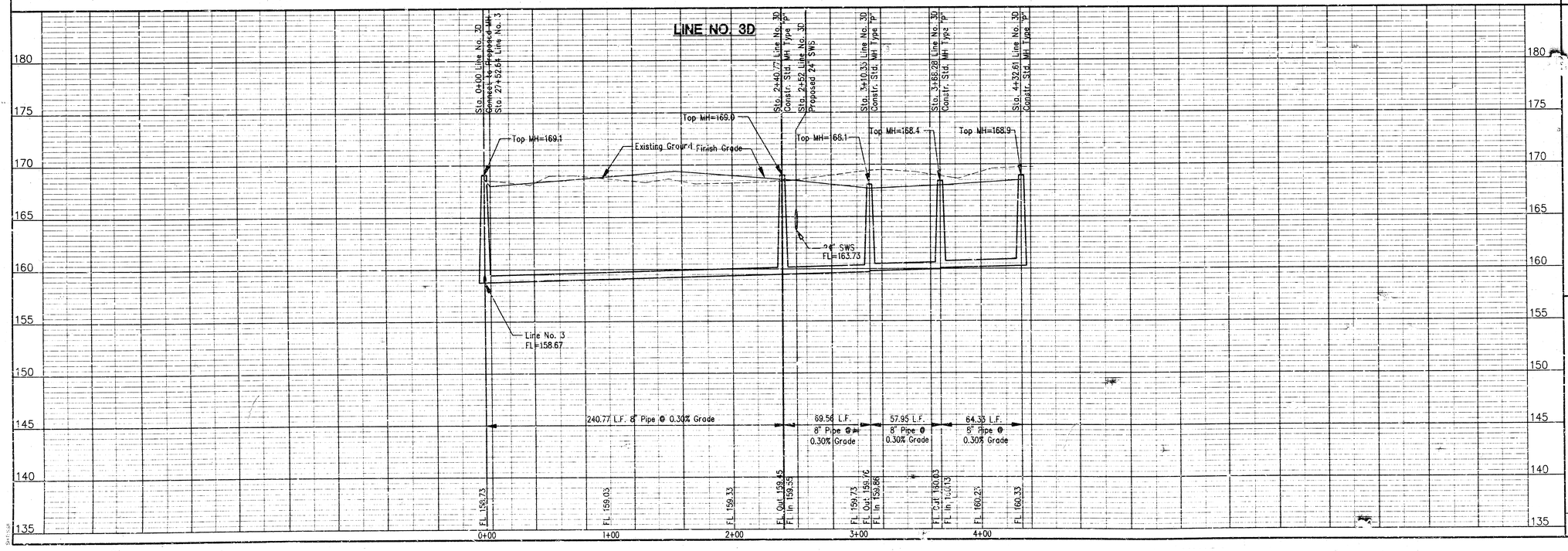
1 INCH = 5 FT. (Vert.)

1 INCH = 40 FT.



No.	Date	By	Approved	Revision
1	5/3/00	JJU	JJU	Moved Line No. 3 Alignment
2	5/15/00	JJP	JJU	Topmhl 0+00 Line No. 3D
3				

ABERDEEN 3RD ADDITION
SANITARY SEWER LINE NO. 3D

CITY OF WICHITA, KANSAS

MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER

Proj. No. 468-83004 OCA# 741833

POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
5940 E. Central, Suite 200 ■ Wichita KS 67208 ■ 316/685-4144 ■ Fax 316/685-4444

FINAL

Designed By: J. Ubert / J. Dickman
Drawn By: M. Perez
Poe Job No.: 1935A
Date: February 2000

Sheet 15 of 25

G:\APPSUCA\P1935A\base.dwg Mon May 08 16:50:15 2000 Jason Dickman - Poe & Associates of Kansas, Inc.

ABERDEEN 3RD ADDITION
SANITARY SEWER LINE NO. 3E
CITY OF WICHITA, KANSAS
MICHAEL E. LINDBAK, P.E. – CITY ENGINEER
Proj No. 468-83004 OCA# 713833

No.	Date	By	Approved	Revision
4	5/3/00	JU	JU	Moved Line No. 3E Alignment & Added 4" Stub
3				
2				
1				

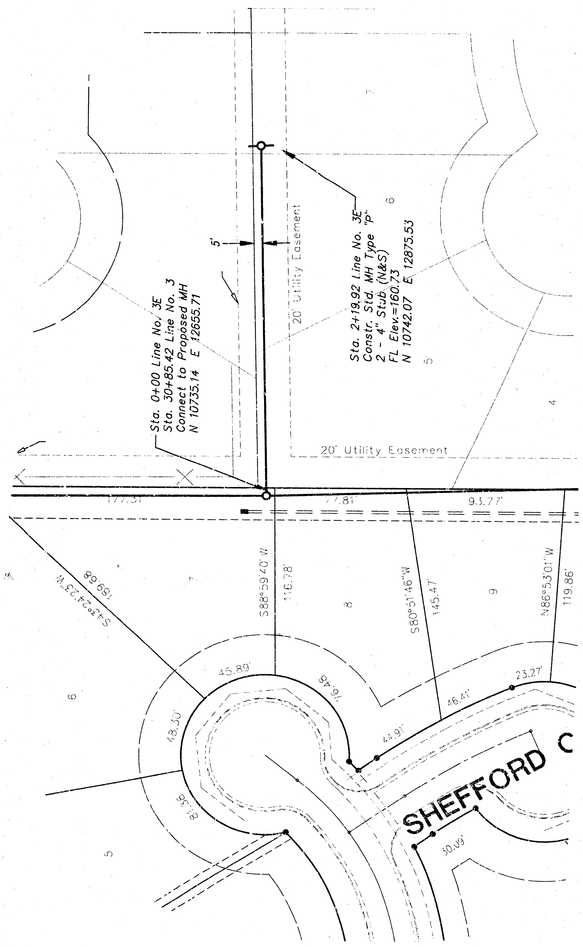
POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
5940 E. Cahuilla, Suite 200 ■ McPhail Center ■ 316/685-4114 ■ Fax 316/685-4444

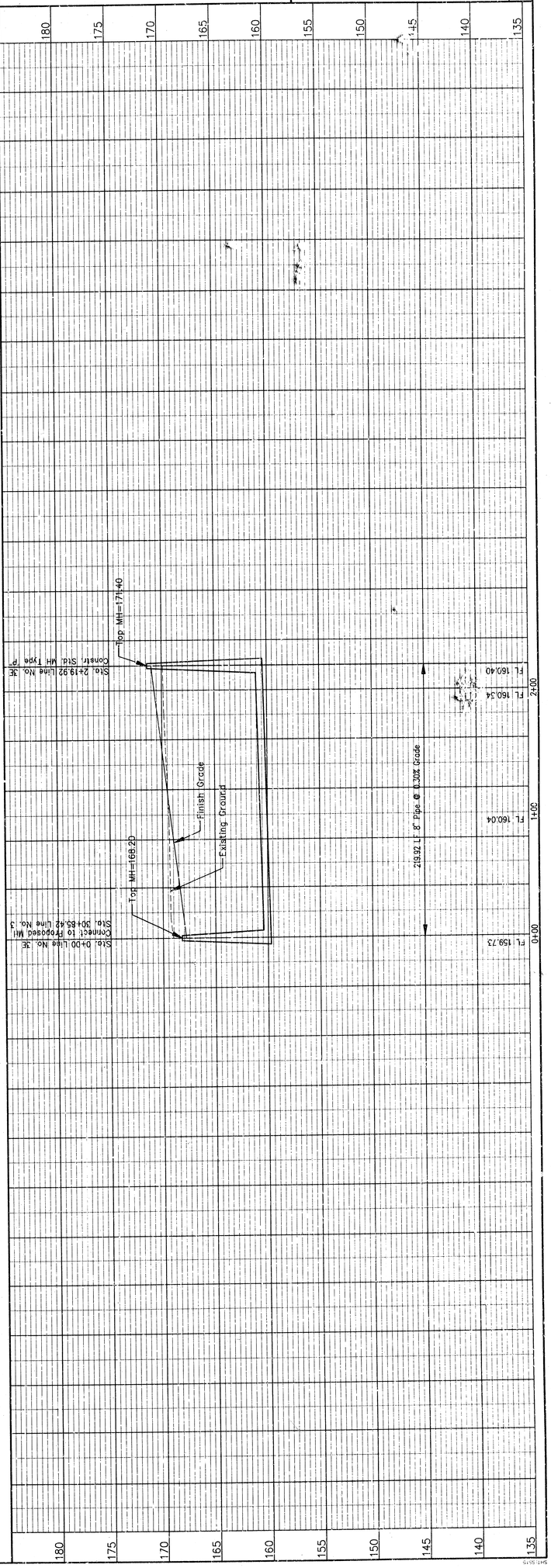
FINAL

Designed By: J. Ubert / J. Dickman
Drawn By: M. Perez
Poe Job No.: 1656A
Date: February 2000

Sheet 16 of 25

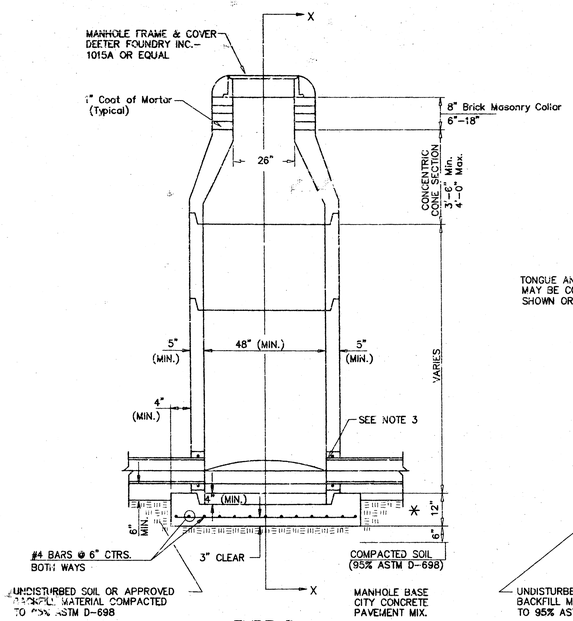
GRAPHIC SCALE
1 INCH = 5 FT. (Vert.)
1 INCH = 40 FT. (IN FEET)
0 40 80



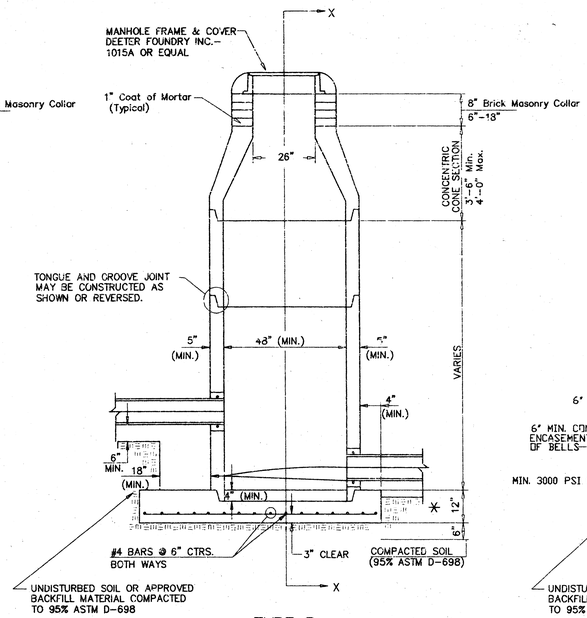


G:\APS\OCA\P\666\base.dwg Fri May 05 16:37:22 2000 Jim Ubert - Poe & Associates of Kansas, Inc.

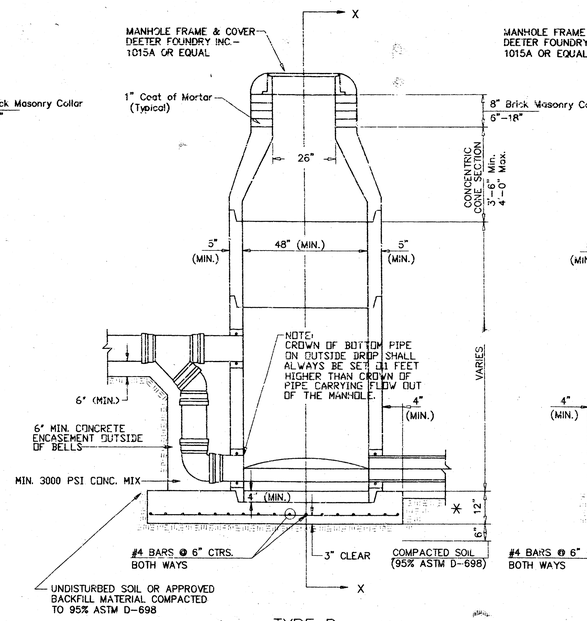
SEWER APPURTENANCES DETAILS



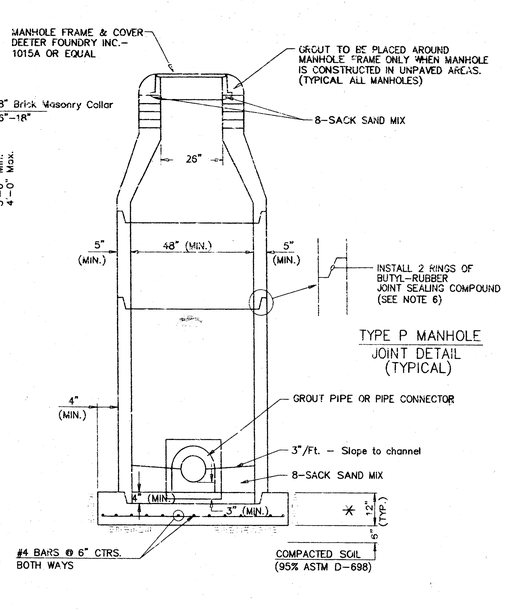
TYPE P
STANDARD MANHOLE



TYPE P
INSIDE DROP MANHOLE



TYPE P
OUTSIDE DROP MANHOLE



SECTION X
(TYPICAL)

GENERAL NOTES

PRECAST MANHOLE NOTES

1. ALL PRECAST CONCRETE MANHOLE SECTIONS SHALL CONFORM TO THE LATEST REVISIONS OF A.S.T.M. C478 AS MODIFIED BY THE SPECIFICATIONS.
2. NON-SHRINK GROUT SHALL BE NON-METALLIC TYPE.
3. APPROVED FLEXIBLE WATERSTOP GASKETS SHALL BE INSTALLED TO JOIN THE SEWER TO THE MANHOLE WALL WHEN A.B.S. COMPOSITE PIPE OR P.V.C. PIPE IS USED. FOR OTHER TYPES OF PIPE THE SEWER SHALL BE GROUTED IN PLACE WITH NON-SHRINK GROUT. THE SEWER PIPE SHALL BE SUPPORTED WITH CONCRETE ENCASEMENT A MINIMUM OF 3 FEET FROM THE MANHOLE WALL AND TO THE FIRST JOINT FOR V.C.P. SUCH THAT THE JOINT REMAINS FLEXIBLE.
4. ALL INSIDE SURFACES OF THE CONCRETE MANHOLE WHICH WOULD BE EXPOSED TO SEWER GAS SHALL BE COATED WITH 2 COATS TNEMEC SERIES 66 HI-BUILD EPOXOLINE, DRY THICKNESS OF 8 MILS (MIN.)
5. EXTERIOR MANHOLE WALLS SHALL BE COATED WITH 1 COAT MOBILARMA 633 BITUMINOUS COATING.
6. JOINT SEALING COMPOUND SHALL BE KENT SEAL NO. 2 OR APPROVED EQUAL.
7. PRECAST MANHOLES SHALL BE SET AT LEAST 4 INCHES INTO THE MANHOLE BASE.
8. TOP OF MANHOLE FLOOR SLAB SHALL BE AT LEAST 3 INCHES BELOW THE FLOW LINE OF THE OUTLET PIPE TO INSURE SUFFICIENT MINIMUM THICKNESS OF SHAPED INVERT.
9. LIFTING HOLES SHALL BE FILLED WITH NON-SHRINK GROUT AND THE INTERIOR SURFACE COATED AS SPECIFIED.
10. MORTAR USED IN MASONRY CONSTRUCTION SHALL CONTAIN 8 SACKS OF CEMENT PER CUBIC YARD. CONCRETE USED IN MANHOLE BASES SHALL CONFORM TO THE REQUIREMENTS OF CONCRETE FOR CONCRETE PAVEMENT CONSTRUCTION AS SPECIFIED IN THE CITY STANDARD PAVING SPECIFICATIONS USING CITY CONCRETE PAVEMENT MIX WITHOUT AIR ENTRAINING ADMIXTURE. MORTAR SHALL BE PLACED AROUND THE MANHOLE RING AS SHOWN ON THE DRAWINGS WHEN MANHOLES ARE CONSTRUCTED IN UNPAVED AREAS. MANHOLES CONSTRUCTED WHERE PIPE SIZES ARE SMALLER THAN 24" SHALL HAVE AN INSIDE DIAMETER OF 4'. MANHOLES CONSTRUCTED WHERE PIPE SIZES ARE 24" OR LARGER SHALL HAVE AN INSIDE DIAMETER OF 5'. COMPLETED MANHOLE SHALL BE WITHOUT LEAKS AND WATER TIGHT.
11. REINFORCING STEEL SHALL BE INSTALLED IN THE MANHOLE BASES AND SHALL CONSIST OF NO. 4 BARS PLACED ON 6" CENTERS IN BOTH DIRECTIONS. THE MANHOLE BASE REINFORCEMENT SHALL BE PLACED AT LEAST 3" ABOVE THE BOTTOM OF THE MANHOLE BASE. ALL COSTS FOR FURNISHING AND INSTALLING REINFORCING STEEL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE MANHOLE.
12. OPENINGS SHALL BE CUT INTO THE MANHOLE WALL WHEN OUTSIDE DROPS ARE CONSTRUCTED ON EXISTING MANHOLES. SUCH OPENINGS CUT INTO EXISTING MANHOLES SHALL BE AS SMALL AS PRACTICAL TO FACILITATE INSTALLING AND GROUTING THE NEW PIPE IN PLACE. WATERSTOP GASKETS SHALL BE USED WITH P.V.C. AND A.B.S. COMPOSITE PIPE. THE NEW PIPE SHALL BE GROUTED INTO THE OPENING USING AN APPROVED NONSHRINK GROUT FOR THE FULL MANHOLE WALL THICKNESS. THE EXTERIOR OF THE COMPLETED CONNECTION SHALL BE SEALED WITH AN APPROVED BITUMINOUS COATING SUCH THAT THE CONNECTION WILL BE WATER TIGHT. FLOOR OF MANHOLE SHALL BE MODIFIED TO FORM NEW FLOW CHANNEL FOR THE NEW CONNECTION AS INDICATED BY THE DRAWING. THIS WORK, INCLUDING MODIFICATION OF MANHOLE FLOOR, SHALL BE PAID FOR AT THE UNIT PRICE BID FOR OUTSIDE DROP STACK CONSTRUCTED ON EXISTING MANHOLE.
13. THE FLOORS OF ALL MANHOLES SHALL BE SHAPED WITH FLOW CHANNELS SUCH THAT THE MANHOLES WILL BE SELF CLEANING AND FREE OF AREAS WHERE SOLIDS COULD BE DEPOSITED AS SEWAGE FLOWS THROUGH THE MANHOLE FROM ALL INLET PIPES TO THE OUTLET PIPE. FLOW CHANNELS SHALL BE FORMED TO MATCH THE BOTTOM HALVES OF THE INFLOWING PIPES AND THE OUTFLOWING PIPE AS SHOWN BY THE DRAWINGS EXCEPT FOR INSIDE DROP MANHOLES. FLOW CHANNELS FOR INSIDE DROP MANHOLES SHALL BE CONSTRUCTED AS INDICATED BY THE DRAWING. MANHOLE FLOORS SHALL HAVE SLOPES OF 3 INCHES PER FOOT IN THE AREAS OUTSIDE OF THE FLOW CHANNELS SLOPED TOWARD THE FLOW CHANNELS. PIPES LAID THROUGH MANHOLES SHALL HAVE THE TOP HALF REMOVED TO NEAT LINES FOR THE FULL INSIDE DIAMETER OF THE MANHOLE. MANHOLE FLOORS SHALL THEN BE SHAPED AROUND THE BOTTOM HALF OF THE PIPE WHICH FORMS THE FLOW CHANNEL.
14. PIPES INSTALLED WITHIN THE EXCAVATION MADE FOR THE MANHOLE SHALL BE CRADLED WITH CONCRETE TO THE LIMITS OF THE MANHOLE EXCAVATION. WHEN CLAY PIPE IS USED, THE CRADLE SHALL EXTEND TO THE FIRST JOINT OUTSIDE THE MANHOLE. THE CRADLE SHALL BE TERMINATED AT THE CLAY PIPE JOINT IN A MANNER WHICH WILL MAINTAIN THE FLEXIBILITY OF THE JOINT. COST OF CRADLE WITHIN MANHOLE EXCAVATION OR TO CLAY PIPE JOINT ADJACENT TO MANHOLE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE MANHOLE.
15. MANHOLE COVER CASTINGS AND MANHOLE FRAME CASTINGS SHALL CONFORM TO THE REQUIREMENTS AS INDICATED IN THE STANDARD SPECIFICATIONS AND AS SHOWN IN THE STANDARD DETAIL DRAWING.
16. THE VERTICAL DROP IN INSIDE DROP MANHOLES SHALL NOT EXCEED 2' FOR INFLOWING PIPES SIZED 12" OR SMALLER AND 2' FOR INFLOWING PIPES LARGER THAN 12". THE CROWNS OF INFLOWING PIPES SHALL NEVER BE SET LOWER THAN THE CROWN OF THE OUTFLOWING PIPE.
17. STANDARD MANHOLES AND STANDARD INSIDE DROP MANHOLES SHALL BE BID AS STANDARD MANHOLES FOR THE TYPE AND DIAMETER INDICATED. OUTSIDE DROP MANHOLES SHALL BE BID AS STANDARD OUTSIDE DROP MANHOLES FOR THE TYPE AND DIAMETER INDICATED. ALL MANHOLE DIAMETERS WILL BE 4' UNLESS INDICATED OTHERWISE.
18. A BRICK MASONRY COLLAR SHALL BE INSTALLED BETWEEN THE CAST IRON FRAME AND THE CONCENTRIC CONE. THE COLLAR WILL HAVE 8" WALLS AND A VERTICAL HEIGHT OF 6" MINIMUM AND 18" MAXIMUM. A 1" COAT OF MORTAR WILL BE PLASTERED ON THE OUTSIDE OF THE COLLAR. THE USE OF PRE-CAST CONCRETE SPACERS FOR MANHOLE TOP ADJUSTMENT IS ALSO ALLOWED.

*

19. ALL MANHOLE BASE CONSTRUCTION THAT OCCURS IN THE FIELD MUST HAVE A MINIMUM OF EIGHT INCHES OF CONCRETE BELOW THE MANHOLE WALL AND THE WALL SECTION SHOULD EXTEND FOUR INCHES INTO THE BASE RESULTING IN A MINIMUM TOTAL BASE THICKNESS OF 12 INCHES. MONOLITHIC BASE SECTIONS CONSTRUCTED IN THE FACTORY AND CURED AS PER ASTM C478 MUST HAVE A MINIMUM EIGHT INCH THICK CONCRETE BASE. BASE SECTIONS CONSTRUCTED IN THE FACTORY UTILIZING A PREVIOUSLY MANUFACTURED MANHOLE WALL SECTION, AS OUTLINED IN THE ABOVE PARAGRAPH, MUST HAVE A MINIMUM BASE THICKNESS OF EIGHT INCHES WITH THE WALL SECTION EXTENDING FOUR INCHES INTO THE BASE AND BE MANUFACTURED IN COMPLIANCE WITH ASTM C478.

No.	Date	By	Approved	Revision

ABERDEEN 3RD ADDITION
TYPE "P" MANHOLE DETAILS

CITY OF WICHITA, KANSAS
MICHAEL E. LANGHAM, P.E. - CITY ENGINEER
Proj. No. 41-83004 OCA# 743833

POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
Suite E Century, Suite 200 ■ Wichita KS 67206 ■ 316/685-4114 ■ Fx. 316/685-4444

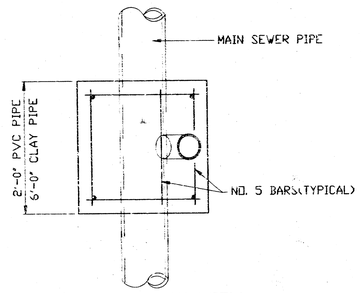
FINAL

Engineer: J. Ubert / J. Dickmon
Drawn By: M. Perez
Poe Job No.: 1656A
Date: March 2000

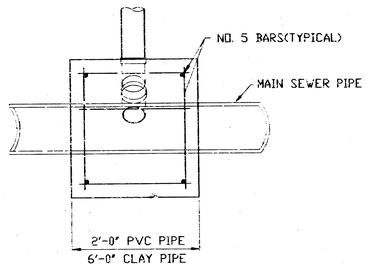
Sheet
17 of 25

G:\APPS\DCAD\1656\base.dwg Mon Mar 27 21:40:08 2000 Jim Ubert - Poe & Associates of Kansas, Inc.

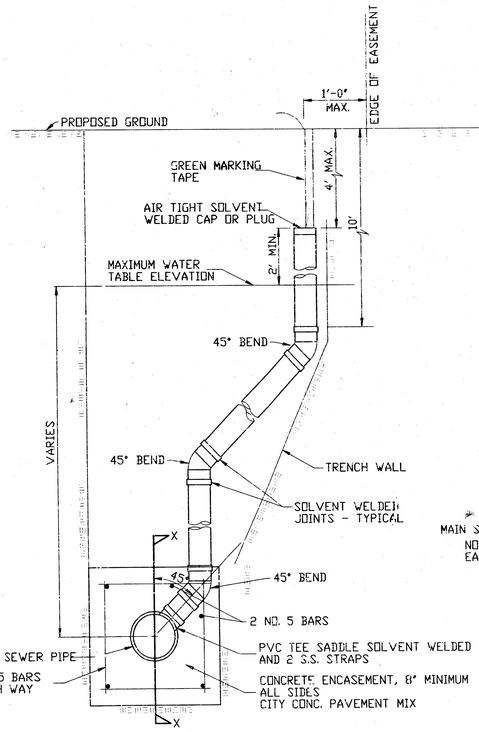
VERTICAL RISER DETAILS
ADOPTED AS STANDARD DESIGN
BY
CITY OF WICHITA, KANSAS
OCTOBER 1992



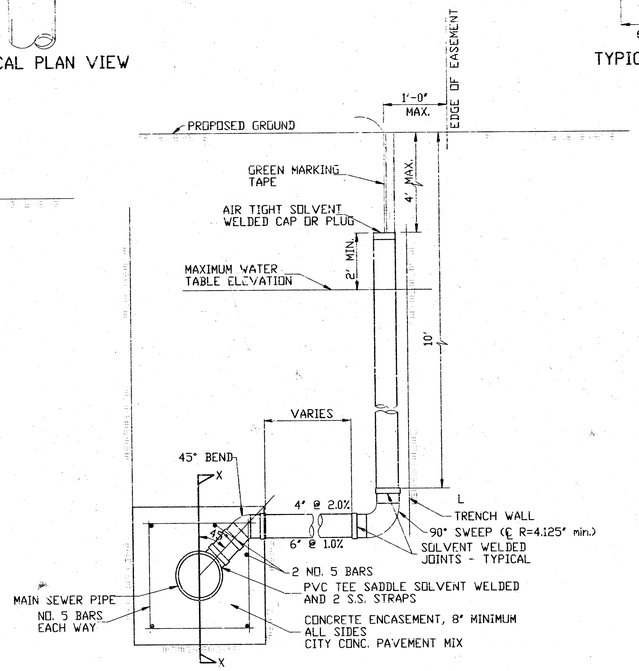
TYPICAL PLAN VIEW



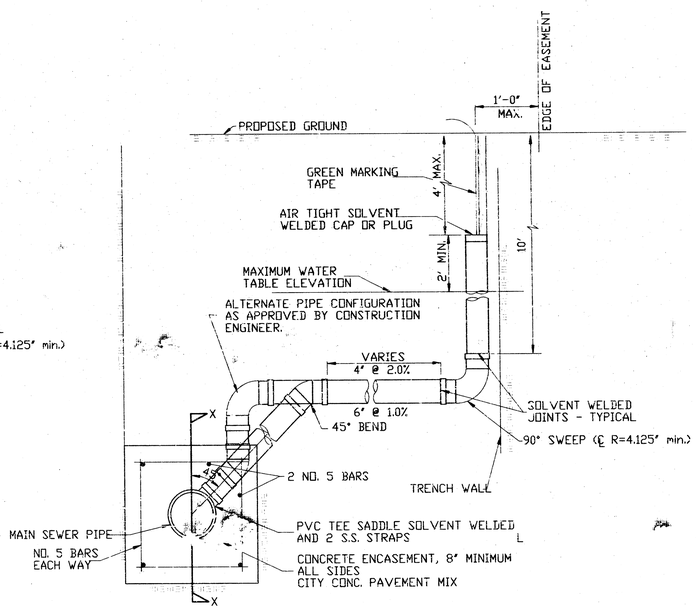
TYPICAL SECTION X-X



METHOD "A"



METHOD "B"



METHOD "C"

NOTE: RISER PIPE REQUIREMENTS AT MANHOLE STUBS SHALL BE SIMILAR TO THOSE SHOWN ABOVE.

GENERAL NOTES

1. RISERS. Risers shall be installed to serve all lots or tracts where the sanitary sewer main is below the water table. Risers shall also be installed to serve all lots and tracts where the sanitary sewer main depth is greater than 12 Feet below the proposed ground elevation. Installation of risers because of field conditions shall be as approved by the Construction Engineer. The location of the risers to serve developed property shall be approved by the property owner and the Construction Engineer.

2. PIPE STUBS. Pipe stubs shall be installed in manholes where locations of manholes will provide satisfactory service connection as determined by the Construction Engineer. The vertical distance between the flowline of the manhole pipe stub and the flowline of the sanitary sewer main out of the manhole shall not exceed 2 feet. Risers shall be utilized at manhole pipe stubs as indicted in Note 1. Manhole pipe stubs shall be set such that the top of the stub is not lower than the top of the sanitary sewer main.

3. SIZING. Pipe stubs and risers shall be sized according to the plans and riser table where risers are indicated by the plans. Where risers or pipe stubs are required because of field conditions, the risers and stubs shall be six-inch diameter for commercial or industrial properties and 4" or 6" diameter for residential properties, based on lot size and sanitary sewer main depth. Sizing of risers and stubs shall be approved by the Construction Engineer prior to installation.

4. RISER OR STUB MATERIAL. Risers and stubs shall be constructed of Schedule 40 PVC Pipe, meeting the requirements of the latest revision of ASTM. All pipe joints shall be solvent welded.

5. REINFORCED CONCRETE ENCASEMENT. Riser connections to clay pipe sanitary sewers shall be reinforced concrete encased both ways from the riser centerline. The reinforced concrete encasement shall extend three feet from the riser centerline or stop at the first sanitary sewer pipe joint within three feet of the riser centerline. Riser connections to PVC Sanitary Sewer mains shall be reinforced concrete encased one foot each way from the riser centerline. The concrete encasement shall be reinforced using reinforcing steel as shown in the appropriate drawing. The concrete shall conform to the City Standard Specifications for concrete pavement.

6. BEDDING. Bedding around the sanitary sewer riser shall be compacted Pipe Bedding Type 1 or 2. The bedding shall be placed and compacted from the depth of the sanitary sewer main to the top of the sanitary sewer riser pipe. Compacted Pipe Bedding Type 1 or 2 shall be required for all risers whether constructed in vertical wall or sloped wall trenches. Bedding material and construction practices shall be approved by the Construction Engineer prior to installation.

7. SUPPORT OF RISERS. Sanitary sewer riser pipe shall be supported during trench backfill. The riser pipe shall be held in a vertical position at all times until trench backfill or compaction has been completed. Contractor's methods for supporting and backfilling the riser pipe shall be approved by the Construction Engineer.

8. PLUGGING. The ends of the riser pipes and manhole stubs shall be plugged using an airtight solvent welded cap or plug. Cap or plug fittings shall be approved by the Construction Engineer prior to installation. Caps or plugs which do not provide an airtight seal will not be accepted.

9. TOP OF THE RISER PIPE. The top elevation of the sanitary sewer riser pipe shall be built per plan elevations, unless otherwise directed by the Construction Engineer. Where riser elevations are not shown on the plans, the top of the risers shall be set at an elevation four feet below the proposed ground surface. If ground water is encountered, the top of the riser pipe shall be set at an elevation two feet (min.) above the maximum water table elevation, regardless of the riser elevation shown on the plans.

10. MARKING. Locations of the ends of the sanitary sewer riser pipe shall be marked by fastening green colored plastic tape to the end of the riser. The tape shall be supported by a length of wooden 2 x 4, extending from the top of the riser pipe to the proposed ground surface. The green tape shall be visible and extend one foot above the proposed ground surface. The green tape shall be 4 mil Polyethylene film with a minimum width of three inches, specifically manufactured for the purpose of identification of underground sewers.

11. LOCATION MEASURES. The project inspector shall record and document the location of all risers constructed as measured from the nearest manhole, indicating the direction from the manhole, the direction and distance from the rain, riser size, and elevation of the top of the riser.

12. RISER LOCATION. The riser shall be located per plan if shown. If not shown on the plan, the riser shall be located at the center of the lot, within one foot of the property side of the easement for the lot being served. All riser locations shall be approved by the Construction Engineer prior to installation.

13. PAYMENT. "Sanitary sewer risers" shall be paid for at the contract unit price per each, which price shall be full compensation for all pipe, fittings, marking tape, length of wooden 2 x 4, reinforced concrete encasement, support during backfill, backfill, labor, site restoration, and any other items necessary to complete the work.

"Manhole stubs" shall be paid for at the contract unit price per each, which shall be full compensation for all labor, material, and incidentals necessary to complete the work including all pipe, fittings, reinforced concrete encasement, and all other items as required and listed for "Sanitary Sewer Risers".

ABERDEEN 3RD ADDITION
LATERAL 432, SOUTHWEST INTERCEPTOR SEWER

THE CITY OF WICHITA
CITY ENGINEER'S OFFICE
CITY HALL - SIXTH FLOOR
455 NORTH MAIN STREET
WICHITA, KANSAS 67202
(316) 268-4351
(316) 268-4114 FAX

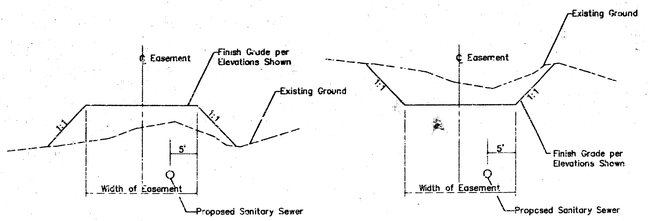
VERTICAL RISER DETAIL

M. E. LINDEBAK P.E. – CITY ENGINEER

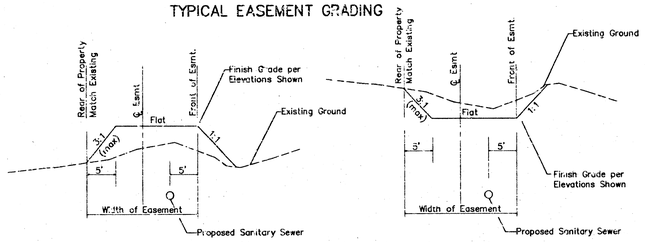
PROJECT NUMBER	OCA NO.
468-83004	743833
DATE: MAR 96	SHEET 18 OF 25

REV: 4/16/98 GAM (Removed SDR 35)

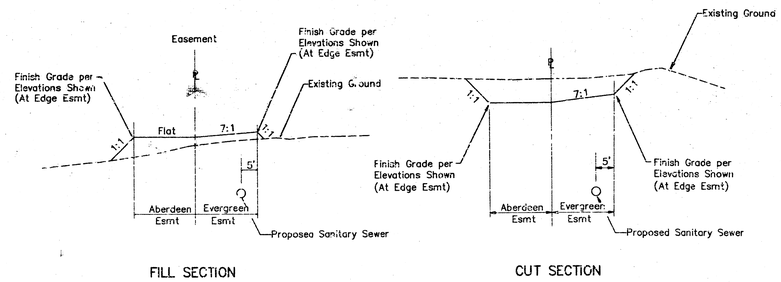
G:\APPS\DCAP\665\riserdtl.dwg Mon Mar 27 21:25:37 2000 Jim Ubert - Poe & Associates of Kansas, Inc



TYPICAL EASEMENT GRADING



⚠3 TYPICAL EASEMENT GRADING
(S. Side Lots 50 & 52 & E. Side of Lots 52–58, Block 3
to the end of the Hedge Row)



TYPICAL EASEMENT GRADING
(East Edge Along Evergreen Addition)

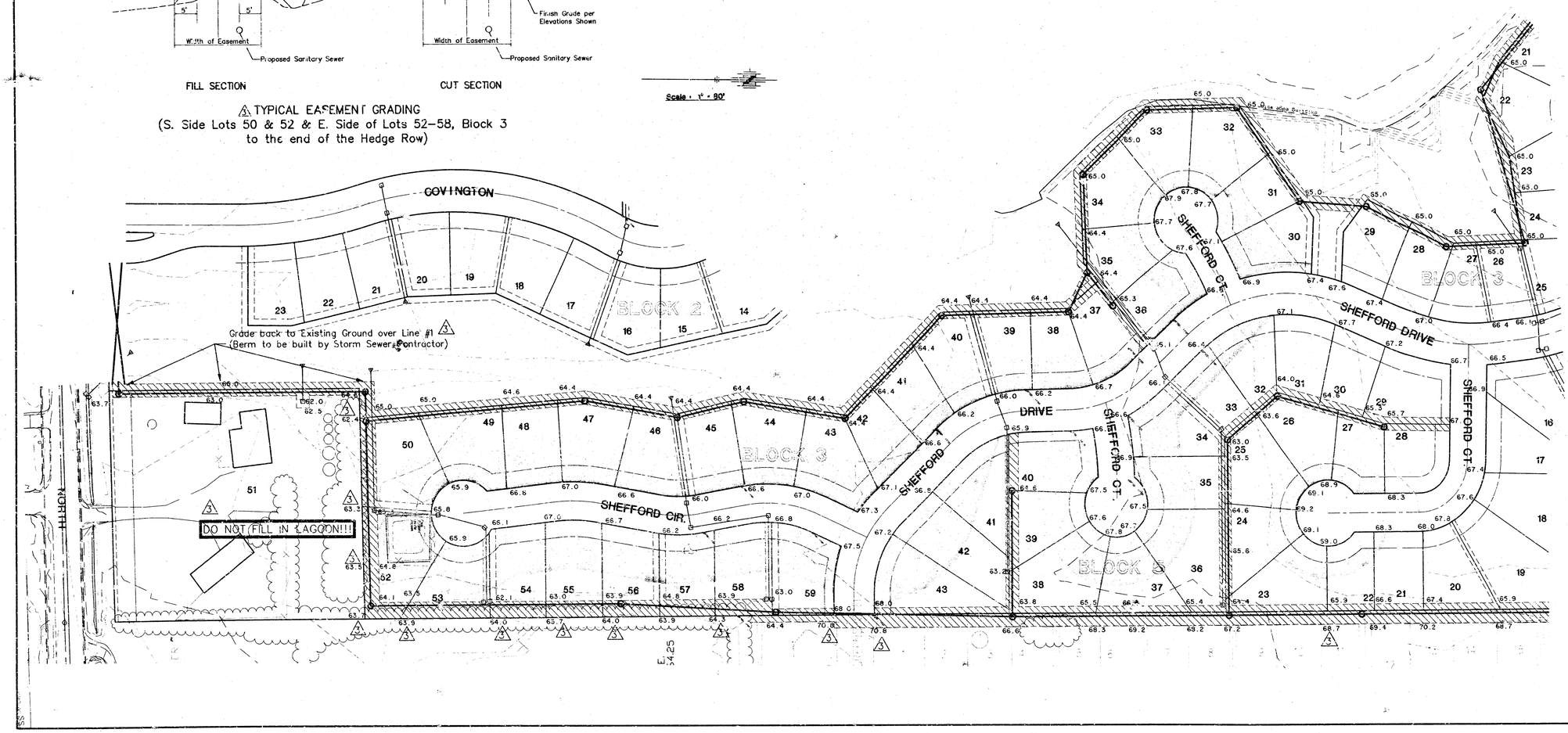
NOTE:
Sanitary Sewer Contractor Shall Grade All Shaded Easements to the Elevations Shown. (See Detail this Sheet)

Waste Areas
Contractor Shall Evenly Spread to Lot Elevations as Shown.

EARTHWORK SUMMARY
(For information Only)

Cut: 10,666 CY
Fill: 5,234 CY
(Does not include shrinkage)

Scale: 1" = 80'



No.	Date	By	Approved	Revision
2	5/3/00	JU	JU	Moved Line No. 3 Alignment
1	5/13/00	JU	JU	Added Detail and Revised Spot Grades

ABERDEEN 3RD ADDITION
EASEMENT GRADING PLAN
CITY OF WICHITA, KANSAS
MICHAEL E. LINDEMA, P.E. - CITY ENGINEER
Proj No. 468-84004 OCA# 748833

POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
Shawnee Mission, Kansas 66206 ■ (913) 432-4114 ■ Fax (913) 432-4444

FINAL

Designed By: J. Ubert / J. Dickman
Drawn By: M. Perez / J. Dickman
Poe Job No.: 1650A
Date: January 2000
Sheet 19 of 25

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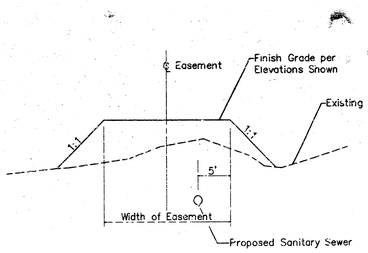
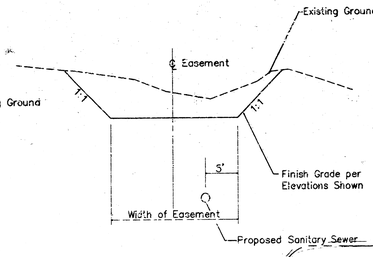
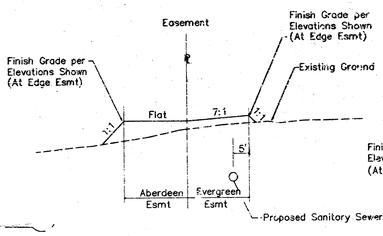


FILL SECTION



CUT SECTION

TYPICAL EASEMENT GRADING



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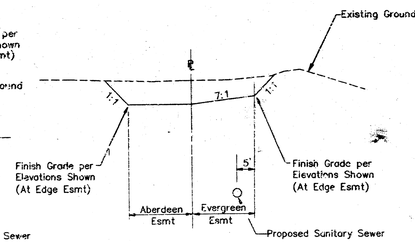


CUT SECTION

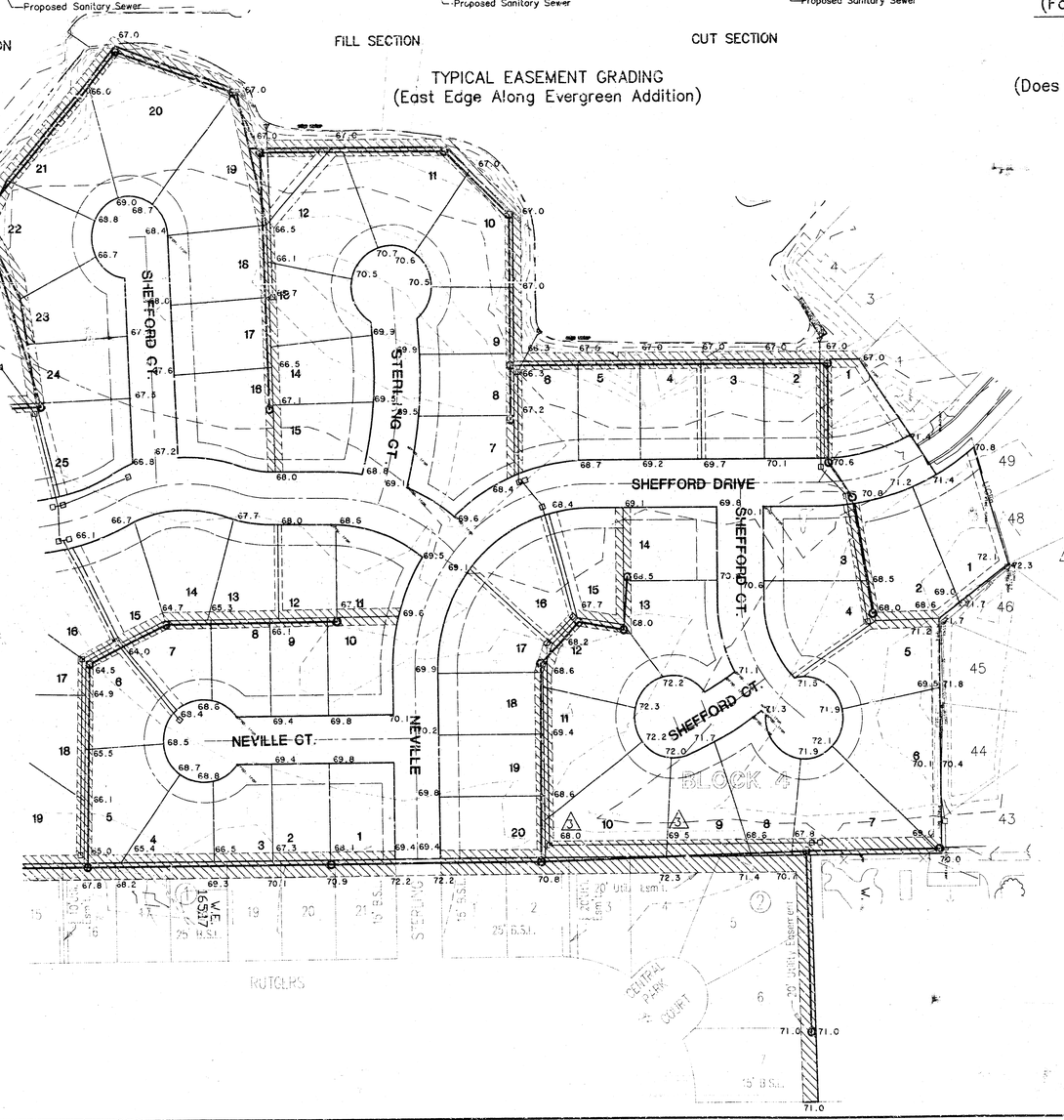
TYPICAL EASEMENT GRADING
(East Edge Along Evergreen Addition)

NOTE:
Sanitary Sewer Contractor Shall Grade All Shaded Easements to the Elevations Shown. (See Detail this Sheet)

Waste Areas
Contractor Shall Evenly Spread to Lot Elevations as Shown.

EARTHWORK SUMMARY
(For information Only)

Cut: 10,666 CY
Fill: 5,234 CY
(Does not include shrinkage)



Scale : 1" = 80'

No.	Date	By	Approved	Re: Item
2	5/3/00	JU	JU	Moved Line No. 3 Alignment
1	5/13/00	JU	JU	Revised Spot Grades

ABERDEEN 3RD ADDITION
EASEMENT GRADING PLAN
CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER
Proj. No. 468-83004 OCA# 743333

POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
5940 L Corvus, Suite 200 ■ Wichita, KS 67203 ■ 316/685-4444 ■ Fax 316/685-4444

FINAL

Designed By: J. Ubert / J. Dickman
Drawn By: M. Perez / J. Dickman
Proj. Job. No.: 1656
Date: March 2000

Sheet
20 of 25

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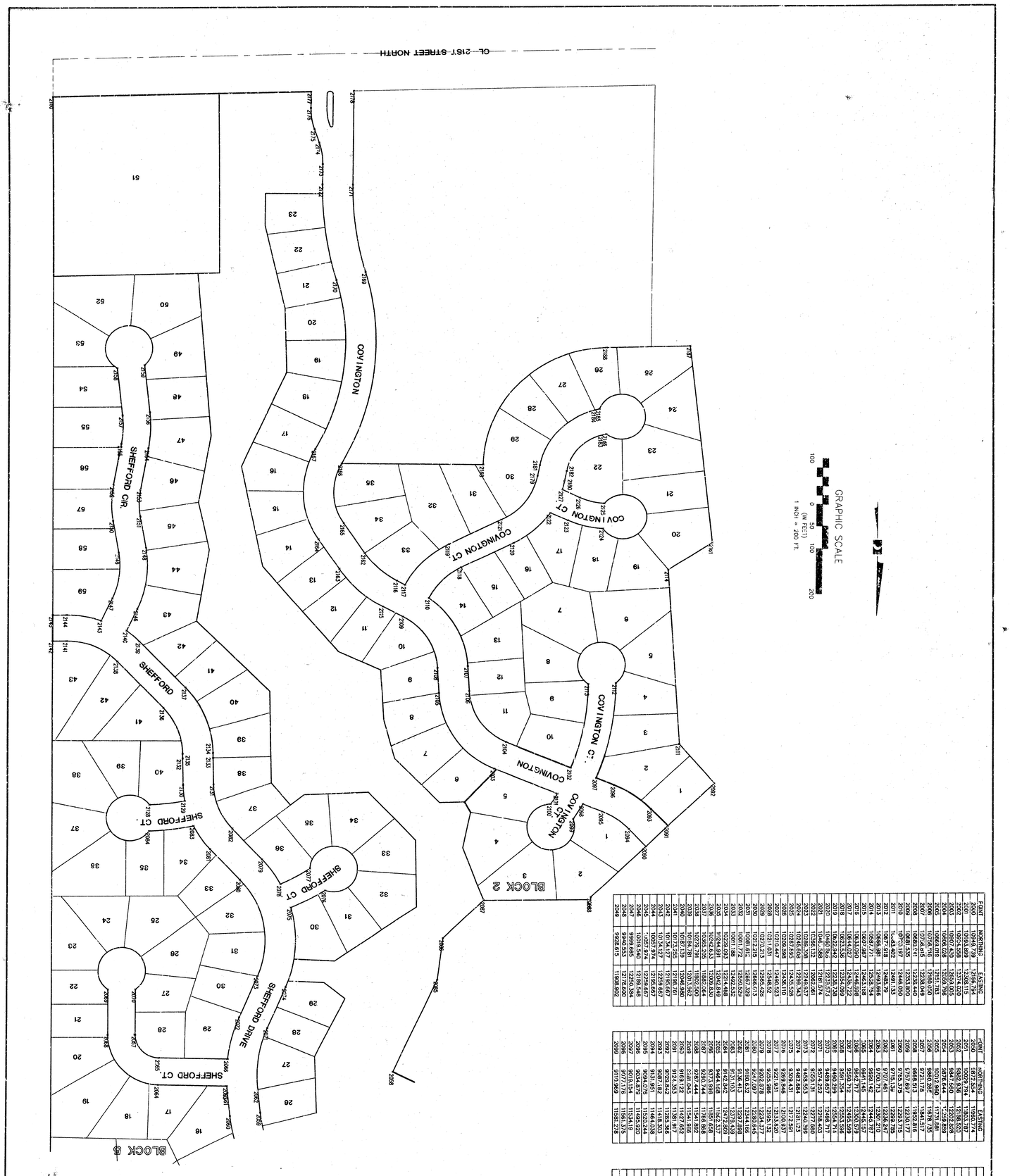

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2006	10756.915	12160.050
2007	10746.915	12238.049
2008	10746.915	12283.049
2009	10681.335	12353.800
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2011	10648.402	12481.133
2012	10566.381	12483.868
2013	10566.381	12483.868
2014	10567.711	12538.754
2015	10607.807	12463.138
2016	10607.807	12463.138
2017	10644.027	12435.722
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2019	10623.546	12399.099
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2022	11386.132	12662.061
2023	10248.208	12280.342
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2025	10287.855	12435.508
2026	10209.398	12438.110
2027	10211.631	12548.122
2028	10212.215	12666.013
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2049	9928.615	11906.902

POINT	NORTHING	EASTING
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2053	9947.460	12202.629
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2065	9641.145	12445.157
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2067	9580.712	12468.599
2068	9591.354	12553.396
2069	9460.239	12554.714
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2090	9077.178	11561.375

POINT	NORTHING	EASTING
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2109	9176.324	13054.439
2110	9176.324	13099.439
2111	9176.324	13144.439
2112	9176.324	13189.439
2113	9176.324	13234.439
2114	9176.324	13279.439
2115	9176.324	13324.439
2116	9176.324	13369.439
2117	9176.324	13414.439
2118	9176.324	13459.439
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2121	9176.324	13594.439
2122	9176.324	13639.439
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2125	9176.324	13774.439
2126	9176.324	13819.439
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2129	9176.324	13954.439
2130	9176.324	13999.439
2131	9176.324	14044.439
2132	9176.324	14089.439
2133	9176.324	14134.439
2134	9176.324	14179.439
2135	9176.324	14224.439
2136	9176.324	14269.439
2137	9176.324	14314.439
2138	9176.324	14359.439
2139	9176.324	14404.439
2140	9176.324	14449.439
2141	9176.324	14494.439
2142	9176.324	14539.439
2143	9176.324	14584.439
2144	9176.324	14629.439
2145	9176.324	14674.439
2146	9176.324	14719.439
2147	9176.324	14764.439
2148	9176.324	14809.439
2149	8539.476	12545.482

POINT	NORTHING	EASTING
2150	8459.602	12554.412
2151	8459.602	12599.412
2152	8378.711	12548.823
2153	8388.580	12901.678
2154	8288.704	12481.150
2155	8288.704	12526.150
2156	8210.155	12484.059
2157	8225.031	12541.850
2158	8170.102	12554.179
2159	8170.102	12599.179
2160	7911.059	12680.703
2161	8499.432	13286.176
2162	8562.703	13597.742
2163	8562.703	13642.742
2164	8467.656	12125.859
2165	8467.527	12077.828
2166	8467.527	12122.828
2167	8598.054	12174.207
2168	8598.581	11941.578
2169	8539.240	11786.037
2170	7963.754	12033.772
2171	7711.504	12067.695
2172	7711.590	12126.600
2173	7685.513	12126.601
2174	7685.513	12171.601
2175	7587.368	12144.864
2176	7539.284	12152.592
2177	7502.858	12152.589
2178	8502.260	11688.360
2179	8502.260	11688.360
2180	8483.445	11698.339
2181	8502.260	11733.360
2182	8539.311	11863.375
2183	8562.682	11531.044
2184	8206.989	11548.061
2185	8206.989	11593.061
2186	8084.058	11536.833
2187	8083.000	11347.331
2188	8087.607	11523.467
2189	10961.960	12139.886

POINT	NORTHING	EASTING
2190	10977.562	12139.016
2191	10977.562	12184.016
2192	11027.241	12134.823
2193	11027.241	12179.823
2194	11027.241	12224.823
2195	11027.241	12269.823
2196	11027.241	12314.823
2197	11027.241	12359.823
2198	11027.241	12404.823
2199	11027.241	12449.823
2200	11027.241	12494.823
2201	11027.241	12539.823
2202	11027.241	12584.823
2203	11027.241	12629.823
2204	11027.241	12674.823
2205	11027.241	12719.823
2206	11027.241	12764.823
2207	11027.241	12809.823
2208	11027.241	12854.823
2209	11027.241	12899.823
2210	11027.241	12944.823
2211	11027.241	12989.823
2212	11027.241	13034.823
2213	11027.241	13079.823
2214	11027.241	13124.823
2215	11027.241	13169.823
2216	11027.241	13214.823
2217	11027.241	13259.823
2218	11027.241	13304.823
2219	11027.241	13349.823
2220	11027.241	13394.823
2221	11027.241	13439.823
2222	11027.241	13484.823
2223	11027.241	13529.823
2224	11027.241	13574.823
2225	11027.241	13619.823
2226	11027.241	13664.823
2227	11027.241	13709.823
2228	11027.241	13754.823
2229	11027.241	13799.823
2230	11027.241	13844.823
2231	11027.241	13889.823
2232	11027.241	13934.823
2233	11027.241	13979.823
2234	11027.241	14024.823
2235	11027.241	14069.823
2236	11027.241	14114.823
2237	11027.241	14159.823
2238	11027.241	14204.823
2239	11027.241	14249.823
2240	11027.241	14294.823
2241	11027.241	14339.823
2242	11027.241	14384.823
2243	11027.241	14429.823
2244	11027.241	14474.823
2245	11027.241	14519.823
2246	11027.241	14564.823
2247	11027.241	14609.823
2248	11027.241	14654.823
2249	11027.241	14699.823

POINT	NORTHING	EASTING
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2251	11027.241	14789.823
2252	11027.241	14834.823
2253	11027.241	14879.823
2254	11027.241	14924.823
2255	11027.241	14969.823
2256	11027.241	15014.823
2257	11027.241	15059.823
2258	11027.241	15104.823
2259	11027.241	15149.823
2260	11027.241	15194.823
2261	11027.241	15239.823
2262	11027.241	15284.823
2263	11027.241	15329.823
2264	11027.241	15374.823
2265	11027.241	15419.823
2266	11027.241	15464.823
2267	11027.241	15509.823
2268	11027.241	15554.823
2269	11027.241	15599.823
2270	11027.241	15644.823
2271	11027.241	15689.823
2272	11027.241	15734.823
2273	11027.241	15779.823
2274	11027.241	15824.823
2275	11027.241	15869.823
2276	11027.241	15914.823
2277	11027.241	15959.823
2278	11027.241	16004.823
2279	11027.241	16049.823
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2283	11027.241	16229.823
2284	11027.241	16274.823
2285	11027.241	16319.823
2286	11027.241	16364.823
2287	11027.241	16409.823
2288	11027.241	16454.823
2289	11027.241	16499.823
2290	11027.241	16544.823
2291	11027.241	16589.823
2292	11027.241	16634.823
2293	11027.241	16679.823
2294	11027.241	16724.823
2295	11027.241	16769.823
2296	11027.241	16814.823
2297	11027.241	16859.823
2298	11027.241	16904.823
2299	11027.241	16949.823
2300	11027.241	16994.823
2301	11027.241	17039.823
2302	11027.241	17084.823
2303	11027.241	17129.823
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2316	11027.241	17714.823
2317	11027.241	17759.823
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2321	11027.241	17939.823
2322	11027.241	17984.823
2323	11027.241	18029.823
2324	11027.241	18074.823
2325	11027.241	18119.823
2326	11027.241	18164.823
2327	11027.241	18209.823
2328	11027.241	18254.823
2329	11027.241	18299.823
2330	11027.241	18344.823
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2333	11027.241	18479.823
2334	11027.241	18524.823
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2336	11027.241	18614.823
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2339	11027.241	18749.823
2340	11027.241	18794.823
2341	11027.241	18839.823
2342	11027.241	18884.823
2343	11027.241	18929.823
2344	11027.241	18974.823
2345	11027.241	19019.823
2346	11027.241	19064.823
2347	11027.241	19109.823
2348	11027.241	19154.823
2349	11027.241	19199.823

No.	Date	By	Approved	Revision
1				
2				
3				
4				

FINAL

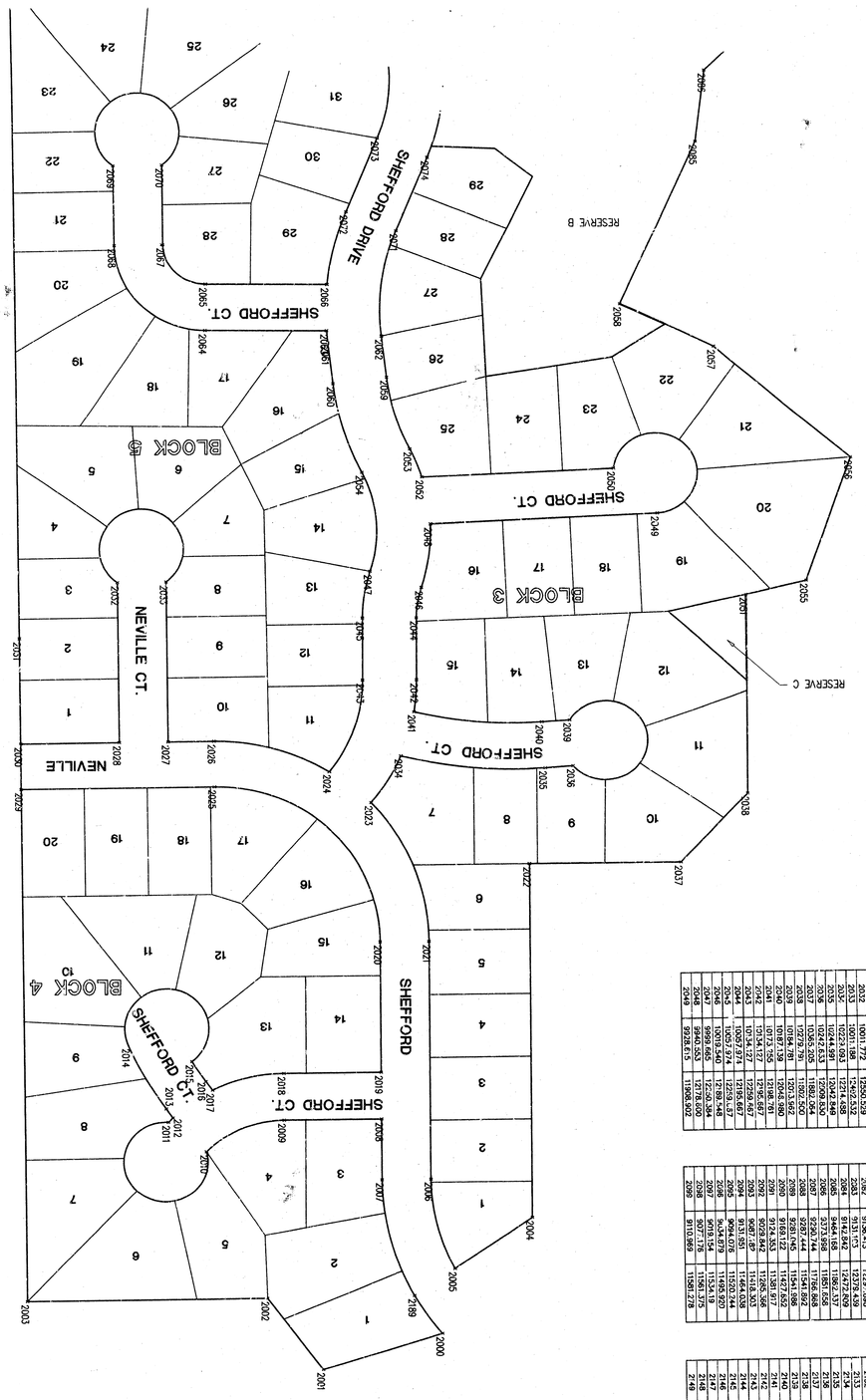
Designed By: J. Ubert / J. Dickman
Drawn By: M. Perez / J. Dickman
Poe Job No.: 1656A
Date: March 2000

Sheet 21 of 25

POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
5940 E. Central, Suite 200 ■ Wichita KS 67208 ■ 316/685-4114 ■ Fax 316/685-4444

ABERDEEN 3RD ADDITION
COORDINATE POINTS LIST
CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, P.E. – CITY ENGINEER
Proj. No. 468-83004 OCA# 743833

G:\APPS\DCA\P\656\Stakeout.dwg Mon Mar 27 21:50:27 2000 Jim Ubert - Poe & Associates of Kansas, Inc.



GRAPHIC SCALE
100 0 50 100 200
(IN FEET)
1 INCH = 200 FT.

POINT	NORTHING	EASTING
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2001	10944.458	12374.020
2002	11093.369	12373.774
2003	10997.430	12559.405
2004	10868.018	12181.783
2005	10756.915	12238.546
2006	10756.915	12780.050
2007	10756.915	12838.546
2008	10868.018	12895.309
2009	11070.197	12446.050
2010	10868.018	12483.866
2011	10868.018	12546.774
2012	10868.018	12483.168
2013	10868.018	12354.099
2014	10868.018	12238.546
2015	10868.018	12354.027
2016	10868.018	12238.546
2017	10868.018	12354.099
2018	10868.018	12354.099
2019	10868.018	12354.099
2020	10868.018	12354.099
2021	10756.915	12238.546
2022	10756.915	12780.050
2023	10868.018	12838.546
2024	10868.018	12895.309
2025	11070.197	12446.050
2026	10868.018	12483.866
2027	10868.018	12546.774
2028	10868.018	12483.168
2029	10868.018	12354.099
2030	10868.018	12238.546
2031	10868.018	12354.099
2032	10868.018	12354.099
2033	10868.018	12354.099
2034	10868.018	12354.099
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2039	10868.018	12354.099
2040	10868.018	12354.099
2041	10868.018	12354.099
2042	10868.018	12354.099
2043	10868.018	12354.099
2044	10868.018	12354.099
2045	10868.018	12354.099
2046	10868.018	12354.099
2047	10868.018	12354.099
2048	10868.018	12354.099
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2050	10868.018	12354.099
2051	10868.018	12354.099
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2058	10868.018	12354.099
2059	10868.018	12354.099
2060	10868.018	12354.099
2061	10868.018	12354.099
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2063	10868.018	12354.099
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2067	10868.018	12354.099
2068	10868.018	12354.099
2069	10868.018	12354.099
2070	10868.018	12354.099
2071	10868.018	12354.099
2072	10868.018	12354.099
2073	10868.018	12354.099
2074	10868.018	12354.099
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2089	10868.018	12354.099
2090	10868.018	12354.099
2091	10868.018	12354.099
2092	10868.018	12354.099
2093	10868.018	12354.099
2094	10868.018	12354.099
2095	10868.018	12354.099
2096	10868.018	12354.099
2097	10868.018	12354.099
2098	10868.018	12354.099
2099	10868.018	12354.099

POINT	NORTHING	EASTING
2100	10868.018	12354.099
2101	10868.018	12354.099
2102	10868.018	12354.099
2103	10868.018	12354.099
2104	10868.018	12354.099
2105	10868.018	12354.099
2106	10868.018	12354.099
2107	10868.018	12354.099
2108	10868.018	12354.099
2109	10868.018	12354.099
2110	10868.018	12354.099
2111	10868.018	12354.099
2112	10868.018	12354.099
2113	10868.018	12354.099
2114	10868.018	12354.099
2115	10868.018	12354.099
2116	10868.018	12354.099
2117	10868.018	12354.099
2118	10868.018	12354.099
2119	10868.018	12354.099
2120	10868.018	12354.099
2121	10868.018	12354.099
2122	10868.018	12354.099
2123	10868.018	12354.099
2124	10868.018	12354.099
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2129	10868.018	12354.099
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2131	10868.018	12354.099
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2135	10868.018	12354.099
2136	10868.018	12354.099
2137	10868.018	12354.099
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2147	10868.018	12354.099
2148	10868.018	12354.099
2149	10868.018	12354.099

POINT	NORTHING	EASTING
2150	10868.018	12354.099
2151	10868.018	12354.099
2152	10868.018	12354.099
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2159	10868.018	12354.099
2160	10868.018	12354.099
2161	10868.018	12354.099
2162	10868.018	12354.099
2163	10868.018	12354.099
2164	10868.018	12354.099
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2166	10868.018	12354.099
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2168	10868.018	12354.099
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2170	10868.018	12354.099
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2173	10868.018	12354.099
2174	10868.018	12354.099
2175	10868.018	12354.099
2176	10868.018	12354.099
2177	10868.018	12354.099
2178	10868.018	12354.099
2179	10868.018	12354.099
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2184	10868.018	12354.099
2185	10868.018	12354.099
2186	10868.018	12354.099
2187	10868.018	12354.099
2188	10868.018	12354.099
2189	10868.018	12354.099

POINT	NORTHING	EASTING
2190	5458.002	12558.412
2191	5448.535	12501.364
2192	5498.598	12501.878
2193	5498.598	12547.314
2194	5498.104	12488.160
2195	5428.835	12547.314
2196	5425.031	12546.662
2197	5425.031	12546.587
2198	5120.102	12554.179
2199	5119.228	12546.587
2200	5119.228	12546.587
2201	5499.439	12358.178
2202	5499.439	12358.178
2203	5865.332	12358.340
2204	5865.332	12358.340
2205	5841.527	12072.558
2206	5539.217	12078.847
2207	5539.217	12078.847
2208	5539.217	12078.847
2209	5539.217	12078.847
2210	5539.217	12078.847
2211	5539.217	12078.847
2212	5539.217	12078.847
2213	5539.217	12078.847
2214	5539.217	12078.847
2215	5539.217	12078.847
2216	5539.217	12078.847
2217	5539.217	12078.847
2218	5539.217	12078.847
2219	5539.217	12078.847
2220	5539.217	12078.847
2221	5539.217	12078.847
2222	5539.217	12078.847
2223	5539.217	12078.847
2224	5539.217	12078.847
2225	5539.217	12078.847
2226	5539.217	12078.847
2227	5539.217	12078.847
2228	5539.217	12078.847
2229	5539.217	12078.847
2230	5539.217	12078.847
2231	5539.217	12078.847
2232	5539.217	12078.847
2233	5539.217	12078.847
2234	5539.217	12078.847
2235	5539.217	12078.847
2236	5539.217	12078.847
2237	5539.217	12078.847
2238	5539.217	12078.847
2239	5539.217	12078.847
2240	5539.217	12078.847
2241	5539.217	12078.847
2242	5539.217	12078.847
2243	5539.217	12078.847
2244	5539.217	12078.847
2245	5539.217	12078.847
2246	5539.217	12078.847
2247	5539.217	12078.847
2248	5539.217	12078.847
2249	5539.217	12078.847

No.	Date	By	Approved	Revision
1				
2				
3				
4				

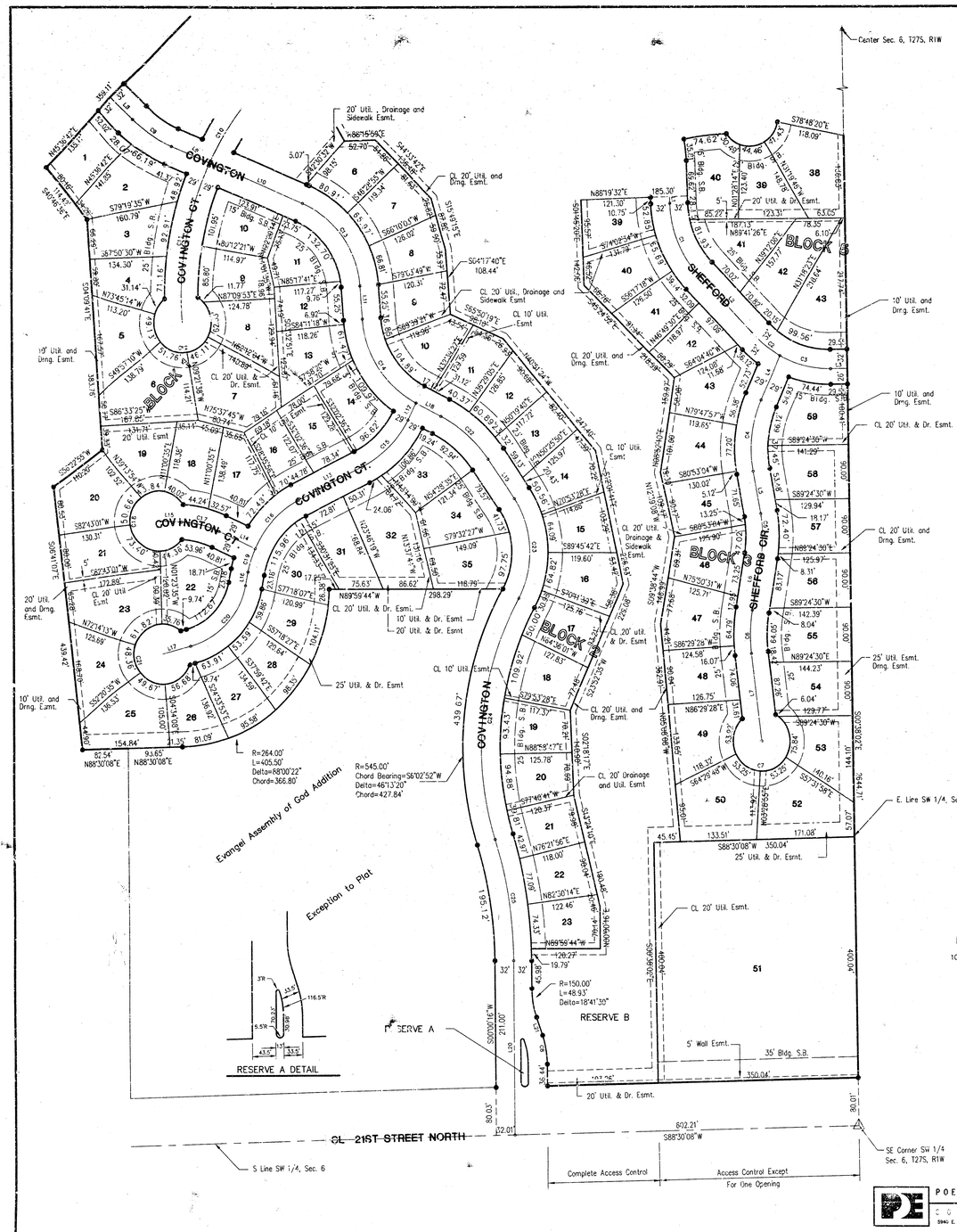
FINAL

Designed By: J. Ubert / J. Dickman
Drawn By: M. Perez / J. Dickman
Poe Job No.: 1656A
Date: March 2000

Sheet 22 of 25

POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
5940 E. Central, Suite 200 ■ Wichita KS 67208 ■ 316/685-4114 ■ Fax 316/685-4444

ABERDEEN 3RD ADDITION
COORDINATE POINTS LIST
CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER
Proj. No. 468-83004 OCA# 743833



LINE TABLE		
LINE	LENGTH	BEARING
L1	10.75'	S01°40'28"E
L2	140.84'	N44°17'28"W
L3	29.55'	N89°21'58"E
L4	80.90'	S24°18'22"W
L5	71.65'	N10°23'48"W
L6	91.21'	N09°47'47"E
L7	146.41'	N05°48'32"W
L8	52.02'	S44°23'18"E
L9	71.02'	S67°39'46"E
L10	176.22'	S67°39'46"E
L11	55.25'	N03°53'41"W
L12	31.77'	S27°18'30"W
L13	123.13'	S63°15'33"W
L14	57.68'	N65°08'52"W
L15	39.12'	S87°41'37"E
L16	23.18'	N11°07'13"E
L17	50.47'	S75°02'08"W
L18	48.24'	N62°41'40"W
L19	79.57'	S34°22'06"E
L20	290.19'	N00°00'16"E
L21	31.76'	N18°41'14"W

CURVE TABLE						
CURVE	LENGTH	RADIUS	TANGENT	CHORD	BEARING	DELTA
C1	133.88'	180.00'	70.21'	130.82'	N22°58'48"W	42°37'00"
C2	53.44'	180.00'	26.92'	53.25'	N52°47'49"W	17°00'42"
C3	92.15'	180.00'	47.11'	91.14'	N75°58'00"W	29°19'52"
C4	121.14'	200.00'	62.49'	119.29'	S06°57'17"W	34°42'10"
C5	70.49'	200.00'	35.61'	70.12'	N00°18'00"W	20°11'36"
C6	72.40'	250.00'	36.48'	72.20'	N01°29'38"E	16°36'19"
C7	252.29'	50.00'	15.60'	58.00'	N83°11'28"E	289°05'56"
C8	48.33'	150.00'	24.69'	48.72'	N09°20'29"W	18°41'30"
C9	81.24'	200.00'	41.19'	80.69'	N56°01'32"W	23°16'28"
C10	105.81'	520.00'	53.09'	105.63'	S31°05'01"W	11°39'31"
C11	273.11'	520.00'	139.78'	269.98'	S10°12'29"W	30°05'33"
C12	252.23'	50.00'	35.64'	58.04'	N87°24'26"E	289°02'13"
C13	178.07'	160.00'	99.53'	169.02'	N35°46'44"W	63°46'05"
C14	174.61'	170.00'	95.88'	167.03'	N33°16'13"W	58°50'54"
C15	112.85'	180.00'	58.40'	111.11'	S45°16'56"W	35°57'13"
C16	113.86'	170.00'	59.16'	111.74'	N44°04'20"E	39°22'25"
C17	66.99'	170.00'	33.94'	66.56'	N76°24'14"W	22°34'44"
C18	252.28'	50.00'	35.60'	58.00'	S02°13'03"W	289°05'43"
C19	40.84'	170.00'	20.52'	40.74'	N18°00'10"E	13°45'54"
C20	145.02'	130.00'	81.10'	137.62'	S43°04'41"W	63°54'54"
C21	252.29'	50.00'	35.60'	58.00'	S14°57'52"E	289°05'56"
C22	108.76'	220.00'	55.52'	107.66'	S48°31'53"E	28°19'34"
C23	174.96'	157.80'	97.70'	166.14'	N02°36'17"W	63°31'38"
C24	413.85'	513.00'	218.93'	402.72'	S06°02'52"W	46°13'21"
C25	204.65'	687.00'	103.09'	203.90'	S05°31'46"E	17°04'04"

This plat of ABERDEEN 3RD ADDITION to Wichita, Kansas has been submitted to and approved by this WICHITA-SEDGWICK COUNTY METROPOLITAN AREA PLANNING COMMISSION, Wichita, Kansas.

Dated this ____ , day of _____ , 1999.

WICHITA SEDGWICK COUNTY METROPOLITAN AREA PLANNING COMMISSION

_____
William M. Johnson, Chairman

_____
Marvin S. Krout, Secretary

This plat approved and all dedications shown hereon accepted by the City Council of the City of Wichita, Kansas, this _____ _____ , day of _____ , 1999.

_____
Bob Knight, Mayor

_____
Pat Burnett, City Clerk

Entered on transfer record this _____ , day of _____ , 1999.

_____
James Alford, County Clerk

This is to certify that this instrument was filed for record in the Register of Deeds Office at _____ , A.M.-P.M. on the _____ , day of _____ , 1999.

_____
Bill Meek, Register of Deeds

_____
Linda Kizzire, Deputy

Benchmarks

(City of Wichita Datum)

1. City of Wichita Benchmark disc, 67' south of centerline 21st St. & 79' south of section line, and 46' east of centerline 119th St. Elev. 172.08
2. 80d nail in power pole, 30' east and 50' south of Northwest Corner of Government Lot 6 in SW Quarter of Section 6, T27S, R1W. Elev. 172.08
3. 80d nail in power pole 50' south of NE corner of Government Lot 3 in NW Quarter of Section 6, T27S, R1W. Elev. 179.98
4. 80d nail in power pole 40' west and 40' north of the NW Corner of the NW Corner of Sec. 6, T27S, R1W. Elev. 175.05

MINIMUM LOW OPENING ELEVATION			
Lot No.	Block No.	Elevation	MSL Elevation
1 – 20	3	168.8	1356.00
21 – 34	3	165.6	1352.00
5 – 7	2	165.7	1353.00
8 – 23	2	165.4	1352.30
35 – 51	3	165.4	1352.80

Datum is City of Wichita or Mean Sea Level

ABERDEEN 3RD ADDITION

TO WICHITA, SEDGWICK COUNTY, KANSAS

POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
9946 E. Central, Suite 200 ■ Wichita, KS 67206 ■ 316/685-4114 ■ Fax 316/685-4444

S:\APPS\DCA\P\656\Final.dwg Mon Mar 27 20:39:23 2000 Jim Ubert - Poe & Associates of Kansas, Inc.

Benchmarks

(City of Wichita Datum)

1. City of Wichita Benchmark disc, 67' south of centerline 21st St. & 72' south of section line, and 45' east of centerline 119th St. Elev. 1172.08

2. 80d nail in power pole, 30' east and 50' south of Northwest Corner of Government Lot 6 in SW Quarter of Section 6, T27S, R1W. Elev. 1172.08

3. 80d nail in power pole 50' south of NE corner of Government Lot 3 in NW Quarter of Section 6, T27S, R1W. Elev. 1179.91

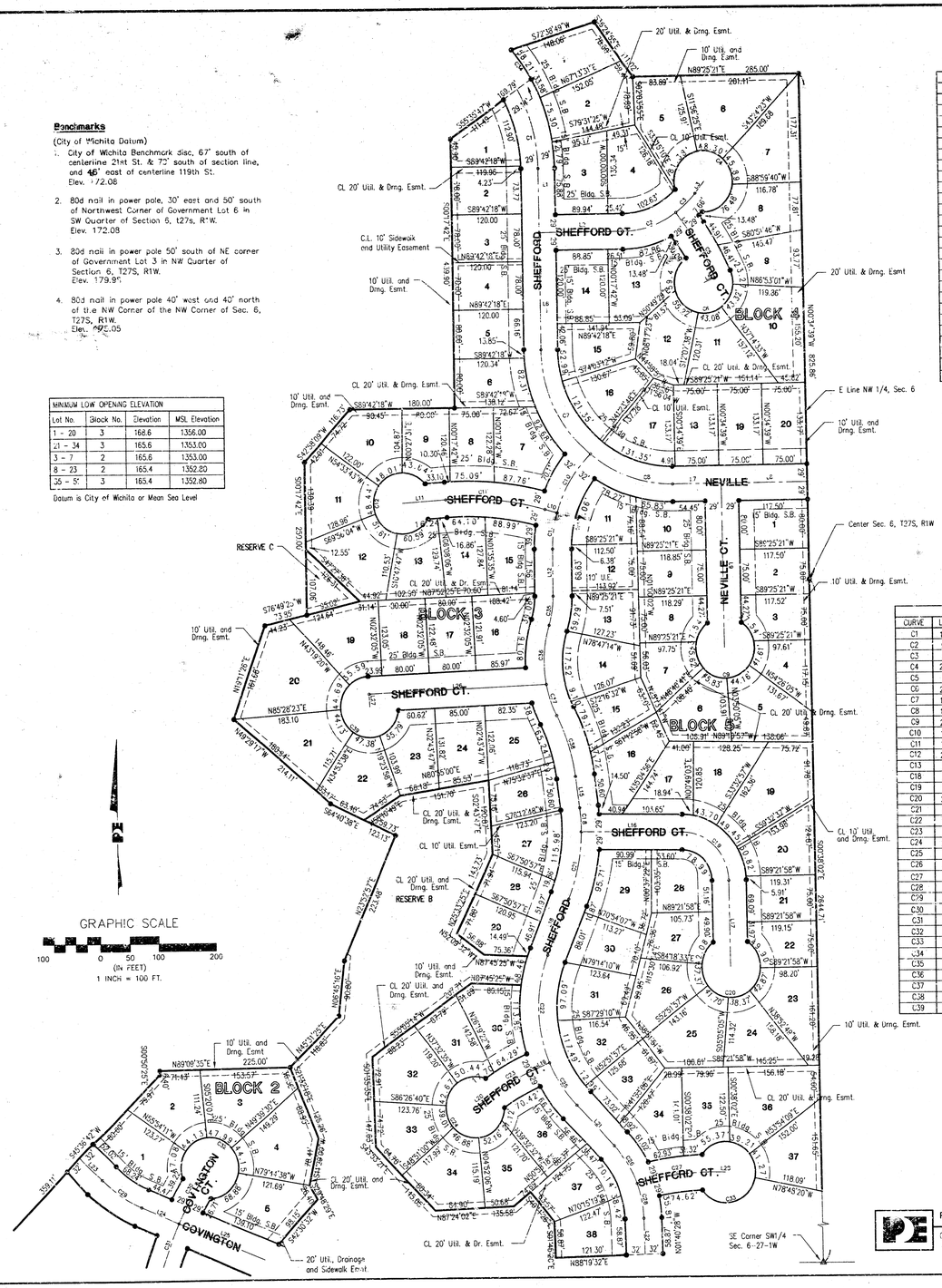
4. 80d nail in power pole 40' west and 40' north of the NW Corner of the NW Corner of Sec. 6, T27S, R1W. Elev. 1172.05

MINIMUM LOW OPENING ELEVATION			
Lot No.	Block No.	Elevation	MSL Elevation
1 - 20	3	168.6	1356.00
21 - 34	3	165.6	1353.00
3 - 7	2	165.6	1353.00
8 - 23	2	165.4	1352.80
35 - 51	3	165.4	1352.80

Datum is City of Wichita or Mean Sea Level

LINE TABLE		
LINE	LENGTH	BEARING
L1	104.88'	N00°17'42"W
L2	144.36'	N89°42'18"E
L3	24.67'	S38°04'04"W
L4	40.24'	S35°40'28"E
L5	21.00'	S66°27'2"
L6	191.06'	N00°17'42"W
L7	82.42'	S89°25'21"W
L8	146.50'	S89°25'21"W
L9	269.00'	N00°34'39"W
L10	21.74'	S74°24'39"E
L11	73.83'	S85°54'55"W
L12	76.15'	S00°00'00"W
L13	50.60'	S06°53'24"E
L14	175.32'	S89°22'38"E
L15	141.79'	N00°38'02"W
L16	98.88'	S22°09'03"W
L17	26.05'	S67°08'14"W
L18	41.44'	N55°42'05"E
L19	91.96'	S43°42'10"E
L20	58.87'	S01°40'28"E
L21	52.02'	S44°23'18"E
L22	71.03'	S67°39'46"E
L23	176.02'	S67°39'46"E
L24	304.02'	S87°27'55"W
L25	21.09'	S02°32'05"E
L26	8.69'	S88°30'52"E

CURVE TABLE						
CURVE	LENGTH	RADIUS	TANGENT	CHORD	BEARING	DELTA
C1	134.41'	272.00'	68.61'	133.04'	N14°27'04"W	28°18'45"
C2	99.02'	160.00'	51.16'	97.45'	N71°58'29"E	35°27'38"
C3	45.17'	160.00'	22.74'	45.02'	N48°09'22"E	16°10'35"
C4	252.05'	50.00'	35.70'	58.19'	N50°46'47"W	288°49'42"
C5	85.14'	398.43'	42.73'	84.97'	N29°38'59"W	12°12'44"
C6	224.30'	50.00'	62.82'	78.24'	S75°01'36"E	257°02'03"
C7	196.64'	223.00'	105.23'	190.33'	N25°33'24"W	50°31'23"
C8	154.75'	223.00'	80.64'	151.66'	S70°41'52"E	39°45'34"
C9	252.29'	50.00'	35.60'	58.00'	N89°25'21"E	289°05'56"
C10	112.77'	217.00'	57.69'	111.49'	S30°39'20"W	29°46'31"
C11	171.69'	500.00'	86.70'	170.84'	N84°14'52"W	19°40'26"
C12	252.29'	50.00'	35.60'	58.00'	N04°05'05"W	289°05'56"
C13	59.72'	217.00'	30.05'	59.54'	S07°53'05"W	15°46'10"
C18	39.34'	300.00'	19.70'	39.31'	N03°08'01"W	07°30'46"
C19	123.91'	80.00'	78.76'	111.89'	N45°00'20"W	88°44'36"
C20	252.29'	50.00'	35.60'	58.00'	N89°21'58"E	289°05'56"
C21	112.72'	300.00'	57.03'	112.06'	N11°23'13"E	21°31'41"
C22	180.70'	230.00'	95.30'	176.08'	S00°21'21"E	45°00'49"
C23	79.84'	400.00'	40.05'	79.70'	S61°25'10"W	11°26'09"
C24	252.29'	50.00'	35.60'	58.00'	S34°17'52"E	289°05'56"
C25	83.66'	230.00'	42.30'	53.20'	S33°16'58"E	20°50'74"
C26	73.71'	160.00'	37.38'	73.30'	N31°58'17"W	23°27'46"
C27	146.51'	500.00'	73.84'	146.09'	N83°05'07"E	16°48'03"
C28	58.33'	180.00'	29.42'	58.07'	N10°57'26"W	18°33'56"
C29	81.24'	200.00'	41.19'	80.69'	S56°01'32"E	23°16'28"
C30	105.81'	520.00'	53.09'	105.63'	S31°45'01"W	11°39'31"
C31	273.11'	520.00'	139.78'	269.98'	S10°12'29"W	30°05'33"
C32	252.23'	50.00'	35.64'	58.04'	N55°19'57"W	289°02'10"
C33	252.23'	50.00'	35.64'	58.04'	N00°02'24"E	289°02'14"
C34	58.21'	301.00'	29.20'	58.12'	S34°42'27"E	11°04'48"
C35	49.18'	155.76'	24.80'	48.98'	N09°02'46"E	18°05'32"
C36	97.74'	193.14'	49.94'	96.70'	S03°35'39"W	28°59'45"
C37	54.02'	193.14'	27.19'	53.84'	S18°54'58"E	16°01'29"
C38	105.70'	302.23'	53.40'	105.16'	N16°54'33"W	20°02'18"
C39	227.58'	50.00'	58.76'	76.16'	S42°35'52"E	260°47'35"



STATE OF KANSAS, COUNTY OF SEDGWICK: ss.

I, Kenny E. Hill, being a duly licensed Land Surveyor in said County and State, do hereby certify that I have been in responsible charge of surveying and platting "ABERDEEN 3RD ADDITION" to Wichita, Kansas, located in the West Half of Section 6, Township 27 South, Range 1 West of the 6th P.M. Sedgwick County, Kansas being described as follows:

Beginning at the Southeast Corner of the Southwest Quarter of Section 6, Township 27 South, Range 1 West of the 6th P.M. Sedgwick County, Kansas, thence North along the East line of the Southwest Quarter of said Section 6 on an assumed bearing of N00°38'02"W for a distance of 2644.71 feet to the Center of said Section 6; thence N00°34'39"W on the West line of the Northwest Quarter of said Section 6 for a distance of 825.66 feet to the Southeast corner of Lot 43, Block 1, Aberdeen Second Addition; thence S89°25'21"W for a distance of 285.00 feet along the southerly line of Aberdeen Second Addition; thence N36°24'55"W for a distance of 111.02 feet; thence S72°38'49"W for a distance of 148.06 feet; thence southeasterly on a circular curve having, a radius of 301.00 feet and a central angle of 11°04'48", being north of a 58.12 foot chord bearing S34°42'27"E for an arc distance of 58.21 feet; thence S55°35'47"W for a distance of 169.79 feet; thence S00°17'42"E for a distance of 439.90 feet; thence S89°42'18"W for a distance of 180.00 feet; thence S42°58'09"W for a distance of 116.73 feet; thence S00°17'42"E for a distance of 250.00 feet; thence S76°49'25"W for a distance of 73.85 feet; thence S19°11'26"W for a distance of 161.68 feet; thence S49°29'17"E for a distance of 214.11 feet; thence S64°40'38"E for a distance of 123.13 feet; thence S23°52'57"W for a distance of 223.48 feet; thence S06°45'16"W for a distance of 90.80 feet; thence S45°31'25"W for a distance of 118.83 feet; thence S89°09'35"W for a distance of 225.00 feet; thence S00°50'25"E for a distance of 6.40 feet; thence S45°36'42"W for a distance of 359.11 feet; thence S40°46'36"E for a distance of 114.42 feet; thence S04°05'41"E for a distance of 383.78 feet; thence S56°22'55"W for a distance of 110.20 feet; thence S06°41'07"E for a distance of 439.42 feet; thence N88°30'09"E for a distance of 82.54 feet; to the Northwest corner of Evangel Assembly of God Addition; thence N88°30'08"E for a distance of 93.65 feet to a point of curve; thence on a circular curve to the left having a radius of 264.00 feet and a central angle of 88°00'22" for an arc distance of 405.50 feet; thence S89°59'44"E for a distance of 298.29 feet; thence southerly on a circular curve having, a radius of 545.00 feet and a central angle of 46°13'20", being West of a 427.84 foot chord bearing S06°02'52"W for an arc distance of 439.67 feet to a point of curve; thence on a reverse circular curve having a radius of 655.00 feet and a central angle of 17°04'04" for an arc distance of 195.12 feet; thence S00°00'16"W for a distance of 291.03 feet to a point on the South line of the Southwest Quarter of said Section 6; thence N88°30'08"E for a distance of 634.22 feet to the point of beginning, subject to road right-of-way. Previously dedicated easmants or street right-of-way are hereby vacated by virtue of K.S.A. 12-512(b).

The accompanying plat is a true and correct exhibit of property surveyed.

Dated this ____ day of _____ , 1999.

Poe And Associates of Kansas, Inc.

Kenny E. Hill, L.S. 984
Vice President

KNOW ALL MEN BY THESE PRESENTS:

That we, the undersigned, have caused the land described in the Surveyor's Certificate to be platted into lots, blocks, streets and reserves. The streets are hereby dedicated to and for the use of the public. Easements are hereby granted as indicated for the construction and maintenance of drainage, a wall and utilities. Utilities may cross the wall easement. Reserve A shall permit entry monuments, lighting, landscaping, fences, walls, irrigation systems and utilities confined to easements. Reserve B and C shall permit ponds, drainage, irrigation systems, walks, recreation facilities, and utilities confined to easements. The reserves are to be owned and maintained by a property owners association its successors and assigns. All abuters' rights of access to or from 21st Street North over and across the South line of Lot 51, Block 3 and Reserve B, except for one opening to Lot 51 are hereby granted to the City of Wichita. The minimum low opening elevation, for homes built on Lots 1 through 20, Block 3 shall be 168.6 City Datum (1356.00 MSL Datum), for homes built on Lots 21 through 34, Block 3 and Lots 3 through 7, Block 2 shall be 165.6 City Datum (1353.00 MSL Datum) and for homes built on Lots 8 through 23, Block 2 and Lots 35 through 51, Block 3 shall be 165.4 City Datum (1352.8 MSL Datum).

The Neville Family Trust III.

_____
Gregory Alan Neville, Trustee

_____
Alvin Leon Neville, Trustee

_____
Edward T. Neville, Trustee

_____
Rita A. Neville, Trustee

3AH—Inc.

_____
Mathias Eck, President

STATE OF KANSAS, COUNTY OF SEDGWICK: ss.

This instrument was acknowledged before me on this ____ , day of _____ , 1999, by Mathias Eck President of 3AH—inc.

_____
Notary Public

My Appointment Expires: _____

STATE OF KANSAS, COUNTY OF SEDGWICK: ss.

This instrument was acknowledged before me on this ____ , day of _____ , 1999, by Gregory Alan Neville, Alvin Leon Neville, Edward T. Neville and Rita A Neville, Trustees of the Neville Family Trust III.

_____
Notary Public

My Appointment Expires: _____

ABERDEEN 3RD ADDITION

TO WICHITA, SEDGWICK COUNTY, KANSAS

POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
5040 E. Central, Suite 200 ■ Wichita KS 67208 ☎ 316/685-4114 ■ Fax 316/685-4444

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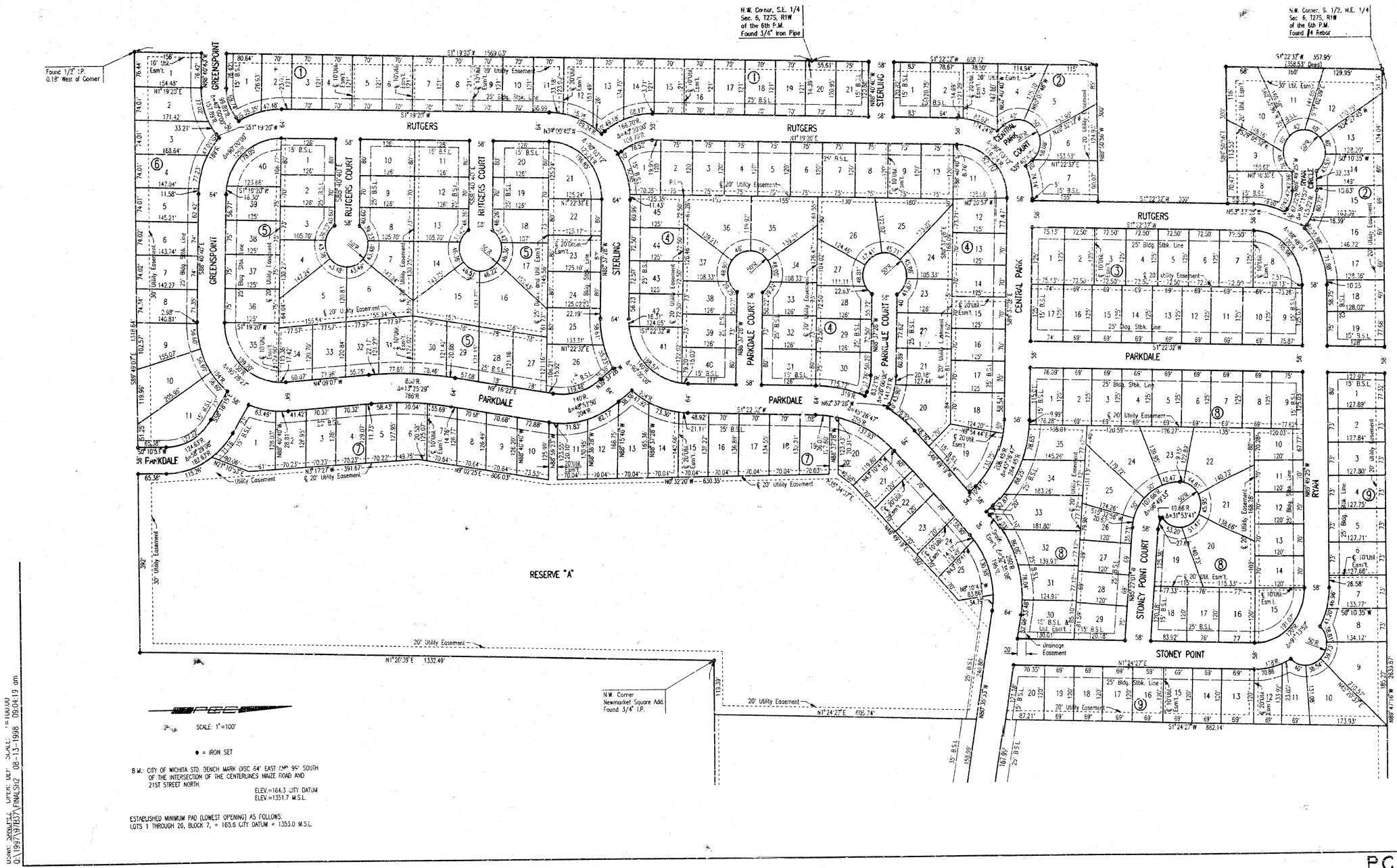
EVERGREEN

AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS



DRAWN: JRS/MJF/KJ LAYER: DEF SCALE: 1"=100.00'
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G:\APPS\DCA\P\666\EVERGREEN.dwg Mon Mar 27 20:32:02 2000 Jim Obert - Pre 6 Associates of Kansas, Inc.

SHEET 25 OF 26

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