

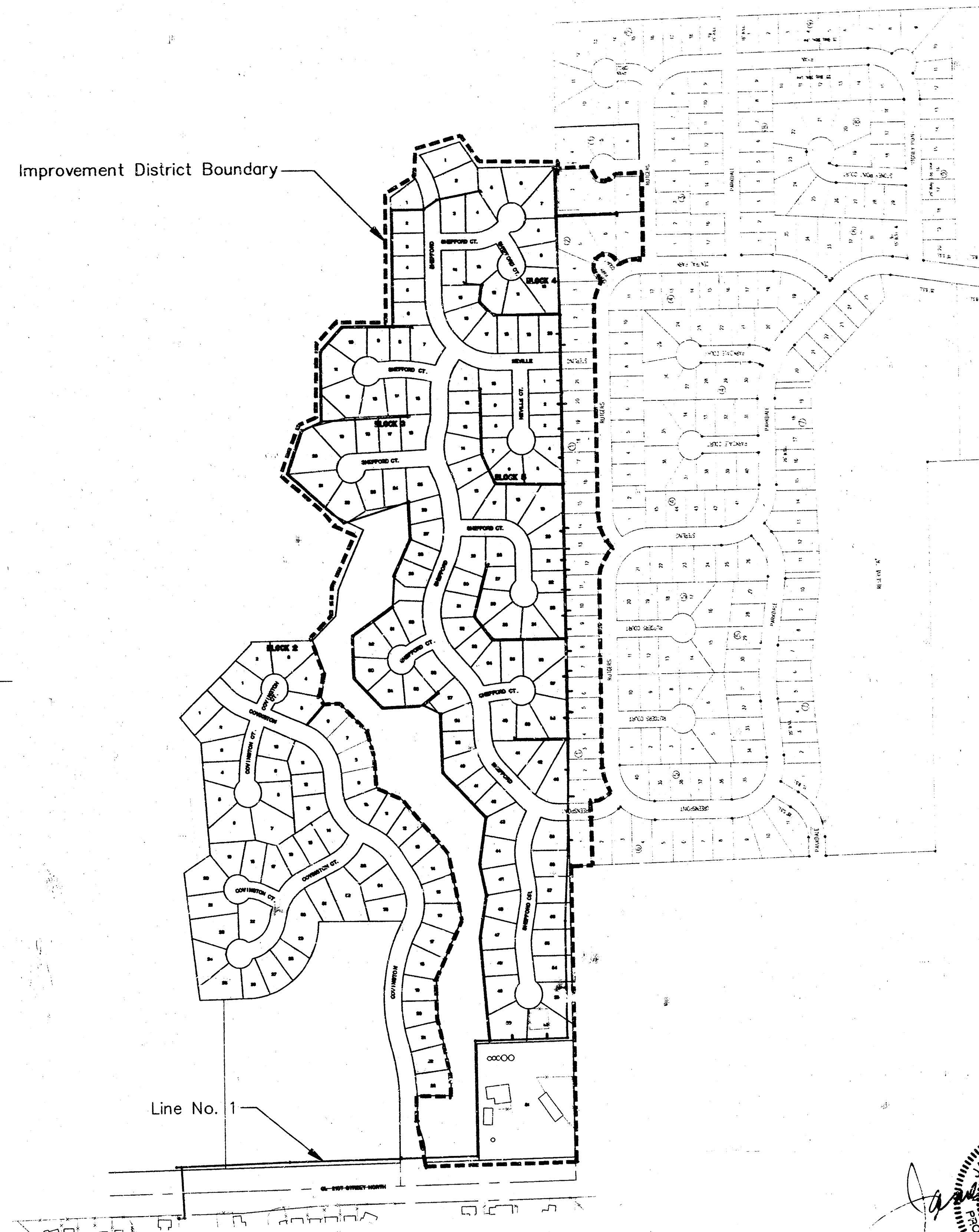
GENERAL NOTES:

- 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.
- Rubble from the removal of miscellaneous structures and excess excavation which is to be wasted shall be 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.
- 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.
- 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.
- 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.
- Contractor shall vacuum test all manholes according to the City of Wichita standard specifications.
- The tops of all Manholes to be set 0.4 feet above existing ground unless otherwise noted.
- 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.
- 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.

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

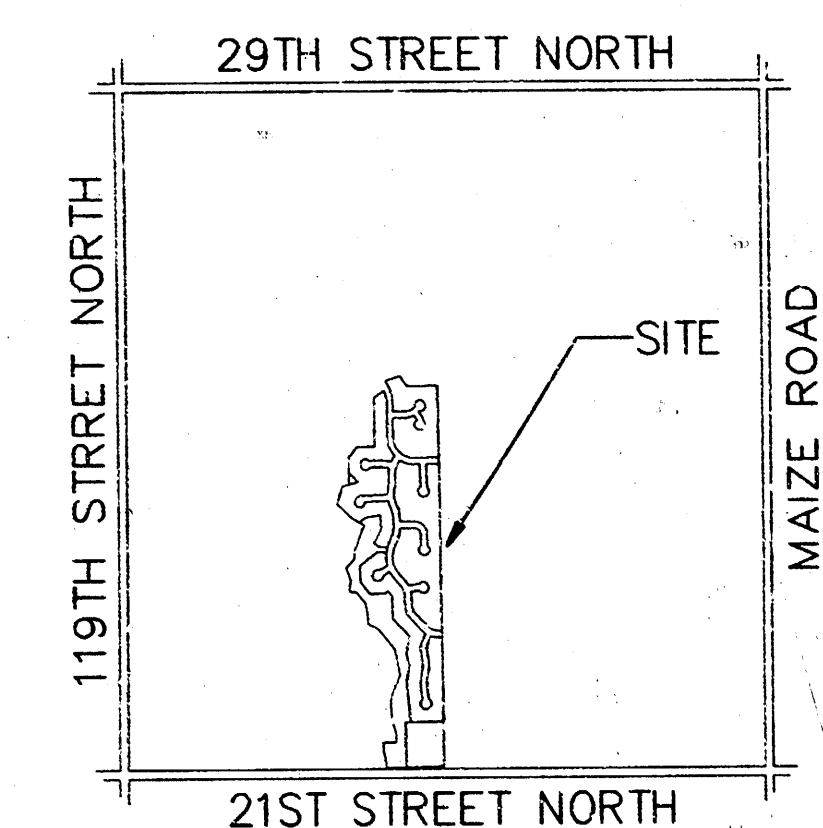


Scale 1" = 300'

INDEX

TITLE SHEET
SANITARY SEWER KEYMAP
LINE NO. 1
TYPE "P" MANHOLE
COORDINATE POINTS LIST
ABERDEEN PHASE 3 ADDITION PLAT

SHEET 1
SHEET 2
SHEET 3-4
SHEET 5
SHEET 6-7
SHEET 8-9



LOCATION MAP
No Scale

BENCH MARKS

(City of Wichita Datum)

- 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
- 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
- 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
- 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

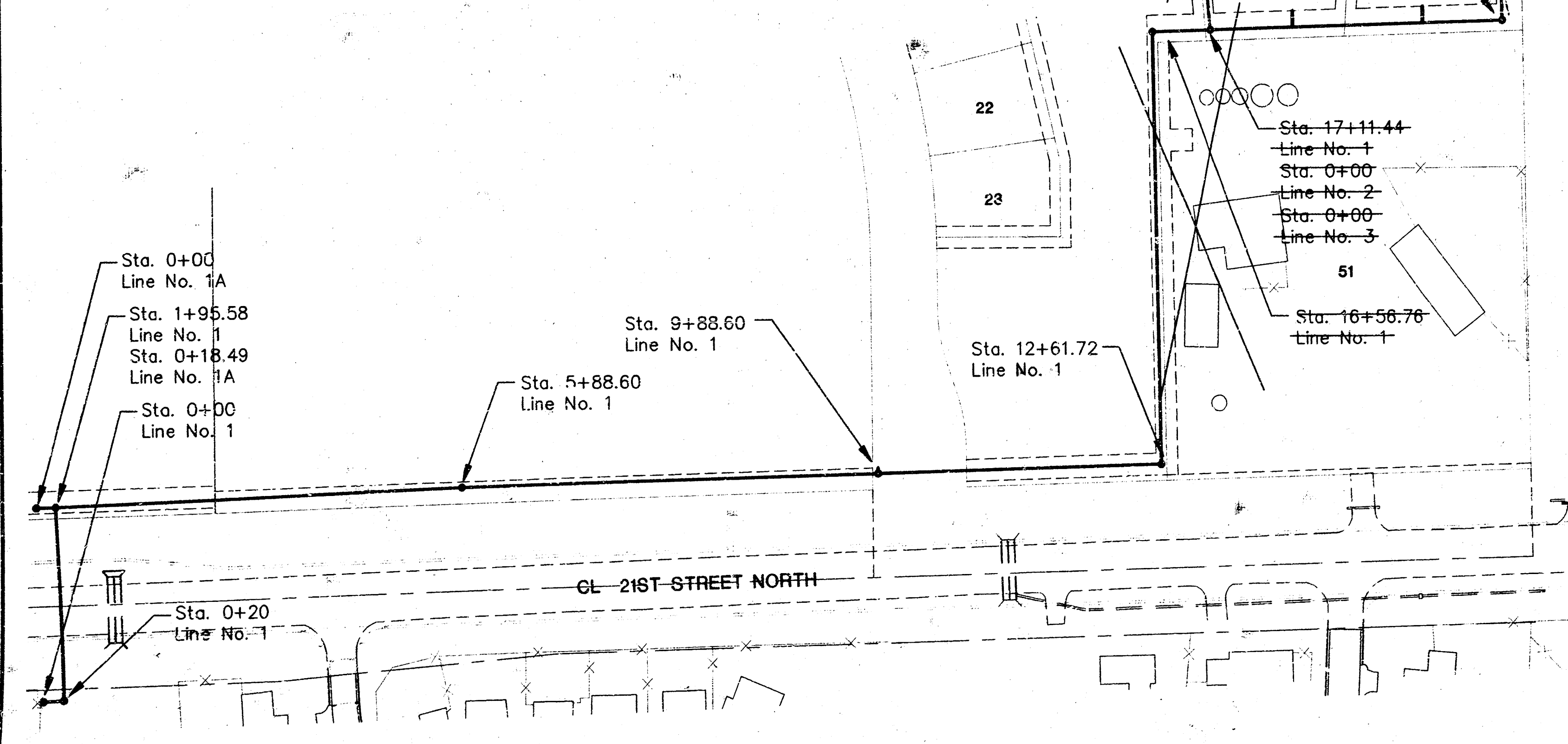
FEBRUARY 2000

PLANS PREPARED
BY

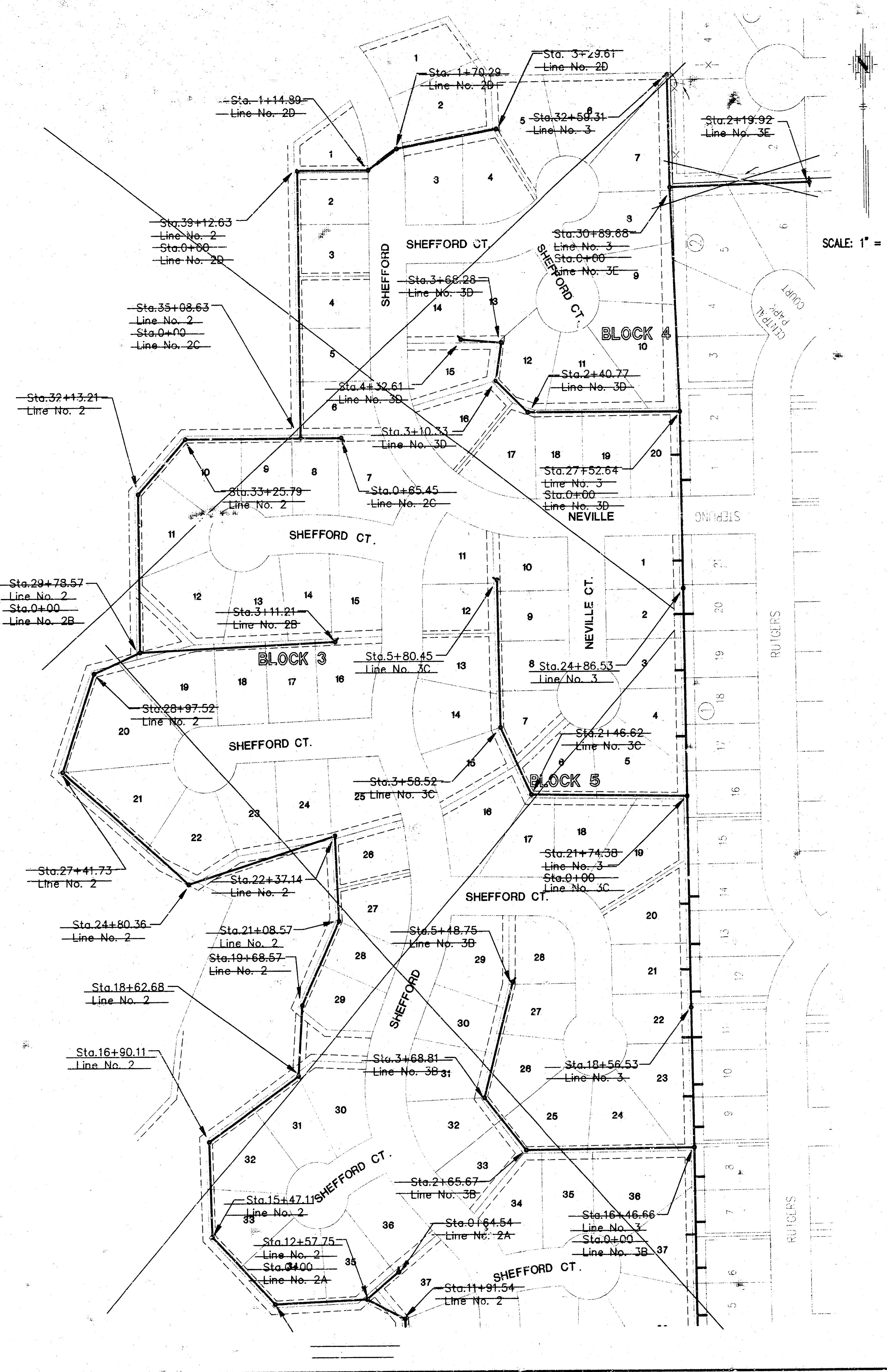
PE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
1545 E. Central, Suite 200 • Wichita, KS 67208 • 316/262-1111 • Fax: 316/262-1444

SCALE: 1" = 100'

RISER SUMMARY														Record Information			
No.	Line	Sta./Dir.	Lot No.	Block No.	Aber. Add.	Ever. Add.	Saddle Size	10" Main FL	8" Main FL	Information Only		Proposed/Actual	Top Riser Elev.	(To Be Completed By Inspector)			
										Approx. Length	4" Pipe			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	9		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" 4"	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+34.06/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	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	5		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.	5	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/					



SCALE: 1" = 100'



ABERDEEN 3RD ADDITION PHASE 2
SANITARY SEWER KEY MAP
CITY OF WICHITA, KANSAS
MICHAEL E. UNDERKAY, P.E. - CITY ENGINEER
C.O.W. Proj. No. 448-89402 COW 134559

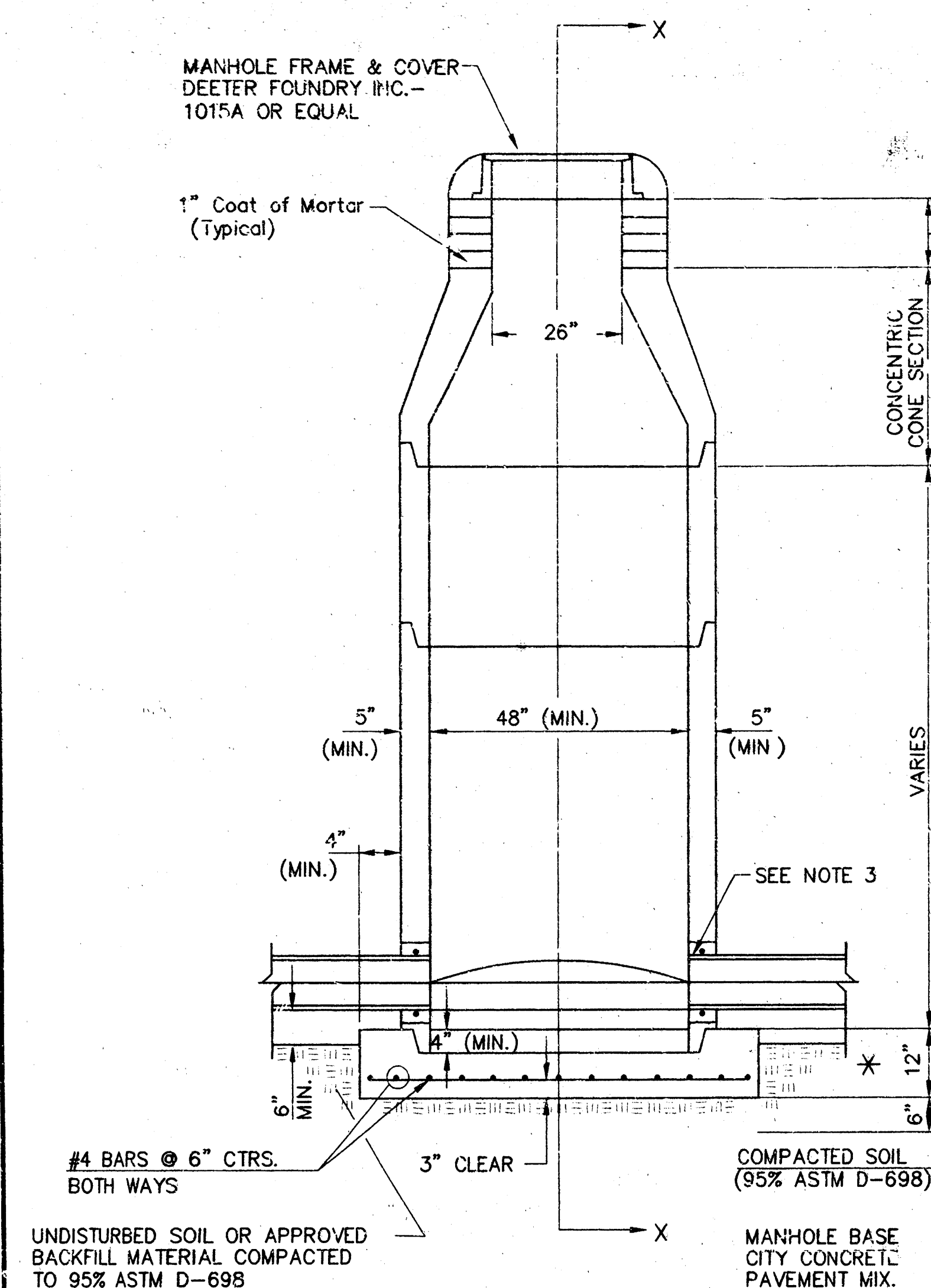
POE & ASSOCIATES OF KANSAS, INC.
ENGINEERING & ARCHITECTURE
3400 E. CENTRAL, SUITE 200 • WICHITA, KS 67208 • (316) 261-1111 • FAX (316) 261-4444

FINAL

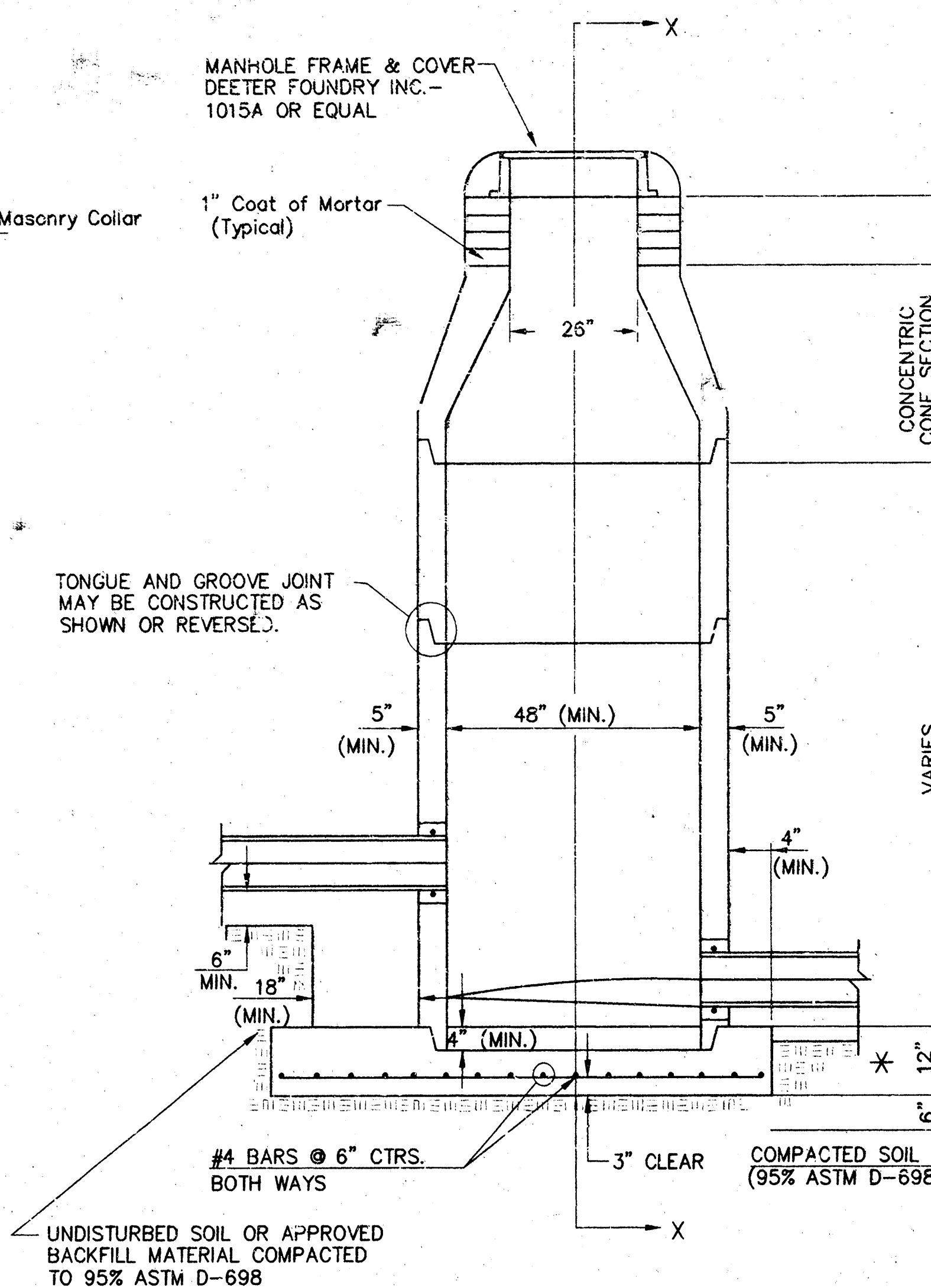
Engineer: J. Ubert
Drawn By: M. Perez
Pos Job No.: 16564
Date: February 2000

Sheet
2 of 9

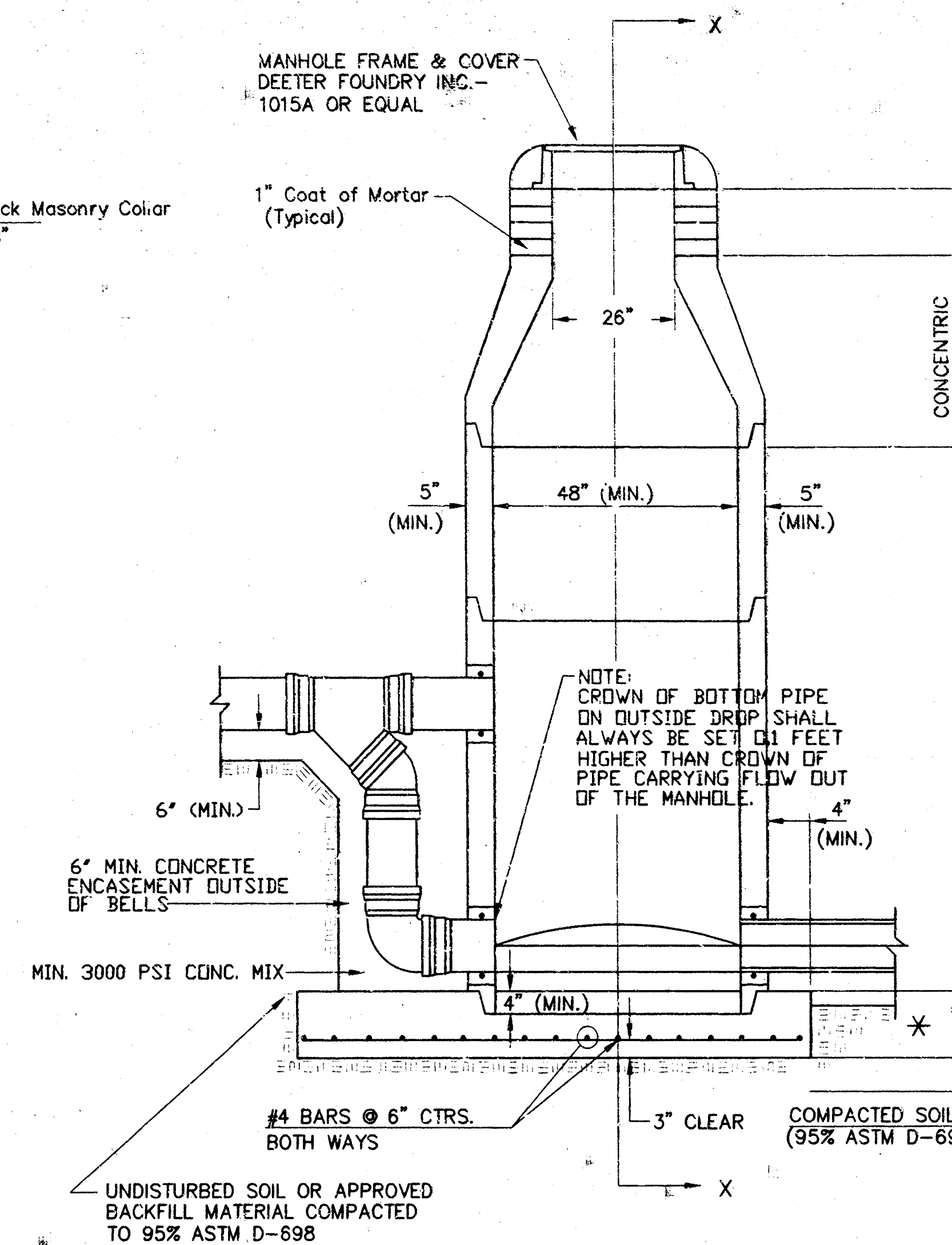
SEWER APPURTENANCES DETAILS



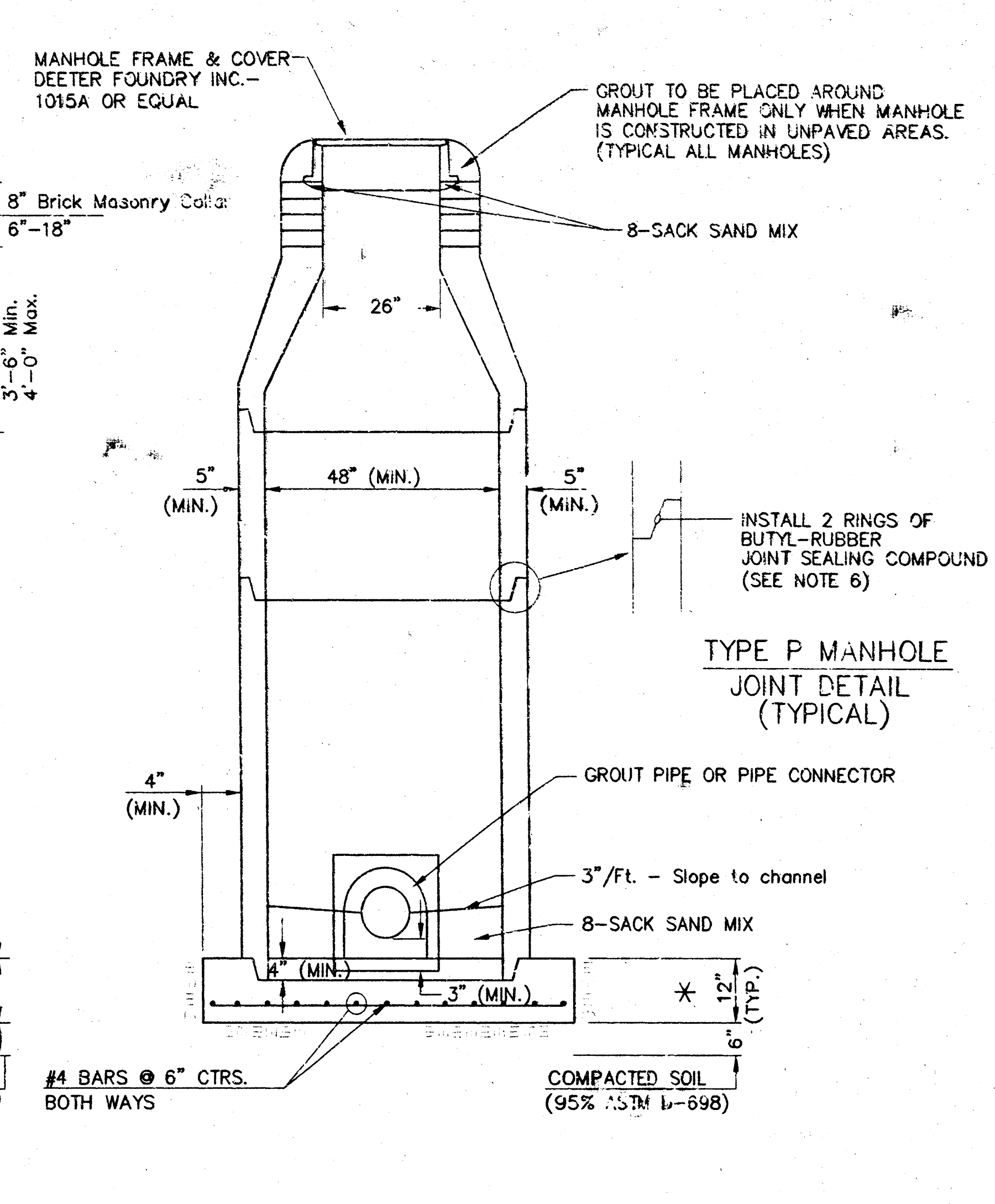
TYPE P
STANDARD MANHOLE



TYPE P
INSIDE DROP MANHOLE



TYPE P
OUTSIDE DROP MANHOLE



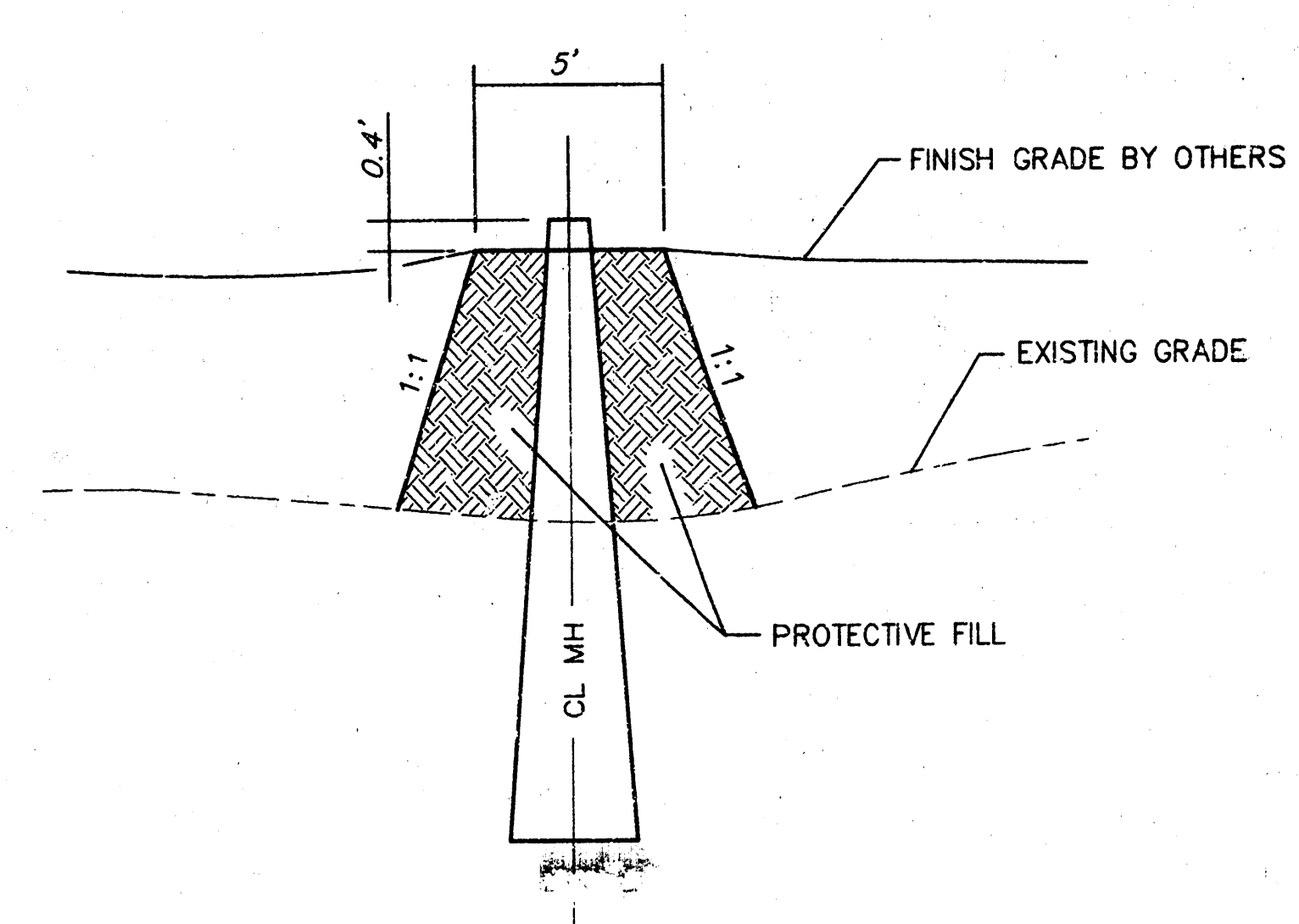
SECTION X
(TYPICAL)

GENERAL 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 TNEC SERIES 66 HI-BUILD EPOXYLINE, 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 RINGS 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. 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 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. LINDERMAN, P.E.
POL. NO. 48-88402 OCT 17 2000

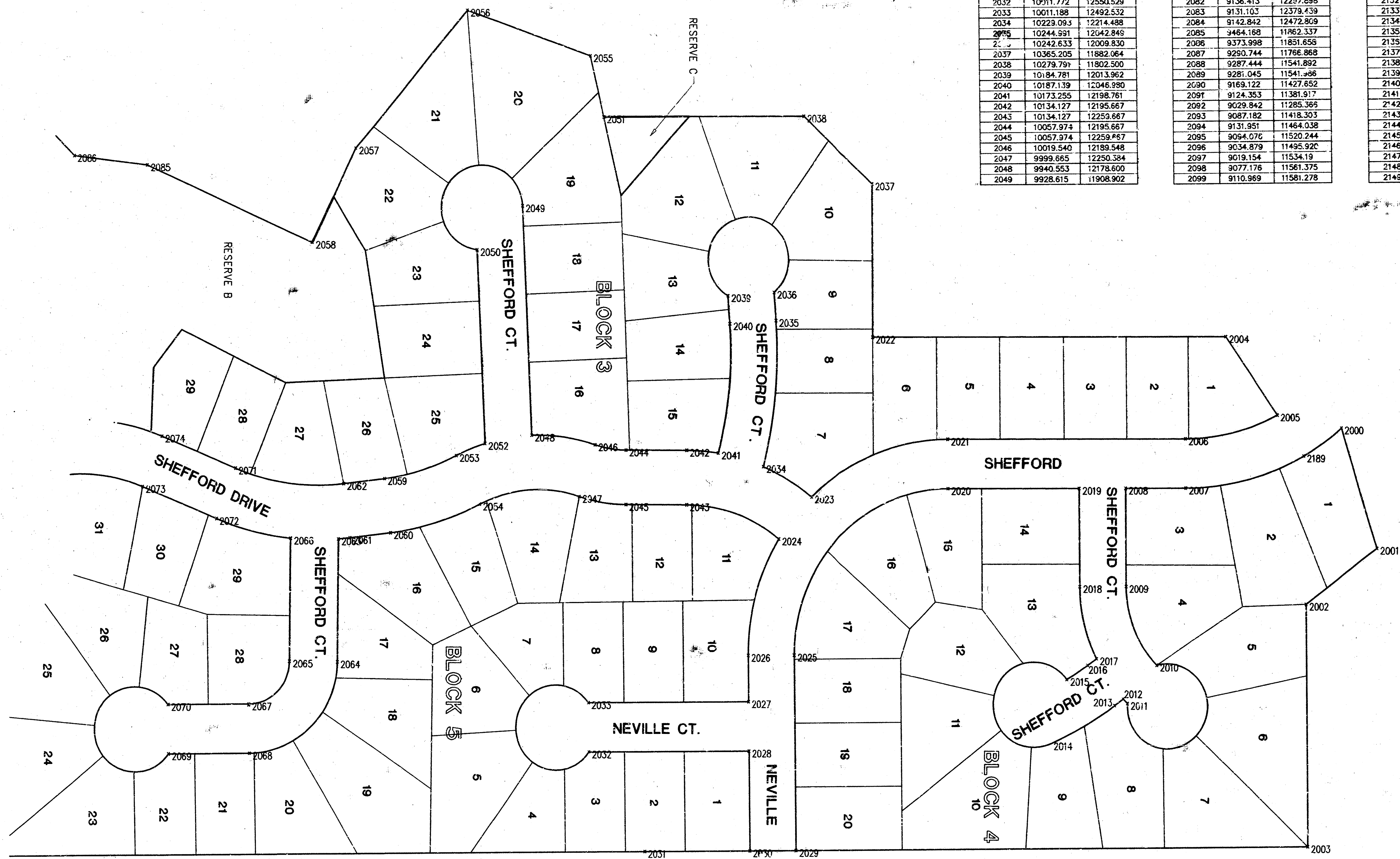
POE & ASSOCIATES OF KANSAS, INC.
1000 S. WILSON ST. SUITE 200
WICHITA, KANSAS 67202-1111
TEL: 316-266-4444
FAX: 316-266-4444

FINAL
Engineer: J. Ubert / J. Dickman
Drawn By: M. Perez
Poe Job No.: 036A
Date: February 2000
Sheet
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POINT	NORTHING	EASTING
2150	8439.002	12558.412
2151	8444.535	12501.364
2152	8378.711	12558.432
2153	8368.180	12561.678
2154	8298.704	12486.160
2155	8288.835	12593.334
2156	8218.155	12484.055
2157	8225.031	12541.850
2158	8170.102	12504.178
2159	8113.226	12458.563
2160	8071.259	12496.787
2161	8499.432	12286.176
2162	8521.373	12290.912
2163	8558.331	12290.740
2164	8407.628	12134.737
2165	8461.525	12270.828
2166	8329.217	12078.847
2167	8288.034	12134.737
2168	8327.240	11780.527
2169	7903.754	12333.772
2170	7922.534	12394.954
2171	7811.505	12386.452
2172	7711.500	12126.805
2173	7685.519	12126.601
2174	7617.447	12134.509
2175	7587.363	12134.509
2176	7539.294	12152.597
2177	7502.858	12152.589
2178	7505.505	12062.589
2179	8333.280	11660.978
2180	8363.446	11608.538
2181	8323.511	11660.978
2182	8304.697	11604.067
2183	8202.602	11547.044
2184	8206.569	11546.021
2185	8204.055	11536.613
2186	8268.068	11521.636
2187	8061.000	11547.313
2188	8067.607	11523.467
2189	10901.960	12199.886

[illegible]



POINT	NORTHING	EASTING
2000	10949.739	12166.794
2001	10949.899	12296.115
2002	10949.558	12374.020
2003	10907.430	12638.005
2004	10806.028	12059.796
2005	10869.719	12151.783
2006	10756.515	12180.050
2007	10756.815	12238.049
2008	10680.941	12238.440
2009	10681.535	12353.800
2010	10720.197	12446.050
2011	10683.402	12491.133
2012	10677.918	12485.79
2013	10666.961	12493.965
2014	10587.771	12530.724
2015	10607.987	1246.88
2016	10633.090	12446.598
2017	10644.027	12438.722
2018	10623.536	12354.099
2019	10622.942	12233.738
2020	10460.886	12239.573
2021	13440.586	12181.574
2022	10366.132	12062.061
2023	10280.306	12249.937
2024	10243.608	12299.343
2025	10267.895	12435.526
2026	10209.889	12436.110
2027	10210.447	12490.523
2028	10211.031	12548.52
2029	10270.213	12665.428
2030	10212.215	12666.013
2031	10081.612	12667.329
2032	10011.772	12550.529
2033	10011.189	12492.532
2034	10223.093	12214.488
2035	10244.991	12042.849
2036	10242.633	12009.830
2037	10365.205	11882.064
2038	10279.791	11802.500
2039	10184.781	12013.962
2040	10187.139	12046.990
2041	10123.255	12198.761
2042	10134.127	12195.667
2043	10134.127	12252.667
2044	10057.974	12195.667
2045	10057.974	12259.457
2046	10019.540	12189.548
2047	9999.665	12250.384
2048	9940.553	12178.600
2049	9928.615	11908.902

POINT	NORTHING	EASTING
2050	9872.854	11960.774
2051	13029.754	11803.787
2052	10823.306	12188.520
2053	9847.680	12202.828
2054	9876.644	12259.589
2055	10073.960	11731.980
2056	9860.268	11678.735
2057	9721.178	11841.517
2058	9668.513	11952.816
2059	9757.697	12231.777
2060	9785.375	12293.715
2061	9715.139	12299.785
2062	9707.461	12238.247
2063	9700.713	12301.210
2064	9699.142	12445.787
2065	9641.145	12445.157
2066	9642.717	12300.579
2067	9590.712	12485.599
2068	959.354	12533.566
2069	9490.299	12554.714
2070	9499.657	12496.717
2071	9514.262	12218.403
2072	9550.131	12277.680
2073	9458.553	12240.399
2074	9482.684	12181.123
2075	9398.431	12172.591
2076	9269.846	12100.637
2077	9221.931	12133.523
2078	9255.986	12145.132
2079	9220.878	12234.177
2080	9247.097	12280.645
2081	9180.632	12344.166
2082	9136.413	12237.898
2083	9131.103	12379.439
2084	9142.842	12472.809
2085	9464.169	11862.337
2086	9373.998	11851.658
2087	9250.744	11766.868
2088	9287.444	11541.892
2089	9281.045	11541.986
2090	9169.122	11427.652
2091	9124.353	11381.617
2092	9029.842	11285.366
2093	9087.182	11418.303
2094	9131.561	11464.038
2095	9064.076	11520.244
2096	9034.879	11495.920
2097	9019.154	11534.919
2098	9077.176	11561.375
2099	9110.989	11581.278

POINT	NORTHING	EASTING
2100	9077.952	11629.018
2101	8954.992	11615.366
2102	8997.110	11581.841
2103	9000.189	11748.743
2104	8940.991	11724.420
2105	8835.617	11687.328
2106	8831.290	11803.477
2107	8778.185	11807.228
2108	8780.519	11871.081
2109	8671.195	11945.457
2110	8625.427	11891.29
2111	8943.193	11360.097
2112	8811.157	11446.091
2113	8813.753	11551.076
2114	8580.445	11307.945
2115	8644.998	11968.324
2116	3951.127	11958.975
2117	8596.364	11941.876
2118	8558.180	11824.212
2119	8506.383	11830.309
2120	8502.782	11714.261
2121	8450.985	11740.399
2122	8434.219	11637.410
2123	8451.390	11600.392
2124	8469.634	11529.777
2125	8411.679	115.331
2126	8398.776	11575.986
2127	8381.604	11613.003
2128	8064.799	1247.768
2129	9075.683	13388.755
2130	9040.352	12402.813
2131	9038.452	12336.841
2132	8981.306	12404.334
2133	8978.636	12340.561
2134	8968.890	12340.875
2135	8970.760	12404.848
2136	8971.736	12448.846
2137	8827.045	12401.034
2138	8776.924	12545.193
2139	8726.232	12499.382
2140	8702.849	12526.578
2141	8726.282	12652.770
2142	8726.609	12682.321
2143	8820.782	12580.441
2144	8668.285	12653.011
2145	8658.512	12682.963
2146	8654.594	12504.973
2147	8630.720	12557.632
2148	8519.009	12488.434
2149	8529.476	12545.482

POINT	NORTHING	EASTING
2150	8459.002	12558.412
2151	8448.535	12501.364
2152	8378.711	12558.832
2153	8388.530	12501.678
2154	8298.704	12346.180
2155	8288.835	12457.514
2156	8218.175	12484.059
2157	8225.031	12541.650
2158	8120.102	12554.178
2159	8113.226	12446.587
2160	7517.059	12695.703
2161	8499.432	11296.176
2162	8527.263	12027.912
2163	8563.332	12060.740
2164	8497.656	12125.656
2165	8461.527	12072.828
2166	8329.217	12078.847
2167	8298.034	12134.737
2168	8328.240	11780.557
2169	7303.754	12033.772
2170	7922.534	12049.954
2171	7711.505	12062.605
2172	7711.500	12126.605
2173	7665.519	12126.601
2174	7617.443	12174.509
2175	7567.363	12144.684
2176	7539.294	12152.592
2177	7502.858	12152.599
2178	7500.505	12062.599
2179	8312.260	11665.450
2180	8303.446	11608.539
2181	8329.511	11660.978
2182	8340.697	11604.067
2183	8252.602	11531.044
2184	8266.569	11546.021
2185	8204.055	11536.813
2186	8260.088	11521.636
2187	8063.000	11347.331
2188	8067.607	11523.467
2189	10201.960	12199.886

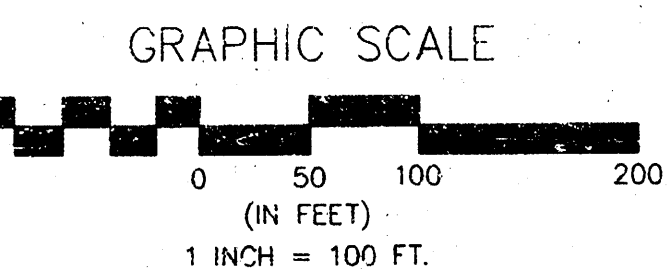
Benchmarks

(City of Wichita Datum)

- City of Wichita Benchmark disc, 6" south of centerline 21st St. & 79' south of section line, and 46' east of centerline 119th St. Elev. 172.03
- 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. 172.03
- 80d nail in power pole 50' south of NE corner of Government Lot 3 in NW Quarter of Section 6, T27S, R1W. Elev. 173.38
- 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

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	LENGTH	BEARING
L1	104.86	N00°17'42"W
L2	144.36	N89°42'18"E
L3	24.87	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°53'24"E
L14	175.37	S89°25'21"W
L15	141.79	N00°38'02"W
L16	98.88	S22°02'03"E
L17	26.05	S67°08'14"W
L18	20.44	N55°42'05"E
L19	91.94	S43°42'10"E
L20	58.87	S01°40'28"E
L21	52.02	S44°21'18"E
L22	71.02	S67°39'46"E
L23	175.02	S67°39'46"E
L24	324.02	S87°27'55"E
L25	21.00	S02°32'05"E
L26	8.69	S88°30'52"E

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	180.00	51.16	97.45	N71°58'28"E	32°27'36"
C3	45.17	180.00	22.74	45.02	N46°03'22"E	16°10'55"
C4	252.05	50.00	35.70	58.19	N50°46'47"W	288°49'42"
C5	85.14	399.43	42.73	84.97	N29°38'58"W	121°24'44"
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	171.68	500.00	86.70	170.84	N84°14'52"W	19°47'26"
C12	252.29	50.00	35.60	58.00	N04°05'05"W	289°05'56"
C13	59.72	117.00	30.05	59.54	S07°53'05"W	15°46'10"
C14	39.34	300.00	19.70	39.31	N03°06'01"W	07°30'46"
C15	123.91	80.00	78.26	111.89	N45°00'20"W	88°44'36"
C16	252.29	50.00	35.60	58.00	N89°25'21"E	289°05'56"
C17	112.72	300.00	57.03	112.06	N12°31'15"E	21°31'41"
C18	180.76	230.00	95.30	176.08	S00°21'21"E	45°00'40"
C19	79.84	400.00	40.05	79.70	S61°25'10"W	11°26'09"
C20	252.29	50.00	35.60	58.00	S141°75'52"E	289°05'56"
C21	83.66	230.00	42.30	83.20	S31°58'58"E	20°50'24"
C22	73.71	180.00	37.35	73.20	N31°58'17"W	23°27'46"
C23	146.61	500.00	73.84	146.09	N30°05'07"E	16°48'03"
C24	58.33	180.00	29.42	58.07	N105°7'26"W	18°33'56"
C25	81.24	200.00	41.19	80.69	S56°01'32"E	23°16'28"
C26	105.81	520.00	53.09	105.63	S31°35'01"W	11°59'31"
C27	73.11	500.00	139.78	269.88	S107°22'29"W	30°05'33"
C28	252.23	50.00	35.64	58.04	N55°10'57"W	289°02'10"
C29	252.23	50.00	35.64	58.04	N00°02'24"E	289°02'14"
C30	58.21	301.00	23.20	58.12	S34°42'27"E	11°04'48"
C31	49.18	155.76	24.80	48.98	N09°02'46"E	18°05'32"
C32	97.74	193.14	49.94	96.70	S03°35'39"W	28°50'45"
C33	54.02	193.14	27.19	53.84	S18°54'58"E	16°01'29"
C34	105.70	332.23	53.40	105.16	N16°54'33"W	20°02'18"
C35	227.58	50.00	58.76	76.16	S42°55'52"E	26°47'35"

ABERDEEN 3RD ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS

POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
2940 E. Central, Suite 200 • Wichita, KS 67208 • 316/685-4114 • Fax 316/685-4444

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°39'02"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 S49°29'17"E for a distance of 214.11 feet; thence S42°58'09"W for a distance of 116.73 feet; thence S00°17'42"E for a distance of 161.68 feet; thence S89°42'18"W for a distance of 180.00 feet; thence S42°58'09"W for a distance of 73.85 feet; thence S18°11'26"W 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 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°30'08"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 or 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 298.20 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 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 easements or street right-of-way are hereby vacated by virtue of K.S.A. 12-512(b).

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

Dated this ____ day of _____, 1999.

Foe 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 abutters' 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 (1352.80 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.

My Appointment Expires: _____

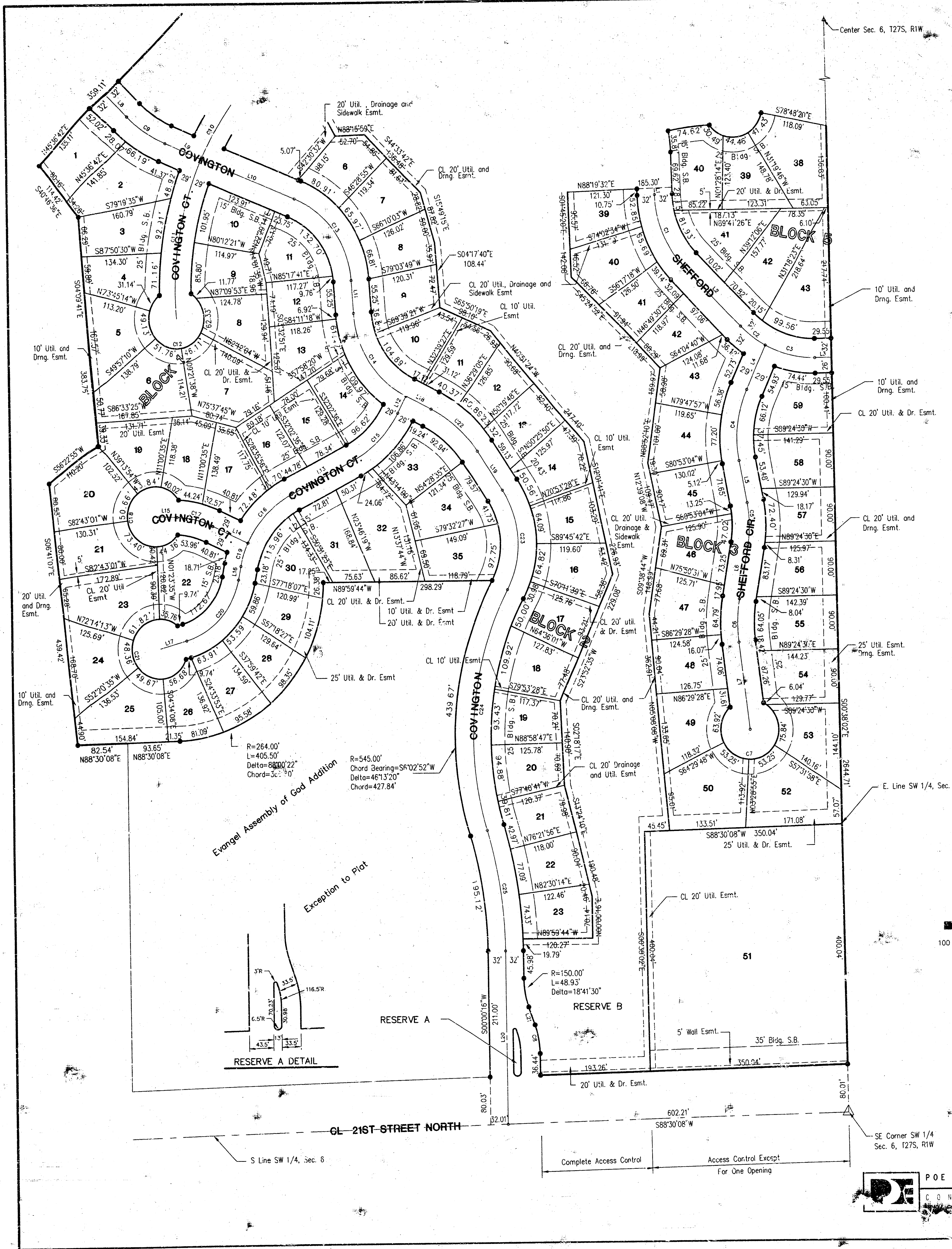
Notary Public

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.

My Appointment Expires: _____

Notary Public



LINE	LENGTH	BEARING
L1	10.75	S01°40'28\"
L2	140.84	N44°42'28\"
L3	29.55	N89°21'58\"
L4	90.60	S24°18'22\"
L5	71.65	N10°23'48\"
L6	91.21	N05°47'47\"
L7	146.41	N06°48'32\"
L8	52.02	S44°23'18\"
L9	71.02	S67°48'46\"
L10	176.02	S67°39'46\"
L11	55.25	N03°53'41\"
L12	31.77	S27°18'20\"
L13	123.12	S63°15'33\"
L14	67.68	N65°06'52\"
L15	39.12	S87°41'37\"
L16	23.18	N11°07'13\"
L17	50.47	S75°02'08\"
L18	48.24	N62°41'40\"
L19	79.57	S34°22'06\"
L20	233.19	N00°00'16\"
L21	31.76	N18°41'14\"

CURVE	LENGTH	RADIUS	TANGENT	CHORD	BEARING	DELTA
C1	133.88	180.00	70.21	130.82	N22°58'58\"	42°37'00\"
C2	53.44	180.00	26.92	53.25	N52°47'49\"	17°00'42\"
C3	92.15	180.00	47.11	91.14	N75°58'06\"	29°19'52\"
C4	121.14	200.00	62.49	119.29	S06°57'17\"	34°42'10\"
C5	70.49	200.00	35.61	70.12	N00°18'00\"	20°11'36\"
C6	72.45	250.00	36.48	72.20	N07°29'38\"	16°36'19\"
C7	252.29	50.00	35.50	58.00	N83°11'28\"	289°05'56\"
C8	48.53	150.00	24.59	48.72	N89°20'29\"	18°41'30\"
C9	81.24	200.00	41.19	80.69	N56°01'32\"	23°16'28\"
C10	105.81	520.00	53.09	105.63	S31°05'01\"	11°39'31\"
C11	273.11	520.00	139.78	269.98	S10°12'29\"	30°05'33\"
C12	252.23	50.00	35.64	58.04	N67°24'26\"	289°02'10\"
C13	178.07	160.00	99.53	169.02	N35°46'44\"	63°46'05\"
C14	174.61	170.00	95.88	167.03	N33°16'13\"	56°50'54\"
C15	112.95	180.00	58.40	111.17	S45°16'56\"	35°57'13\"
C16	113.88	170.00	59.16	111.74	N44°04'20\"	38°22'25\"
C17	66.99	170.00	33.94	66.56	N76°24'14\"	22°34'44\"
C18	252.28	50.00	35.60	58.00	S02°19'03\"	289°05'43\"
C19	40.84	170.00	20.52	40.74	N18°00'10\"	13°45'54\"
C20	145.02	130.00	81.10	137.62	S43°04'41\"	63°54'54\"
C21	252.29	50.00	35.60	58.00	S14°57'52\"	289°05'56\"
C22	108.76	220.00	55.52	107.66	S48°31'53\"	28°19'34\"
C23	174.96	157.80	97.70	166.14	N02°36'17\"	63°39'38\"
C24	413.85	513.00	268.83	402.72	S06°02'52\"	46°13'21\"
C25	204.65	687.00	130.90	203.90	S08°31'46\"	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. Krut, 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)

- 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
- 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
- 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
- 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

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
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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
1000 West 10th Street, Suite 200 • Wichita, KS 67203 • 316/685-4114 • Fax 316/685-4444