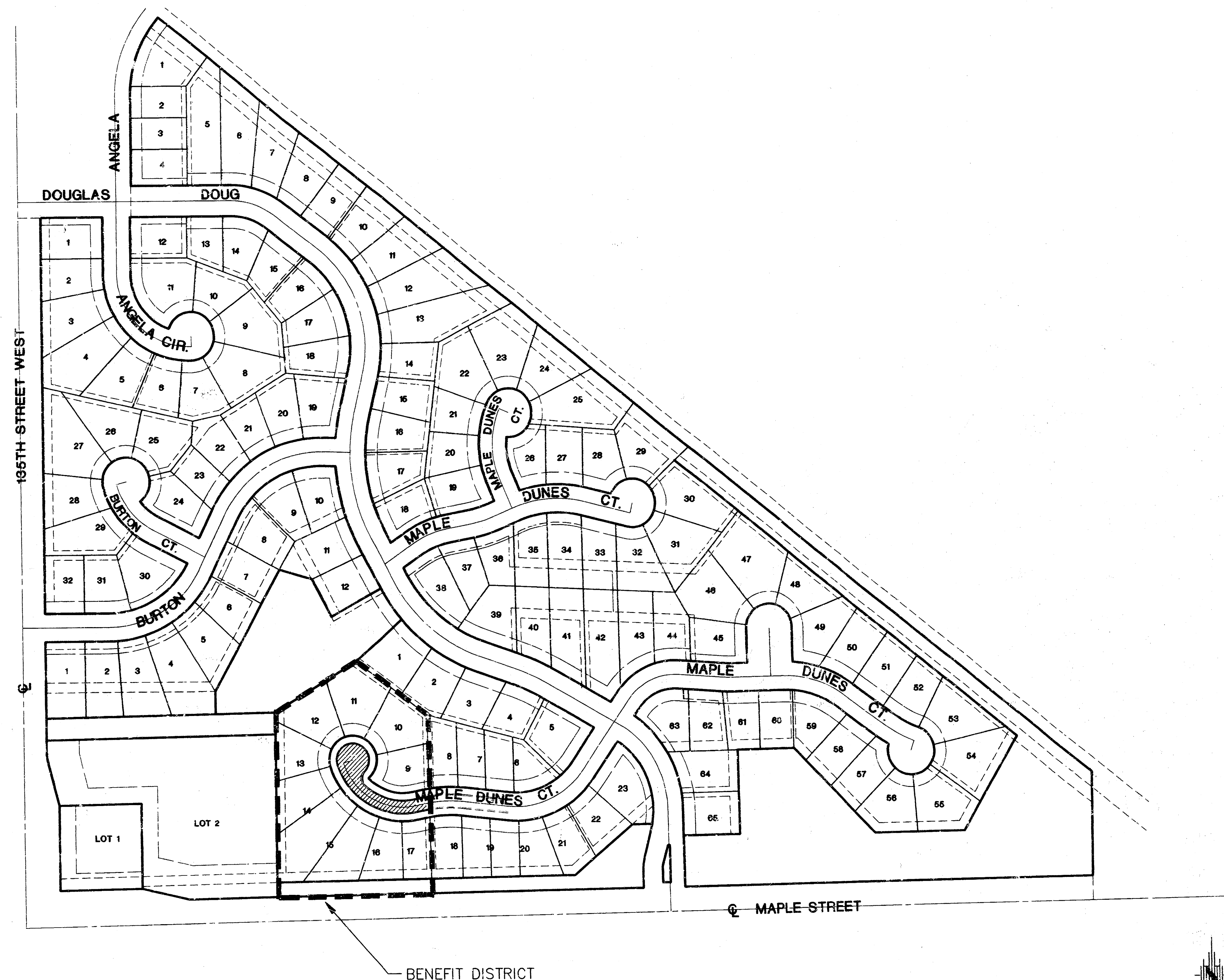


GENERAL NOTES:

MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER
PROJECT NO. 472-82831
OCA # 765616
MAPLE DUNES CT. ADJACENT TO LOTS 9-17, BLOCK 4

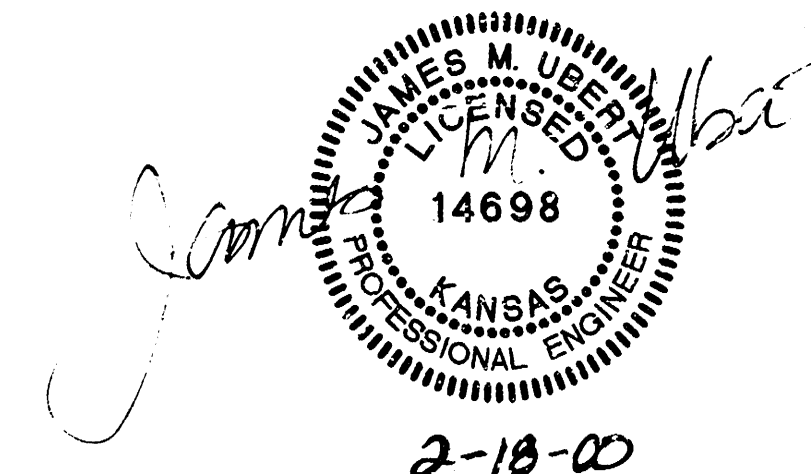


(WITHIN R/W)
EARTHWORK SUMMARY

Excavation	40 C.Y.
Compacted Fill	143 C.Y.
Loose Fill	432 C.Y.
Ditch Excavation	930 C.Y.
Maple Ditch Fill	335 C.Y.
Waste	60 C.Y.

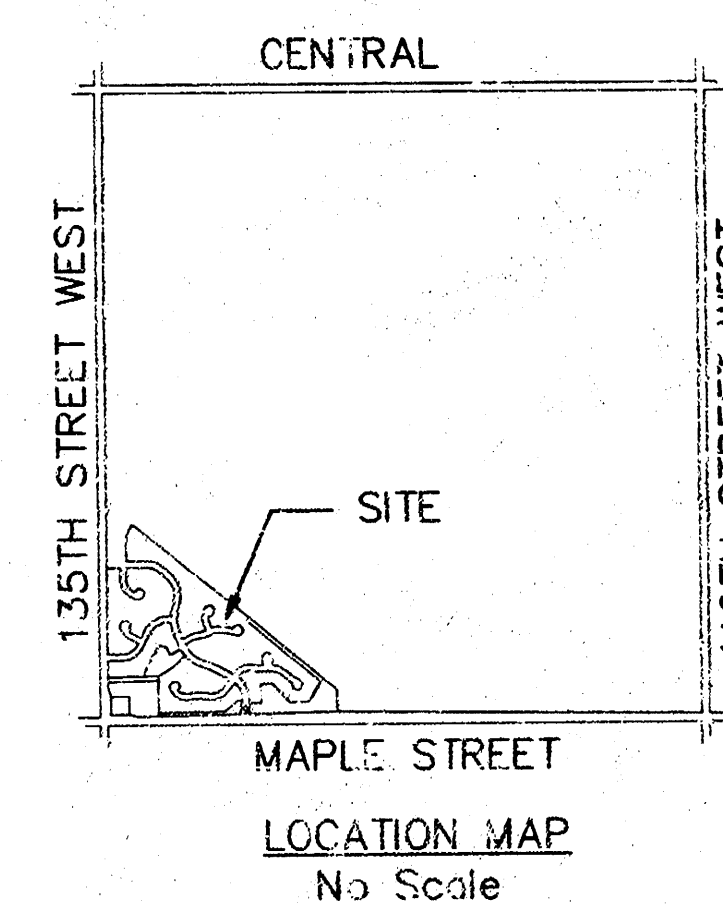
PE

POE & ASSOCIATES OF KANSAS, INC
CONSULTING ENGINEERS
5340 E. Central, Suite 200 ■ Wichita, KS 67208 ■ 316/685-4114 ■ Fax 316/685-4444



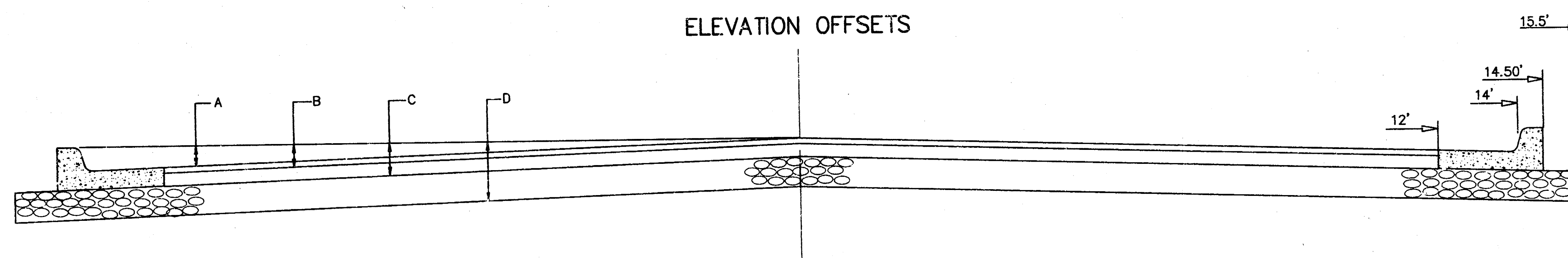
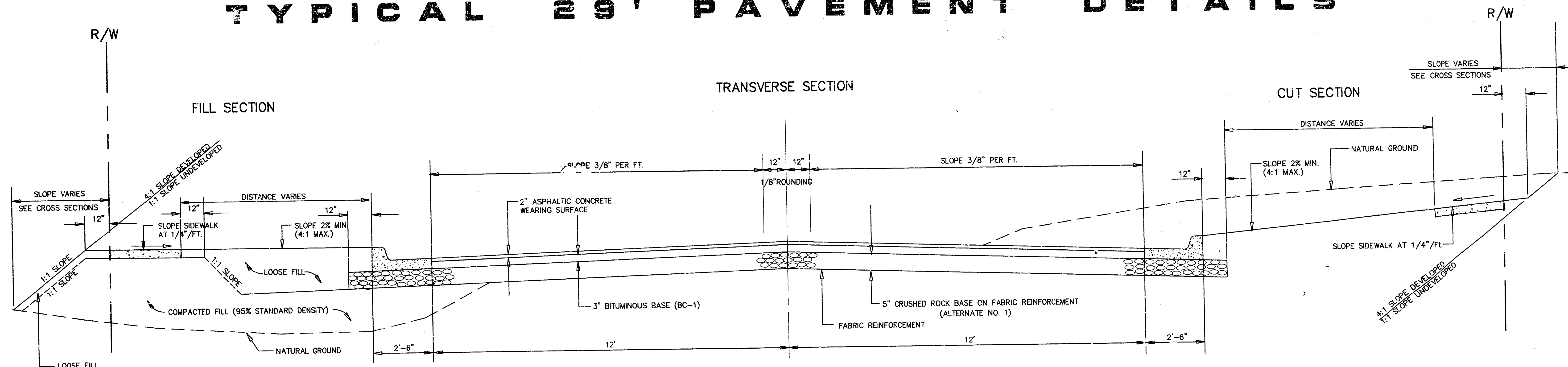
Scale 1" = 150'

TITLE SHEET	SHEET 1
TYPICAL 29' PAVEMENT DETAILS	SHEET 2
MAPLE DUNES COURT	SHEET 3
DITCH NO. 1	SHEET 4
CROSS SECTIONS	SHEET 5-6
COORDINATE SHEET	SHEET 7
STORM WATER POLLUTION PREVENTION PLAN	SHEET 8
LOT GRADING PLAN	SHEET 9
MAPLE DUNES ADDITION PLAT	SHEET 10



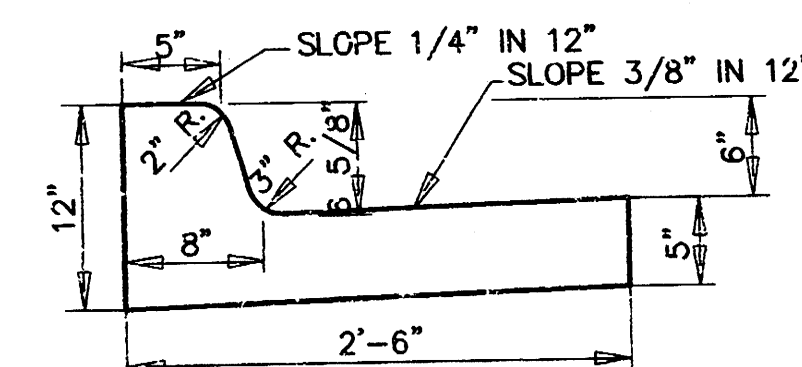
1. City of Wichita std. disk on headwall at northeast corner of 135th & Maple, 3/4' Northeast of Southwest corner of Section 24--T27S--R2W. Elev. 150.20
2. City of Wichita std. disk at Southwest' corner of 135th and Rolling Hills Drive, 1/4 mile South of Central, 47' East of CL 135th, 31' South of CL Rolling Hills Drive, 14' South of South curb line. Elev. 161.89
3. City of Wichita std. disk on Southeast corner of East hubgord of RCR under Forestview, 86' North of CL Maple. Elev. 135.58

TYPICAL 29' PAVEMENT DETAILS

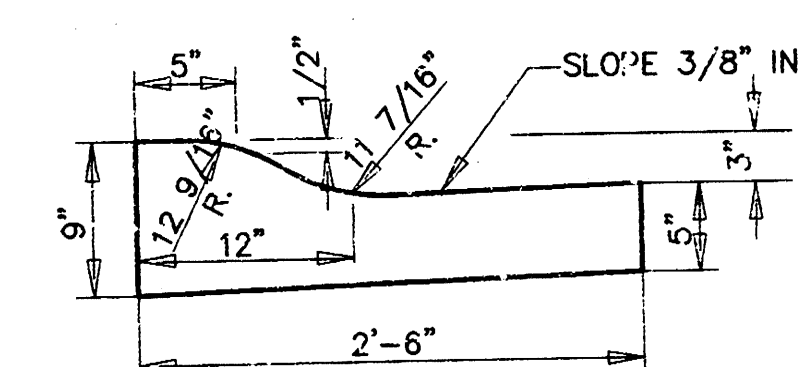


	DISTANCE FROM CENTERLINE (LT. & RT.)									
	0'	2'	4'	6'	8'	10'	12'	14'	14.5'	15.5'
A: TOP OF CURBS TO TOP OF SURFACE LIFT	0.13	0.18	0.24	0.30	0.33	0.36	0.43	0.49	-	-
B: TOP OF CURBS TO TOP OF UPPER BASE LIFT	0.30	0.35	0.41	0.47	0.50	0.53	0.60	0.66	-	-
C: TOP OF CURBS TO TOP OF LOWER BASE LIFT	0.55	0.60	0.66	0.72	0.75	0.78	0.85	0.91	0.98	1.00
D: TOP OF CURBS TO BOTTOM OF ROCK	0.97	1.02	1.08	1.14	1.17	1.20	1.27	1.33	1.40	1.42

COMBINED CURB & GUTTER



ROLL TYPE COMBINED CURB & GUTTER



GENERAL NOTES

ROCK BASE IS TO BE COMPACTED AND SMOOTHED WITH A STEEL FACED ROLLER PRIOR TO PLACEMENT OF ASPHALT. TACK COAT WILL NOT BE APPLIED TO ROCK BASE.

A TACK COAT OF EMULSIFIED ASPHALT (3C-1H OR CSS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQUARE YARD BETWEEN EACH LIFT OF ASPHALTIC MATERIAL.

BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR LINE AND GRADE.

CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF ONE (1) FOOT FROM JOINTS IN PRECEDING LIFTS AND PLACED SO THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE OF THE TOP LIFT.

SUBGRADE ALTERNATES

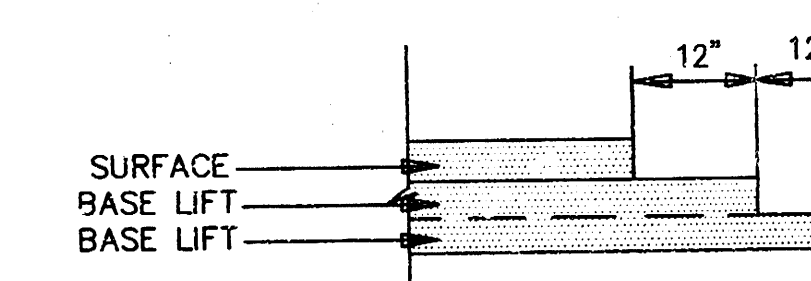
- ALTERNATE NO. 1
5" CRUSHED ROCK BASE ON FABRIC REINFORCEMENT
- ALTERNATE NO. 2
5" RECYCLED ASPHALT PAVEMENT BASE ON FABRIC REINFORCEMENT

CRUSHED ROCK & RAP GRADATION REQUIREMENTS

Percent of Aggregate Retained	
2-1/2"	0
3/4"	20 - 60
#4	50 - 80
#40	80 - 94
#200	90 - 98

ROCK QUALITY SHALL CONFORM TO THE REQUIREMENTS SPECIFIED BY THE KDOT 1990 EDITION STANDARD SPECIFICATION SUBSECTION 1102 FOR DURABILITY CLASS 1.

FABRIC BASE REINFORCEMENT SHALL BE 8 x 1100 BY TENSAR CORP. OR APPROVED EQUAL. FABRIC BASE REINFORCEMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. CRUSHED ROCK SHALL BE UNIFORMLY GRADED FROM 1 1/2" MAXIMUM SIZE TO NOT MORE THAN 10% PASSING A NO. 200 SIEVE. ROCK QUALITY SHALL BE THE SAME AS SPECIFIED FOR COARSE AGGREGATE FOR CONCRETE MIXES.

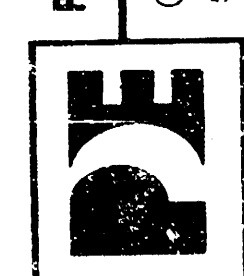


TRANSVERSE CONSTRUCTION JOINTS

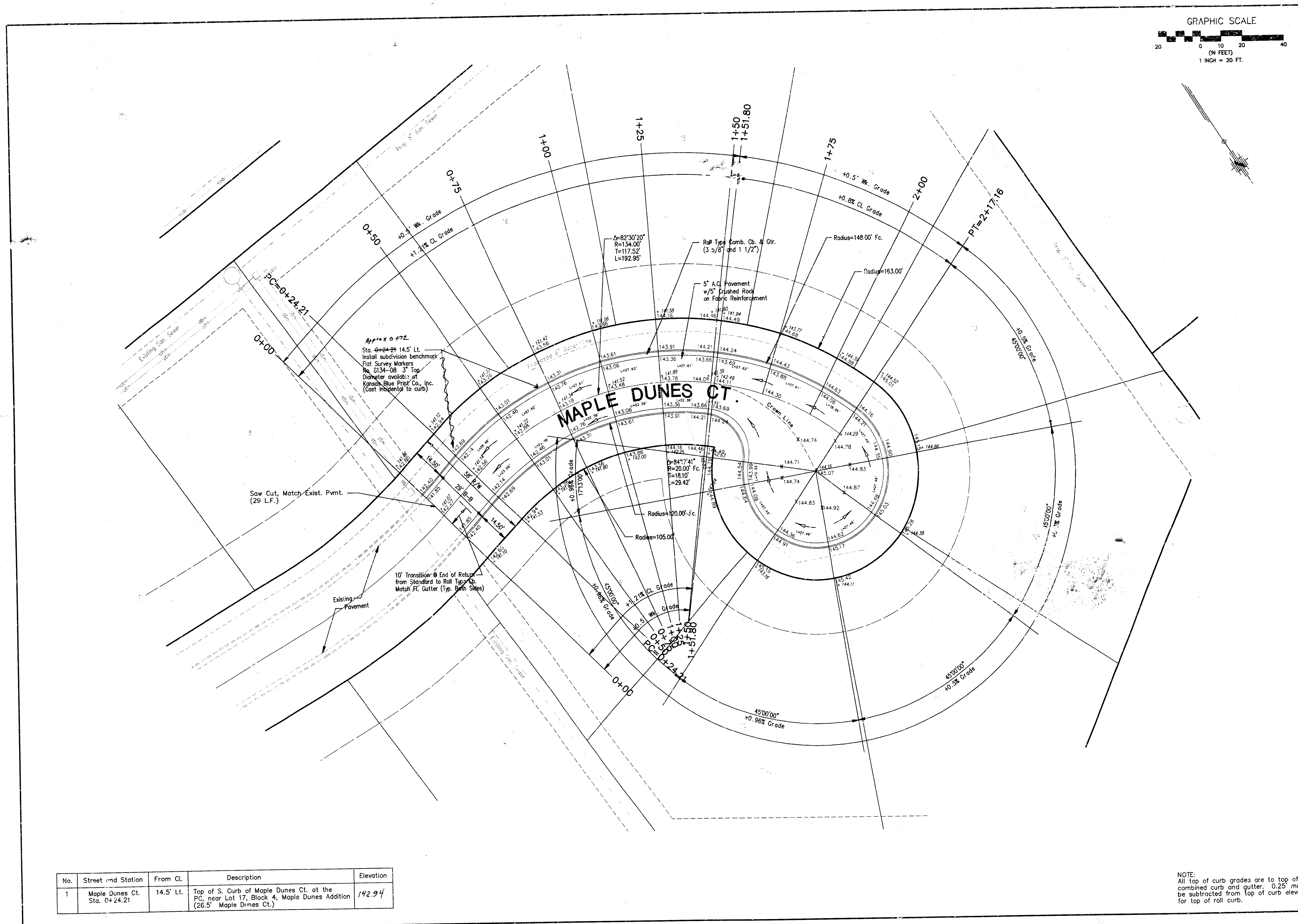
TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT JOINTS EXISTING FLEXIBLE BASE PAVEMENT AS SHOWN BY THE DETAIL. ALL COSTS ASSOCIATED WITH THE CONSTRUCTION OF THE TRANSVERSE JOINT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS 5" ASPHALTIC CONCRETE PAVEMENT (3" BITUMINOUS BASE).

MADE DINES PHASE 3
STREET RECONSTRUCTION
TYPICAL 29' PAVEMENT DETAILS
CITY OF WICHITA, KANSAS
MICHAEL E. LINDBERGH, P.E. - CITY ENGINEER
PROJECT NO. 4728231 OCA NUMBER 755616

POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
3901 E. Central, Suite 200 • Wichita, KS 67208 • Tel: 316-265-4444



FINAL
Engineer: J. Ubert
Drawn By: M. Perez / E. Kullo
Sheet: 1686A
Date: February 2000



No.	Street and Station	From CL	Description	Elevation
1	Maple Dunes Ct. Sta. 0+24.21	14.5' Lt.	Top of S. Curb of Maple Dunes Ct. at the PC, near Lot 17, Block 4, Maple Dunes Addition (26.5' Maple Dunes Ct.)	142.94

NOTE:
All top of curb grades are to top of
combined curb and gutter. 0.25' must
be subtracted from top of curb elevations
for top of roll curb.

FINAL

Engineer: J. Ubert
Drawn By: M. Perez / B. Kulka
For Job No.: 1655A
Date: February 2000

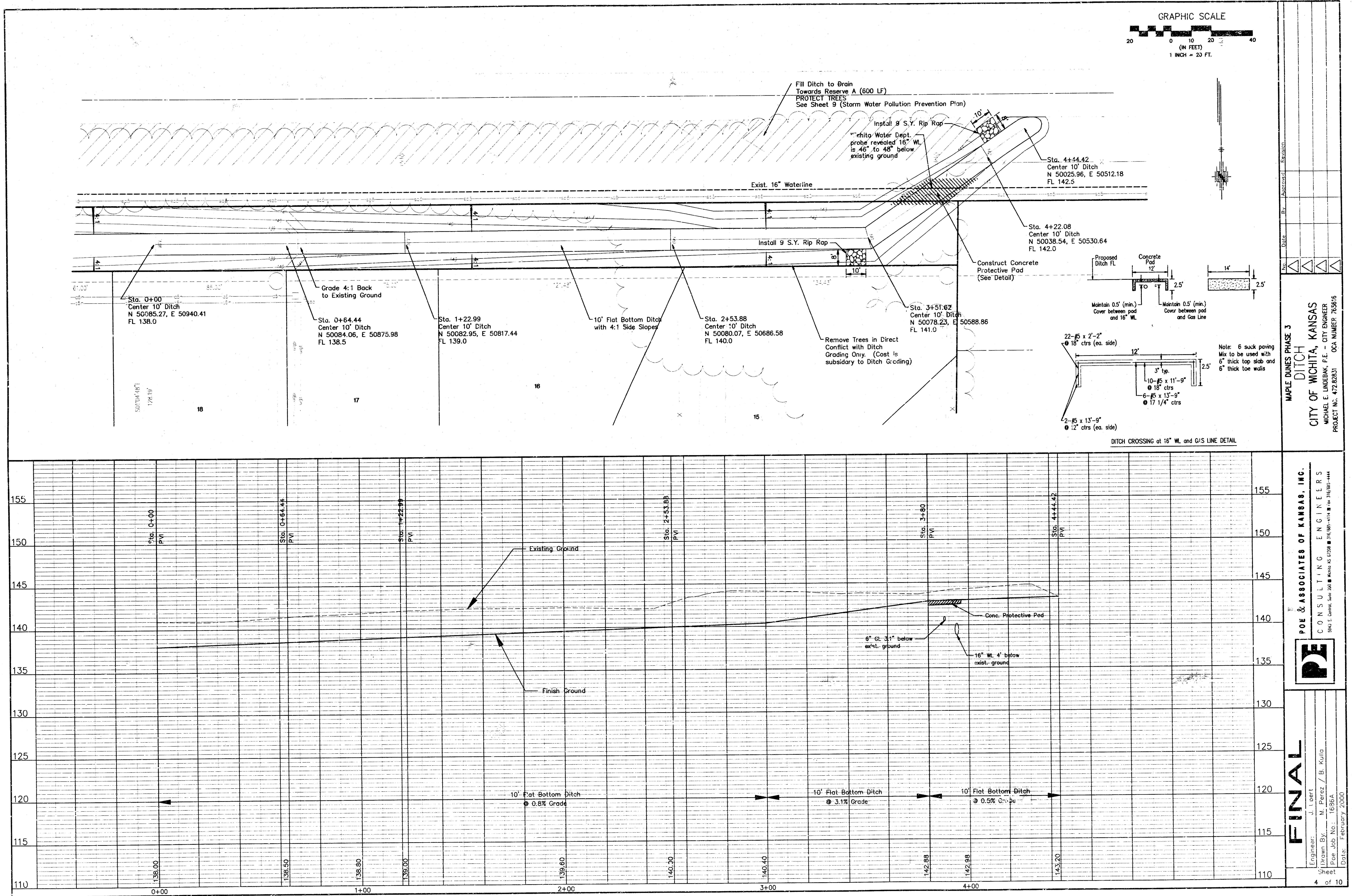
POE & ASSOCIATES OF KANSAS, INC.

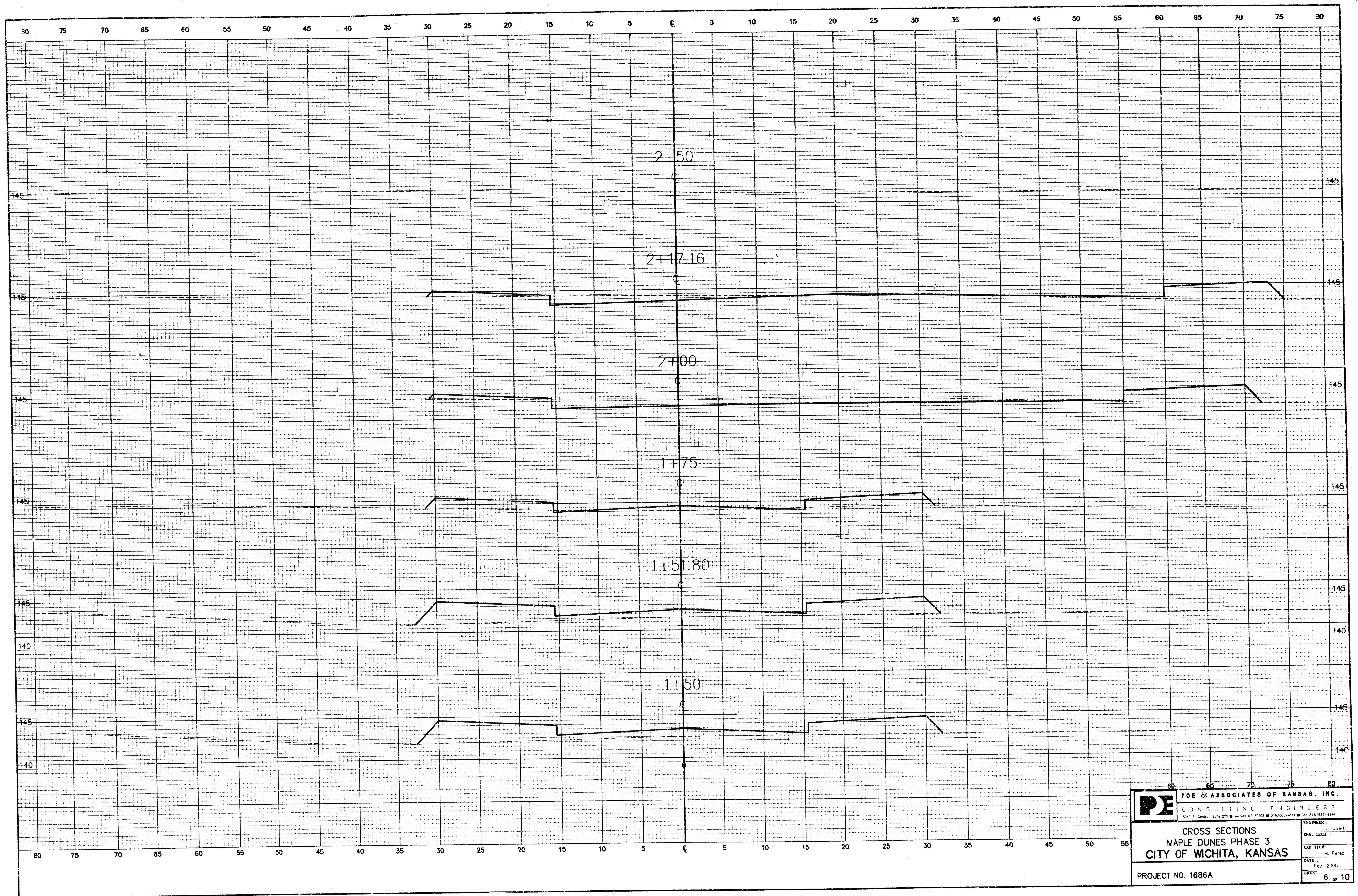
CONSULTING ENGINEERS

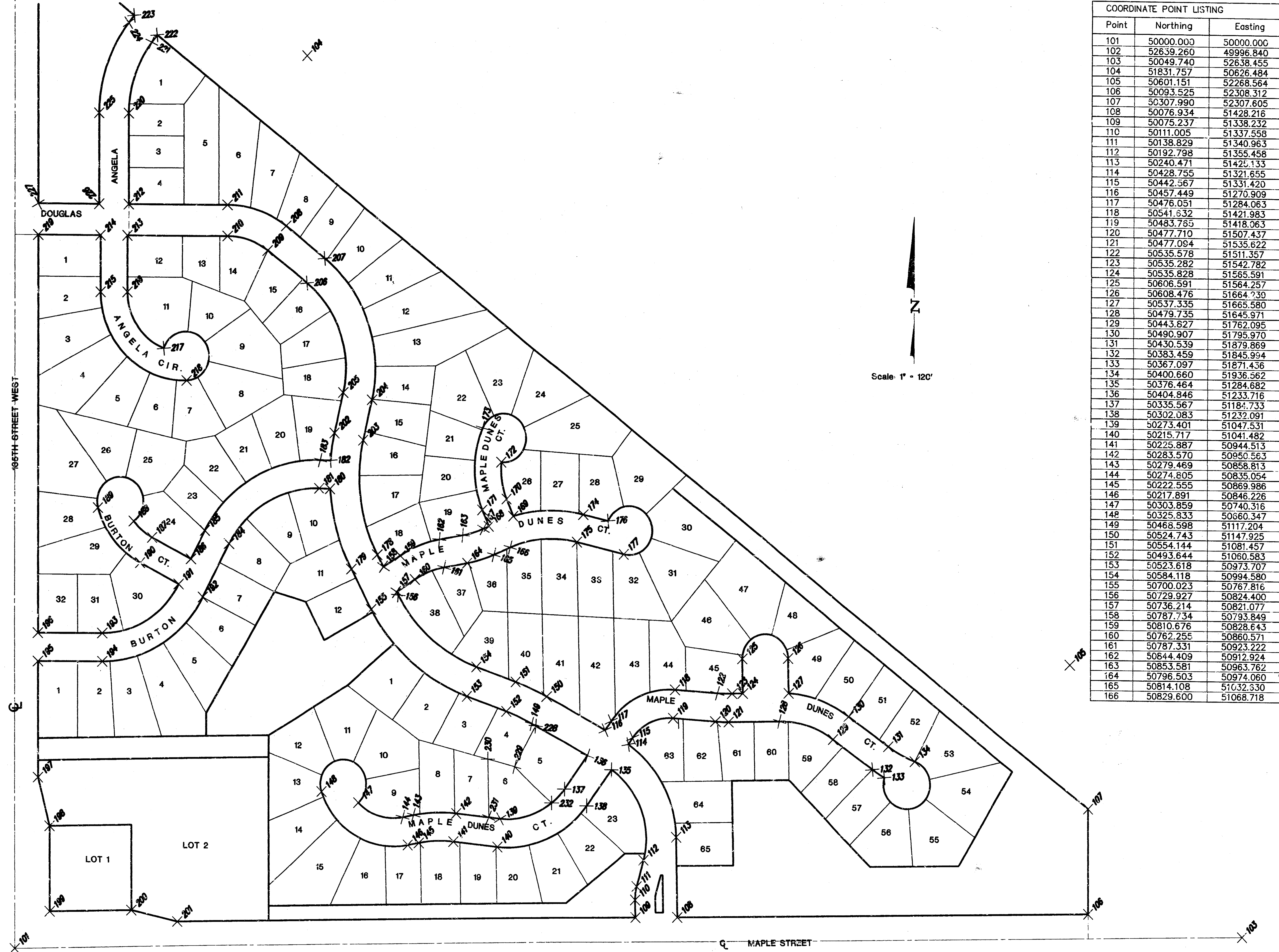
5901 E. Central, Suite 200 • Wichita, KS 67208 • 316.845-4111 • Fax 316.845-4444

MAPLE DUNES PHASE 3
STREET IMPROVEMENTS
MAPLE DUNES CT.
CITY OF WICHITA, KANSAS
MICHAEL E. UNDERBARK, P.E. - CITY ENGINEER
PROJECT NO. 472.02831 OCA NUMBER 765516

Revised: _____
Date: _____
By: _____
No. _____







COORDINATE POINT LISTING					
Point	Northing	Easting	Point	Northing	Easting
101	50000.000	50000.000	167	50867.405	51009.751
102	52639.260	49996.840	168	50872.410	51021.409
103	50049.740	52638.455	169	50893.688	51075.393
104	51831.757	50626.484	170	50928.656	51060.381
105	50601.151	52268.564	171	50905.777	51007.085
106	50093.525	52308.312	172	51003.850	51048.716
107	50307.990	52307.605	173	51073.720	51007.782
108	50076.934	51428.216	174	50898.196	51223.685
109	50075.237	51338.232	175	50841.775	51210.244
110	50111.005	51337.558	176	50885.636	51276.409
111	50138.829	51340.963	177	50817.777	51310.980
112	50192.798	51355.458	178	50812.179	50780.930
113	50240.471	51422.133	179	50782.274	50724.346
114	50428.755	51321.655	180	50946.218	50678.385
115	50442.567	51331.420	181	50946.953	50654.790
116	50457.449	51270.909	182	51004.225	50679.055
117	50476.051	51284.063	183	51004.925	50656.597
118	50541.632	51421.983	184	50832.207	50460.401
119	50483.765	51418.063	185	50858.638	50408.773
120	50477.710	51507.437	186	50800.368	50378.943
121	50477.094	51535.622	187	50843.465	50294.759
122	50535.578	51511.357	188	50876.725	50254.399
123	50535.282	51542.782	189	50903.881	50176.940
124	50535.828	51565.591	190	50781.837	50268.328
125	50606.591	51564.257	191	50748.740	50352.512
126	50608.476	51664.730	192	50722.391	50404.182
127	50537.335	51665.580	193	50647.036	50186.322
128	50479.735	51645.971	194	50589.036	50186.392
129	50443.827	51762.095	195	50588.872	50049.295
130	50490.907	51785.970	196	50646.872	50049.226
131	50430.539	51878.869	197	50350.997	50049.380
132	50383.459	51845.994	198	50251.453	50074.699
133	50367.097	51871.436	199	50076.425	50074.909
134	50400.660	51936.562	200	50079.725	50249.905
135	50376.464	51284.682	201	50056.606	50349.932
136	50404.846	51233.716	202	51060.685	50687.851
137	50335.567	51184.733	203	51046.376	50750.230
138	50302.083	51232.091	204	51129.211	50769.233
139	50273.401	51047.531	205	51143.521	50706.853
140	50215.717	51041.482	206	51387.024	50626.643
141	50225.887	50944.513	207	51417.734	50665.689
142	50283.570	50950.583	208	51483.445	50580.349
143	50279.469	50858.813	209	51432.735	50541.303
144	50274.605	50835.054	210	51481.809	50455.723
145	50222.555	50869.986	211	51525.809	50455.646
146	50217.891	50846.226	212	51525.553	50242.174
147	50303.859	50740.316	213	51481.549	50239.250
148	50325.833	50860.347	214	51481.480	50181.250
149	50468.598	51117.204	215	51345.590	50181.389
150	50524.743	51147.925	216	51345.660	50239.389
151	50554.144	51081.457	217	51231.179	50319.199
152	50493.644	51080.583	218	51165.725	50368.707
153	50523.618	50973.707	219	51481.321	50048.250
154	50584.118	50994.580	220	51711.553	50241.951
155	50700.023	50787.816	221	51857.042	50291.910
156	50729.927	50824.400	222	51872.114	50303.675
157	50736.214	50821.077	223	51911.493	50253.223
158	50787.734	50793.849	224	51896.420	50241.458
159	50810.676	50828.643	225	51711.476	50177.951
160	50762.255	50860.571	226	51525.476	50178.174
161	50787.331	50923.222	227	51525.321	50048.174
162	50844.409	50912.924	228	50464.184	51125.272
163	50853.581	50963.762	229	50380.413	51079.434
164	50796.503	50974.060	230	50395.389	51020.141
165	50814.108	51032.330	231	50276.038	51022.391
166	50829.600	51068.718	232	50307.072	51158.397

FINAL

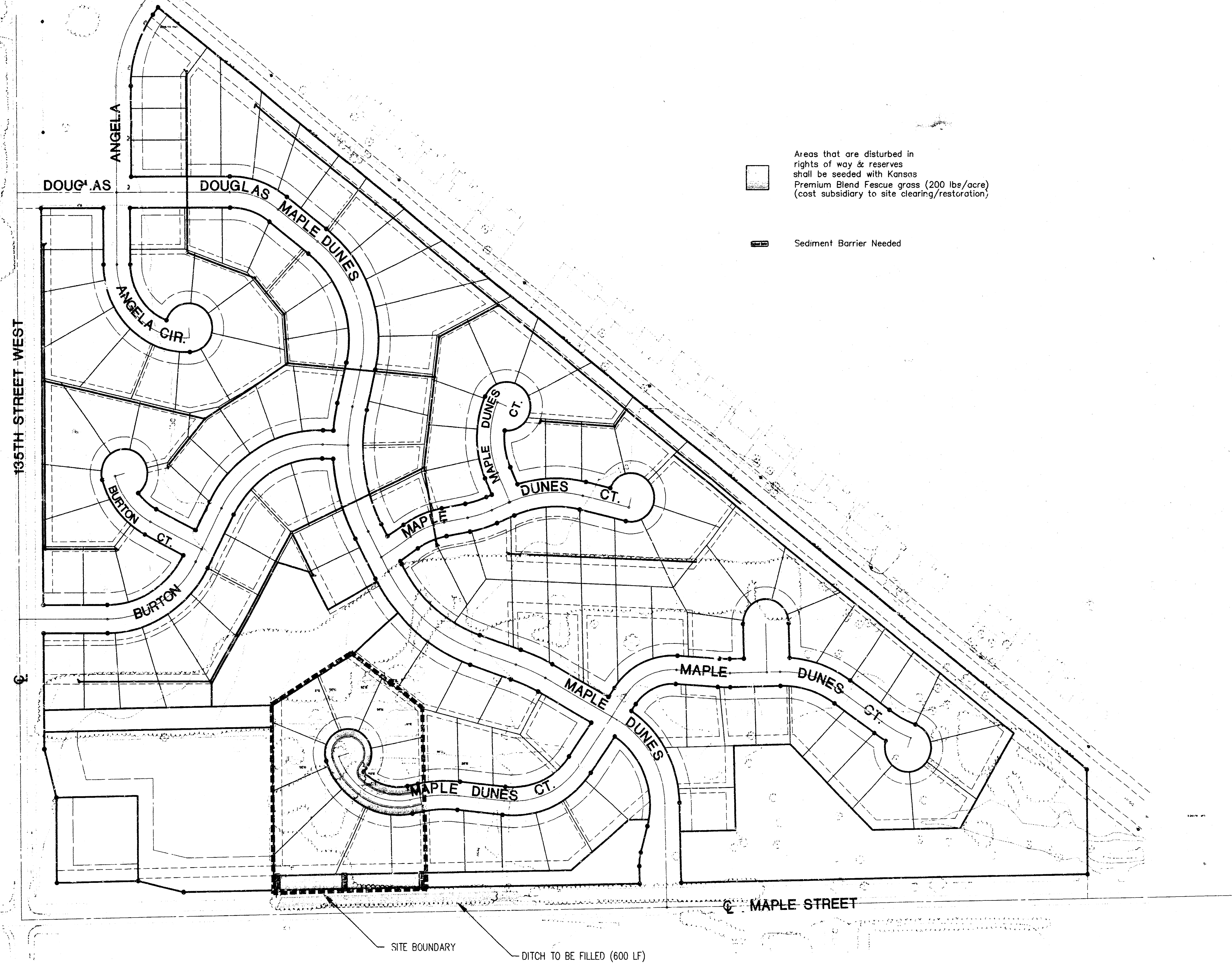
Engineer: J. Ubert
Drawn By: M. Perez / B. Kullis
Proj. Job No.: 1686A
Date: February 2000



POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
3401 E. Central, Suite 200 • Wichita, KS 67208 • 316/626-4444 • Fax 316/626-4444

MAPLE DUNES PHASE 3
STREET IMPROVEMENTS
COORDINATE POINT LIST
CITY OF WICHITA, KANSAS
MICHAEL E. LINDBAK, P.E. - CITY ENGINEER
PROJECT NO. 472.02331 CCA NUMBER 765016

NO.	DATE	BY	REVISION
1			
2			
3			
4			



FINAL

Engineer: J. Ubert
Drawn By: M. Perez / B. Kulla
Proj. Job No.: 1686A
Date: February 2000



POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
5940 E. Central Ave., Suite 100 • Wichita, KS 67214 • Tel: 313-6651 • Fax: 313-6651

MAPLE DUNES PHASE 3
STREET IMPROVEMENTS
STORM WATER POLLUTION PREVENTION PLAN
CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER
PROJECT NO. 472-8231 OCA NUMBER 765016

NO.	DATE	BY	REVISION
1			
2			
3			



NOTES:
1. Add 100 to elevations shown to get City of Wichita Datum.

FINAL

Engineer: J. Ubert
Drawn By: M. Perez / B. Kulla
Per Job No.: 16567
Date: February 2000



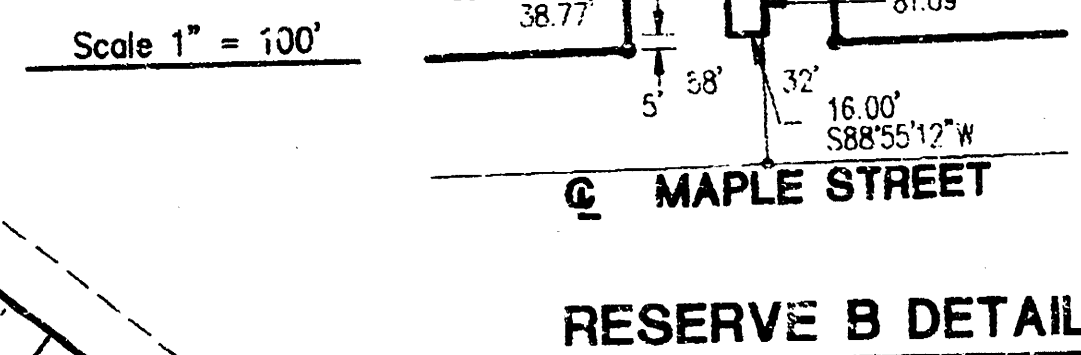
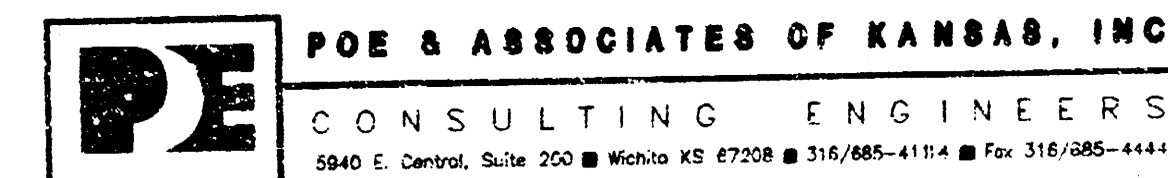
P.O.E. & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
5900 E. Central Expy. Suite 200 • Wichita, KS 67208 • Tel: 316/262-1444

MAPLE DUNES PHASE 3
STREET IMPROVEMENTS
CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER
PROJECT NO. 47282831 OCA NUMBER 765516

No.	Date	Revised	By	For
1				
2				
3				

MAPLE DUNES ADDITION

TO WICHITA, SEDGWICK COUNTY, KANSAS



LEGEND

- Building Setback SB
- Irons Set
- Utility Easement U.E.

CURVE	RADIUS	CHORD	ANGLE	CHORD	BEARING	DELTA
1	238.00	156.69	81.36	151.83	S18°5'07"W	38°02'28"
2	50.00	217.90	71.82	82.07	N37°06'11"W	249°41'31"
3	151.22	243.31	151.11	217.90	S48°09'48"E	97°11'10"
4	172.00	113.07	28.68	111.04	N71°44'31"W	37°32'53"
5	252.00	287.31	161.55	272.00	N19°44'31"W	65°19'27"
6	216.00	236.83	131.90	225.15	N88°51'14"E	62°49'18"
7	50.00	217.90	71.82	82.07	S38°12'08"E	47°22'30"
8	150.94	121.81	66.22	121.29	S38°12'08"E	47°22'30"
9	240.00	270.91	151.94	255.75	S59°25'50"E	64°40'29"
10	371.00	227.58	20.15	215.53	S68°44'59"W	12°22'06"
11	371.00	184.05	93.96	182.17	S13°38'38"E	28°25'28"
12	181.83	148.98	78.95	144.84	S00°41'17"E	45°56'33"
13	50.00	217.90	71.82	82.07	N37°06'11"W	249°41'31"
14	50.00	217.90	71.82	82.07	N37°06'11"W	249°41'31"
15	255.00	242.1	121.1	242.1	S67°02'17"W	00°32'34"
16	255.00	160.62	83.08	157.98	S67°02'17"W	00°32'34"
17	241.00	54.71	4.7	54.49	N73°16'11"E	13°00'23"
18	181.00	79.67	40.39	79.13	S68°11'12"W	23°10'21"
19	337.00	253.55	133.12	247.61	S49°24'57"E	45°06'30"
20	400.00	67.38	33.77	67.30	N68°08'20"W	09°39'04"
21	50.00	217.90	71.82	82.07	N37°06'11"W	249°41'31"
22	134.00	192.95	117.52	176.71	S59°51'21"E	82°30'02"
23	280.00	83.53	42.08	83.22	S67°48'25"W	17°00'34"
24	178.00	188.65	104.27	179.55	S65°37'28"E	60°43'27"
25	50.00	157.08	100.00	157.08	S88°55'12"W	180°00'00"
26	50.00	231.94	53.82	231.94	S88°55'12"W	180°00'00"
27	280.75	72.53	36.40	72.53	S62°12'35"E	15°53'30"
28	220.00	142.48	73.84	140.00	N72°49'02"W	37°00'26"
29	279.00	25.55	12.78	25.54	S88°44'52"E	05°14'47"
30	199.00	209.20	115.43	199.70	N31°11'48"W	60°14'01"
31	100.00	28.72	14.16	28.03	S06°58'31"W	16°06'50"
32	167.00	210.49	121.82	196.83	N21°34'28"W	24°13'00"

LINE	DIRECTION	DISTANCE
100	S37°49'51"E	2.00'
101	N88°55'12"E	272.00'
102	N00°04'07"W	147.89'
103	N00°04'07"W	218.00'
104	N88°55'12"E	245.47'
105	S52°24'12"E	107.11'
106	S12°51'27"W	84.95'
107	S88°55'12"W	181.33'
108	S74°29'10"W	21.00'
109	S25°05'25"E	21.57'
110	S27°06'35"W	54.45'
111	S27°06'35"W	28.57'
112	S88°17'58"E	54.00'
113	N66°17'27"W	21.00'
114	S132°15'00"W	21.00'
115	N76°36'01"W	103.56'
116	S23°40'00"E	85.32'
117	N88°44'00"E	39.77'
118	S53°48'22"E	1.68'
119	N56°16'01"E	76.84'
120	S27°06'35"W	54.45'
121	S27°06'35"W	13.14'
122	S70°57'52"E	9.30'
123	S173°34'00"W	21.00'
124	S173°34'00"W	21.00'
125	S84°00'48"E	97.81'
126	S195°00'40"W	2.00'
127	S54°13'01"E	14.06'
128	S01°04'48"E	99.52'
129	N68°17'45"E	79.15'
130	N88°17'45"E	81.22'
131	N88°17'45"E	89.58'
132	S61°18'49"E	165.88'
133	N35°15'45"E	25.40'
134	N35°15'45"E	213.57'
135	S01°04'48"E	99.52'
136	S01°04'48"E	99.52'
137	N35°15'45"E	51.63'
138	N35°15'45"E	51.63'
139	N78°53'38"E	24.21'

The minimum low opening for homes built on Lots 54 through 65, Block 2, shall be 137.0 City of Wichita Datum. (1324.4 MSL)

Bench Mark #1 City of Wichita std. disk on headwall at Northeast corner of 135th & Maple, 34' Northeast of Southwest corner of Section 24-T275-R2W. Elevation 150.20

Bench Mark #2 City of Wichita std. disk at Southwest corner of 135th and Rolling Hills Drive, 1/4 mile South of Central, 47' East of CL 135th, 31' South of CL Rolling Hills Drive, 14' South of South curb line. Elevation 161.88

Bench Mark #3 City of Wichita std. disk on Southeast corner of East Hubbard of RCB under Forestview, 86' North of CL Maple. Elevation 135.58

Scale 1" = 100'

LS-954
KANSAS
NO. 100
4-29-97

Sheet No. 1 of 2

14-08-03-11