PEREGRINE/KITE

STATION	AREAS Square Feet CUT	AREAS Square Feet FILL	VOLUMES Cubic Yards CUT	VOLUMES Cubic Yards FILL	CUMULATIVE VOLUMES Cubic Yards CUT	CUMULATIVE VOLUMES Cubic Yards FILL
0+00	0.00	0.00	0.00	123.35	0.00	123.35
0+50	0.00	133.22	0.00	49.01	0.00	172.36
0+60.16	0.00	127.21	0.00	155.80	0.00	328.16
1+00	0.00	83.98	0.28	141.63	0.28	469.79
1+47.38	0.32	77.44	0.02	8.31	0.30	478.11
1+50	0.22	79.09	0.06	57.48	0.36	535.59
1+68.92	0.00	89.85	0.00	29.25	0.36	564.83
1+75	0.00	92.82	0.00	31.38	0.36	596.21
1+83.63	0.00	92.75	0.00	57.55	0.36	653.76
2+00	0.00	89.37	0.00	35.53	0.36	689.29
2+10.49	0.00	89.07	0.00	46.79	0.36	736.08
2+25	0.00	84.37	0.00	50.74	0.36	786.83
2+41.67	0.00	83.19	0.00	25.17	0.36	812.00
2+50	0.00	84.33	0.00	45.95	0.36	857.95
2+64.81	0.00	86.52	0.03	97.92	0.39	955.87
3+00	0.04	63.74	8.31	93.91	8.70	1049.77
3+50	8.93	37.67	8.30	28.19	17.00	1077.96
3+71.01	12.39	34.76	1.77	5.58	18.77	1083.54
3+75	12.96	34.22	14.64	31.03	33.41	1114.56
4+00	19.82	27.25	23.95	23.34	57.35	1137.90
4+25	32.71	18.83	39.36	11.49	96.72	1149.39
4+50	52.79	4.16	21.03	0.91	118.54	1150.31
4+60.07	64.13	1.00	39.50	0.38	157.05	1150.68
4+75	73.63	0.78	71.12	0.73	228.17	1151.42
5+00	76.82	1.52	69.70	1.67	297.87	1153.08
5+25	69.22	3.62	6.62	0.24	304.49	1153.33
5+27.50	68.47	3.84	56.24	3.30	360.72	1156.63
5+50	66.51	4.08	137.24	5.79	497.97	1162.42
6+00	81.71	2.17	163.13	2.17	661.10	1164.59
6+50	94.47	0.17	168.08	0.28	829.18	1164.87
7+00	87.06	0.13	38.66	0.05	867.84	1164.92
7+12.13	85.12	0.10	39.25	0.04	907.09	1164.95
7+25	83.99	0.02	24.30	0.00	931.39	1164.96
7+33.02	83.03	0.00	54.76	0.00	986.15	1164.96
7+50	93.77	0.00	94.15	0.00	1080.30	1164.96
7+75	111.07	0.00	111.25	0.00	1191.55	1164.96
8+00	128.79	0.00	95.29	0.00	1286.85	1164.96
8+19.19	137.60	0.00	159.13	0.00	1445.98	1164.96
8+50	141.29	0.00	243.97	0.00	1689.95	1164.96
9+00	122.20	0.00	194.83	0.61	1884.78	1165.57
9+48.97	92.62	0.68	3.39	0.03	1888.17	1165.61
9+50	91.66	0.81	72.96	2.86	1961.13	1168.47
9+75	71.24	4.35	57.73	6.97	2018.85	1175.44
10+00	57.48	8.33	45.89	8.47	2064.75	1183.91
10+23.12	52.81	8.39	56.58	7.01	2121.33	1190.93
10+50	60.84	5.70	37.72	3.01	2159.05	1193.94
10+66.39	63.40	4.21	80.62	4.06	2239.67	1198.00
11+00	66.14	2.31	1.50	0.05	2241.17	1198.05
11+00.61	66.22	2.28	83.88	1.89	2325.05	1199.94
11+34.40	67.85	0.75	42.72	0.23	2367.77	1200.17
11+50	80.00	0.04	177.77	0.04	2545.54	1200.22
12+00	111.99	0.00	210.73	0.00	2756.28	1200.22
12+50	115.60	0.00	120.11	0.23	2876.39	1200.45
12+79.31	105.72	0.43	73.43	1.10	2949.82	1201.55
13+00	94.67	1.85	75.39	2.47	3025.21	1204.02
13+23.81	83.99	2.62	5.53	0.15	3028.73	1204.17
13+25	83.17	2.80	67.77	5.29	3096.50	1209.46
13+50	69.26	6.38	5.80	0.70	3102.30	1210.16
13+52.36	68.53	6.50	59.78	4.21	3162.08	1214.36
13+75	79.26	1.55	17.14	0.28	3179.22	1214.65
13+80.91	82.52	0.50	60.83	0.20	3240.05	1214.84
14+00	94.48	0.00	93.94	0.00	3333.99	1214.84
14+25	113.07	0.00	107.83	0.00	3441.82	1214.84
14+50	124.49	0.00	75.99	0.00	3517.81	1214.84
14+67.09	119.63	0.00	129.46	0.00	3647.27	1214.84
15+00	92.83	0.00	130.62	5.56	3777.89	1220.40
15+50	48.23	6.00	61.65	30.11	3839.54	1250.51
16+00	18.35	26.52	7.66	15.81	3847.20	1266.33
16+14.59	10.02	32.03	8.32	49.19	3855.52	1315.51
16+48.80	3.11	45.60	0.13	2.03	3855.65	1317.54
16+50	2.96	46.00	1.78	73.01	3857.44	1390.55
16+82.59	0.00	74.98	0.00	52.87	3857.44	1443.42
17+00	0.00	88.97	0.00	173.46	3857.44	1616.87
17+50	0.00	98.37	0.00	194.92	3857.44	1811.80
18+00	0.00	112.15	0.00	21.05	3857.44	1832.85
18+04.70	0.00	129.50	0.00	205.52	3857.44	2038.37
18+50	0.00	115.51	0.00	58.28	3857.44	2096.65
18+63.81	0.00	112.41	0.00	0.00	3857.44	2096.65

LANNERS CIRCLE

STATION	AREAS Square Feet CUT	AREAS Square Feet FILL	VOLUMES Cubic Yards CUT	VOLUMES Cubic Yards FILL	CUMULATIVE VOLUMES Cubic Yards CUT	CUMULATIVE VOLUMES Cubic Yards FILL
0+00	0.00	0.00	31.29	1.34	31.29	1.34
0+32.84	51.46	2.21	32.51	1.26	63.80	2.61
0+50	50.82	1.76	32.32	1.21	96.11	3.82
0+67.50	48.91	1.97	13.75	0.36	109.87	4.18
0+75	47.77	1.56	25.50	0.45	135.37	4.63
0+88.98	48.87	0.86	20.28	0.28	155.66	4.90
1+00	50.56	0.49	99.61	0.61	255.26	5.52
1+50	57.02	0.17	93.16	1.98	348.42	7.50
2+00	43.60	1.97	27.17	0.60	375.59	8.10
2+16.06	47.76	0.03	16.56	0.01	392.15	8.11
2+25	52.51	0.00	55.68	0.00	447.82	8.11
2+50	66.13	0.00	68.45	0.00	516.27	8.11
2+75	77.49	0.00	74.24	0.00	590.51	8.11
2+99.73	80.27	0.00	0.81	0.00	591.32	8.11
3+00	80.28	0.00	129.57	0.02	720.90	8.12
3+50	59.66	0.02	16.82	0.02	737.72	8.15
3+57.88	55.65	0.13	57.15	2.06	794.87	10.20
3+91.88	35.12	3.14	9.92	1.25	804.79	11.45
4+00	30.83	5.19	27.45	6.34	832.24	17.80
4+25.88	26.45	8.05	18.58	5.75	850.82	23.54
4+44.62	27.09	8.51	5.43	1.58	856.25	25.12
4+50	27.03	8.58	24.53	8.31	880.78	33.43
4+75	25.78	10.09	24.46	9.27	905.24	42.70
5+00	27.02	9.89	25.48	9.36	930.72	52.06
5+25	28.09	9.78	26.84	9.30	957.57	61.36
5+50	30.18	9.15	28.91	8.44	986.47	69.80
5+75	32.76	7.53	22.43	4.84	1008.91	74.64
5+92.87	35.69	5.60	9.94	1.33	1018.84	75.98
6+00	39.55	4.49	79.05	6.62	1097.89	82.59
6+50	45.82	2.66	59.92	20.07	1157.81	102.67
7+00	18.89	19.02	18.28	64.40	1176.09	167.07
7+50	0.85	50.53	0.41	40.16	1176.50	207.23
7+70.19	0.24	56.87	0.07	37.25	1176.57	244.48
7+85.52	0.00	74.37	0.00	54.43	1176.57	298.91
8+00	0.00	128.62	0.00	90.25	1176.57	389.16
8+13.43	0.00	234.40	0.00	489.24	1176.57	878.40
8+48.93	0.00	509.80	0.00	10.15	1176.57	888.55
8+50	0.00	0.00	0.00	0.00	1176.57	888.55
8+63.43	0.00	0.00	0.00	0.00	1176.57	888.55

LANNERS COURT

STATION	AREAS Square Feet CUT	AREAS Square Feet FILL	VOLUMES Cubic Yards CUT	VOLUMES Cubic Yards FILL	CUMULATIVE VOLUMES Cubic Yards CUT	CUMULATIVE VOLUMES Cubic Yards FILL
0+00	0.00	0.00	34.94	1.58	34.94	1.58
0+34	55.49	2.52	36.40	1.33	71.34	2.92
0+50	67.36	1.98	33.80	0.71	105.14	3.63
0+62.63	77.18	1.07	48.80	0.32	153.94	3.95
0+78.35	90.45	0.05	78.37	0.02	232.31	3.97
1+00	105.01	0.00	23.08	0.00	255.40	3.97
1+05.86	107.73	0.00	155.14	0.00	410.54	3.97
1+41.36	128.26	0.00	20.52	0.00	431.07	3.97
1+50	0.00	0.00	0.00	0.00	431.07	3.97
1+55.86	0.00	0.00	0.00	0.00	431.07	3.97

PEREGRINE COURT

STATION	AREAS Square Feet CUT	AREAS Square Feet FILL	VOLUMES Cubic Yards CUT	VOLUMES Cubic Yards FILL	CUMULATIVE VOLUMES Cubic Yards CUT	CUMULATIVE VOLUMES Cubic Yards FILL
0+00	0.00	0.00	57.87	0.00	57.87	0.00
0+36.80	84.91	0.00	39.60	0.00	97.47	0.00
0+50	77.11	0.00	100.03	0.60	197.50	0.60
0+91.07	54.41	0.79	16.58	0.49	214.07	1.09
1+00	45.91	2.18	10.74	0.82	224.82	1.91
1+06.79	39.63	4.30	26.08	14.00	250.90	15.91
1+34.30	11.56	23.19	4.18	17.64	255.08	33.55
1+50	2.83	37.47	1.04	13.74	256.12	47.29
1+69.80	0.00	0.00	0.00	0.00	256.12	47.29
1+74.03	0.00	0.00	0.00	0.00	256.12	47.29
1+84.30	0.00	0.00	0.00	0.00	256.12	47.29

OSPREY CIRCLE

STATION	AREAS Square Feet CUT	AREAS Square Feet FILL	VOLUMES Cubic Yards CUT	VOLUMES Cubic Yards FILL	CUMULATIVE VOLUMES Cubic Yards CUT	CUMULATIVE VOLUMES Cubic Yards FILL
0+00	0.00	0.00	0.00	43.44	0.00	43.44
0+37.20	0.00	63.05	0.01	29.18	0.01	72.62
0+50	0.04	60.08	1.46	93.47	1.47	166.09
1+00	1.54	40.87	3.13	79.11	4.60	245.20
1+50	1.84	44.57	1.95	96.48	6.55	341.68
2+00	0.27	59.63	0.25	132.03	6.80	473.72
2+50	0.00	82.97	0.00	167.29	6.80	641.01
3+00	0.00	97.71	0.00	194.32	6.80	835.33
3+50	0.00	112.16	0.00	195.16	6.80	1030.49
4+00	0.00	98.61	0.00	175.72	6.80	1206.21
4+50	0.00	91.17	0.00	169.31	6.80	1375.52
5+00	0.00	91.68	0.00	150.79	6.80	1526.31
5+50	0.00	71.17	0.00	48.95	6.80	1575.26
5+68.44	0.00	72.17	0.00	17.86	6.80	1593.12
5+75	0.00	71.96	0.00	62.86	6.80	1655.98
6+00	0.00	60.90	0.12	52.56	6.92	1708.54
6+25	0.26	49.59	0.50	43.63	7.42	1752.17
6+50	0.92	41.58	1.11	37.03	8.53	1789.20
6+75	1.66	35.54	1.00	35.40	9.53	1824.60
7+00	0.66	38.69	0.14	10.42	9.66	1835.02
7+07.08	0.46	39.09	0.23	17.67	9.89	1852.70
7+19.57	0.54	37.36	0.63	19.19	10.53	1871.88
7+34.90	1.69	30.24	1.64	15.32	12.17	1887.20
7+50	4.18	24.52	2.70	10.35	14.87	1897.55
7+62.80	7.21	19.14	22.57	19.43	37.44	1916.98
7+98.30	27.12	10.41	1.76	0.65	39.21	1917.62
8+00	28.92	10.08	6.86	2.39	46.06	1920.01
8+12.80	0.00	0.00	0.00	0.00	46.06	1920.01

EARTHWORK SUMMARY

DESCRIPTION	CUT (CY)	LOOSE FILL (CY)	COMPACTED FILL (CY) 95% STD. DENSITY
PEREGRINE/KITE	3,857	2,096	100
LANNERS CIRCLE	1,177	889	15
OSPREY CIRCLE	46	1,920	150
LANNERS COURT	431	4	10
PEREGRINE COURT	256	48	8
TOTAL	5,767	4,957	283
15% SHRINKAGE		744	42
STREET TOTALS	5,767	5,701	325
POND	35,993		4,612
15% SHRINKAGE			368
POND TOTALS	35,993		4,980
LOTS 1-18, BLOCK 1	2,663	4,019	
LOTS 1-45, BLOCK 2	14,535	13,064	
LOTS 1-21, BLOCK 3	4,593	5,902	
LOTS 1-5, BLOCK 4	0	3,894	
LOTS 1-7, BLOCK 5	0	5,375	
LOTS 1-19, BLOCK 6	3,452	6,006	
LOTS 20-23, BLOCK 6	588	1,370	
LOTS 1-4, BLOCK 7	3	5,055	
TOTAL	25,894	44,684	
15% SHRINKAGE		6,703	
LOT GRADING TOTALS	25,894	51,387	
PROJECT TOTALS	67,654	57,088	5,305

●●● WASTE ON SITE 5,261 CY

No.	Date	By	Approved	Revision
1				
2				
3				
4				
5				

FALCON FALLS - PHASE 1
STREET IMPROVEMENTS
SPECIAL DROP INLET DETAILS
CITY OF WICHITA, KANSAS
NEIL D. CABLE, P.E. - CITY ENGINEER
C.O.W. Project # 472-83587 O.C.A. # 765782

POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
5940 E. Central, Suite 200 ■ Wichita, KS 67208-4242
Phone 316/686-4114 ■ FAX 316/686-4444

FINAL

Designed By: J. Ubert / B. Kulla
Drawn By: B. Kulla
Poe Job No.: 1748A
Date: May 2003

Sheet 67 of 88

G:\APPS\OCA\P\7481BASE.dwg Wed Jun 18 11:49:24 2003 Jim Ubert, P.E. - Poe & Associates of Kansas, Inc.