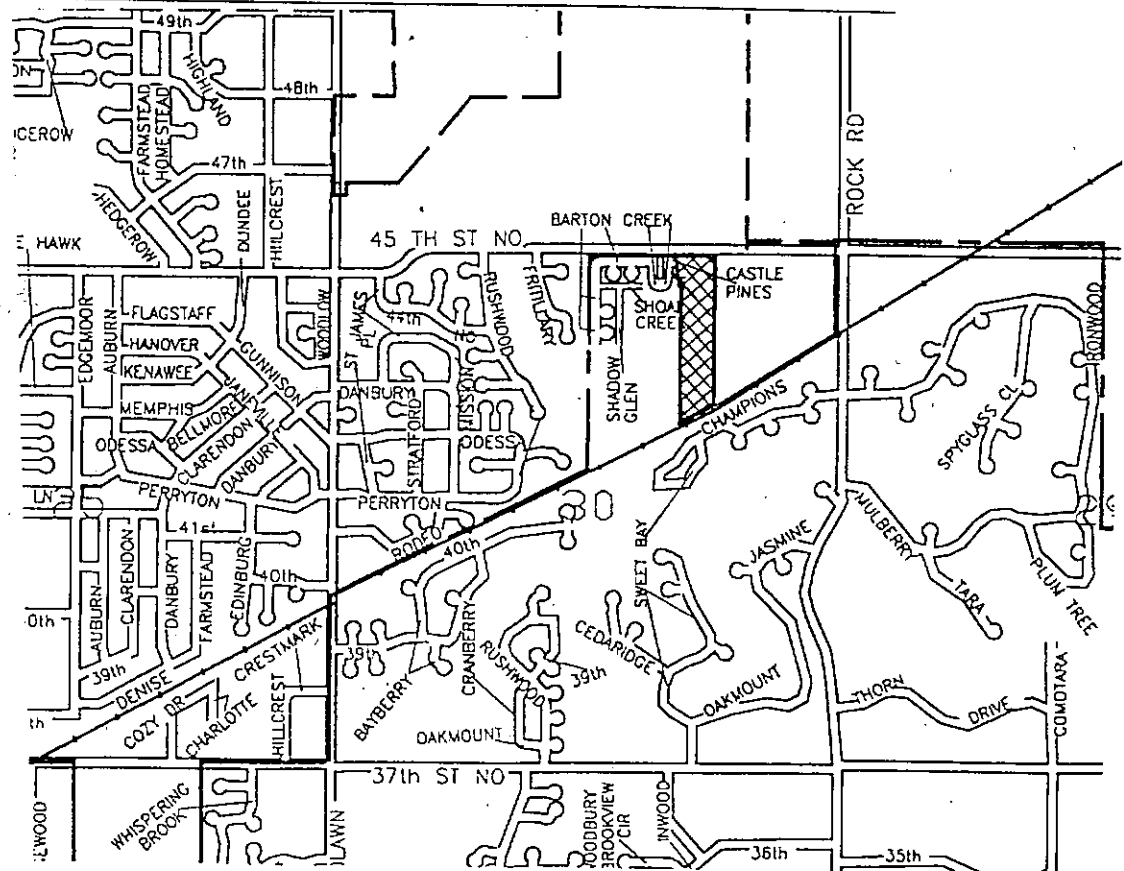


AGENDA ITEM NO. 6
May 20, 1999

(Final Plat, Overall Preliminary Plat Approved 3/6/97)

VICINITY MAP



Note: An overall preliminary plat - Willowbend North Addition - was approved for this site on March 6, 1997. The final plats for the first and second phases have previously been approved. This third phase is similar to the overall preliminary plat in regards to street layout; as access to the lots is by a narrow 32-foot public street, in addition to narrow driveway-type reserves. This phase includes 21 less lots than the overall preliminary plat indicated for this phase. In addition, the lots for this plat are 8,000 sq. ft., larger than the 6,000 sq. ft. lots denoted in the preliminary plat.

STAFF COMMENTS:

- A. The Applicant shall guarantee the extension of sanitary sewer and City water to serve the lots being platted.
- B. If improvements are guaranteed by petition, a notarized certificate listing the petitions shall be submitted to the Planning department for recording.
- C. City Engineering needs to comment on the status of the applicant's drainage plan. If any of this site's drainage is directed onto the adjacent railroad right-of-way, a letter shall be provided indicating their willingness to accept such drainage.
- D. The applicant shall guarantee the paving of the proposed interior streets. For the narrow public 32-foot streets, this guarantee shall be for the 29-foot paving standard. For the Reserves being platted for private streets, improvements shall be guaranteed for construction to a public street standard; however as private improvements, guarantees cannot be provided through the use of petitions.
- E. Provisions shall be made for ownership and maintenance of the proposed reserves. The applicant shall either form a lot owners' association prior to recording the plat or shall submit a covenant stating when the association will be formed, when the reserves will be deeded to the association and who is to own and maintain the reserves prior to the association taking over those responsibilities.
- F. For those reserves being platted for drainage purposes, the required covenant which provides for ownership and maintenance of the reserves shall grant, to the City, the authority to maintain the drainage reserves in the event the owner(s) fail to do so. The covenant shall provide for the cost of such maintenance to be charged back to the owner(s) by the governing body.
- G. The applicant shall submit a covenant which provides for four (4) off-street parking spaces per dwelling unit on each lot which abuts a 32-foot or private 20-foot street. The covenant shall inventory the affected lots by lot and block number and shall state that the covenant runs with the land and is binding on future owners and assigns.
- H. Since this plat proposes the platting of narrow street right-of-way with adjacent 15-foot street, drainage and utility easements, a restrictive covenant shall be submitted which calls out restrictions for lot owner use of these easements. Retaining walls and change of grade shall be prohibited within these easements as well as fences, earth berms and mass plantings.

- I. City Fire shall comment on the street names.
- J. A bearing and distance for Lot 2, Block 1 needs to be added to the legal description. The bearings along the west line of the plat need to be revised to be consistent with the legal description.
- K. The Parks and Pathways Plan has indicated that a recreation corridor should be provided along the southern portion of this plat. The Applicant should contact the Planning Department's Land Use staff to discuss issues involving the dedication of public access easements.
- L. The applicant is reminded that a platting binder is required with the final plat. Approval of this plat will be subject to submittal of this binder and any relevant conditions found by such a review.
- M. The platlor's text shall include language that a drainage plan has been developed for the plat and that all drainage easements, rights-of-way, or reserves shall remain at established grades or as modified with the approval of the applicable City or County Engineer, and unobstructed to allow for the conveyance of stormwater.
- N. The applicant shall install or guarantee the installation of all utilities and facilities which are applicable and described in Article 8 of the MAPC Subdivision Regulations. (Water service and fire hydrants required by Article 8 for fire protection shall be as per the direction and approval of the Chief of the Fire Department.)
- O. The applicant's engineer is advised that the Register of Deeds is requiring the name(s) of the notary public, who acknowledges the signatures on this plat, to be printed beneath the notary's signature.
- P. To receive mail delivery without delay, and to avoid unnecessary expense, the applicant is advised of the necessity to meet with the U.S. Postal Service Growth Management Coordinator (phone 316-729-0102) prior to development of the plat so that the type of delivery, and the tentative mailbox locations can be determined.
- Q. The applicant is advised that various State and Federal requirements [specifically but not limited to the Army Corps of Engineers, Kanopolis Project Office, Rt. 1, Box 317, Valley Center, KS 67147] for the control of soil and wind erosion and the protection of wetlands may impact how this site can be developed. It is the applicant's responsibility to contact all appropriate agencies to determine any such requirements.
- R. The owner of the subdivision should be aware of the fact that the development of any subdivision greater than five (5) acres in size may require an NPDES Storm Water Discharge Permit from the Kansas Department of Health and Environment in Topeka. Further, on all construction sites, the City of Wichita requires that best management practices be used to reduce pollutant loadings in storm water runoffs.
- S. Perimeter closure computations shall be submitted with the final plat tracing.

- T. Recording of the plat within thirty (30) days after approval by the City Council and/or County Commission.
- U. The representatives from the utility companies should be prepared to comment on the need for any additional utility easements to be platted on this property.
- V. The applicant is reminded that a disk shall be submitted with the final plat tracing to the Planning Department detailing this plat in digital format in Release 13 version of AutoCAD. This will be used by the City and County GIS Department.

**

*Job 96 82 9682 WILLOBEND NORTH

*Willowbend North Estates Addition FINAL PLAT

*

AREA BEARINGS 509*NE. 1/4 SEC. 30 T26S R2E BOUNDARY
 AREA = 7080819.0788 (ACRES = 162.5532)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
538			13028.5200	486.2561
	N 88 55 28.987 E	2645.2224		
719			13078.1605	3131.0127
	S 00 48 46.994 E	2681.6300		
720			10396.8005	3169.0650
	S 89 09 00.000 W	2646.0500		
539			10357.5470	523.3062
	N 00 47 40.995 W	2671.2300		
538			13028.5200	486.2561

510*PLAT BOUNDARY

AREA = 600424.2837 (ACRES = 13.7838)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
542			12947.4191	1227.6575
	N 88 55 29.017 E	556.0335		
715			12957.8536	1783.5931
	S 00 48 13.991 E	1501.5750		
718			11456.4264	1804.6602
	S 61 30 24.988 W	482.8454		
550			11226.0839	1380.2995
	N 10 21 54.918 E	349.2862		
557			11569.6700	1443.1440
	N 03 25 44.288 E	346.2736		
571			11915.3237	1463.8550
	N 00 48 13.985 W	684.8123		
560			12600.0686	1454.2471
	N 89 11 46.005 E	30.0000		
577			12600.4895	1484.2441
	N 00 48 13.982 W	113.5000		
575			12713.9783	1482.6517

	S 89 11 45.988 W	137.1693		
549			12712.0538	1345.4959
	N 00 47 40.981 W	20.0000		
548			12732.0519	1345.2185
	S 89 11 46.018 W	113.5000		
544			12730.4595	1231.7297
	N 01 04 31.011 W	216.9978		
542			12947.4191	1227.6575

DESCRIBE FIGURE BEARINGS 511*CL OF CASTLE PINES STREET

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
541			12930.7838	1193.9637
	N 88 55 29.001 E	418.9964		
645			12938.6467	1612.8863
	N 88 55 29.041 E	99.7238		
674			12940.5181	1712.5925
	S 01 04 30.992 E	50.0000(RADIAL)		
675		CURVE CENTER	12890.5269	1713.5308
	N 89 11 46.011 E	50.0000(RADIAL)		
704			12891.2284	1763.5259
	S 00 48 13.989 E	1098.8102		
712			11792.5264	1778.9422
	S 00 48 14.086 E	70.4253		
714			11722.1080	1779.9303
	S 89 11 45.969 W	500.0000(RADIAL)		
545		CURVE CENTER	11715.0929	1279.9795
	S 79 38 05.096 E	500.0000(RADIAL)		
709			11625.1316	1771.8199
	S 10 21 55.030 W	120.7665		
692			11506.3359	1750.0912
	N 79 38 05.188 W	50.0000(RADIAL)		
671		CURVE CENTER	11515.3320	1700.9072
	S 10 21 54.812 W	50.0000(RADIAL)		
669			11466.1480	1691.9111
	N 79 38 05.122 W	144.0065		
583			11492.0580	1550.2547

CIRCULAR CURVE 674 675 704 R
 CENTRAL ANGLE = 90 16 17.003
 CHORD DIRECTION = S 45 56 22.524 E
 RADIUS = 50.0000
 LENGTH = 78.7767
 TANGENT = 50.2374
 CHORD = 70.8780
 EXTERNAL = 20.8787

MIDDLE ORDINATE = 14.7285

CIRCULAR CURVE 714 545 709 R
 CENTRAL ANGLE = 11 10 08.936
 CHORD DIRECTION = S 04 46 50.435 W
 RADIUS = 500.0000
 LENGTH = 97.4692
 TANGENT = 48.8895
 CHORD = 97.3150
 EXTERNAL = 2.3845
 MIDDLE ORDINATE = 2.3732

CIRCULAR CURVE 692 671 669 R
 CENTRAL ANGLE = 90 00 00.000
 CHORD DIRECTION = S 55 21 54.812 W
 RADIUS = 50.0000
 LENGTH = 78.5397
 TANGENT = 50.0000
 CHORD = 70.7106
 EXTERNAL = 20.7107
 MIDDLE ORDINATE = 14.6446

512*CL OF CASTLE PINES BRANCH A

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
606			12424.8231	1576.0465
	N 88 55 28.934 E	194.0068		
708			12428.4639	1770.0191

513*CL OF CASTLE PINES BRANCH B

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
608			12106.8544	1580.5081
	N 88 55 29.040 E	194.0068		
710			12110.4951	1774.4807

514*CL OF CASTLE PINES BRANCH C

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
613			11788.8857	1584.9696

N 88 55 29.040 E 194.0068
 712 11792.5264 1778.9422

515*CL OF CHERRY HILL CIR.

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
585			11490.9785	1556.1568
	S 10 21 54.916 W	115.8164		
581			11377.0521	1535.3188

516*CL OF CHERRY HILL PRIVATE ST

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
645			12938.6467	1612.8863
	S 00 48 14.007 E	245.3871		
650			12693.2838	1616.3291
	S 89 11 46.010 W	200.0000(RADIAL)		
554		CURVE CENTER	12690.4778	1416.3488
	S 63 39 46.701 E	200.0000(RADIAL)		
627			12601.7477	1595.5888
	S 63 39 46.563 E	200.0000(RADIAL)		
711		CURVE CENTER	12513.0175	1774.8287
	S 89 11 46.010 W	200.0000(RADIAL)		
603			12510.2115	1574.8484
	S 00 48 13.996 E	770.2549		
616			11740.0324	1585.6551
	S 88 59 17.256 W	500.0000(RADIAL)		
540		CURVE CENTER	11731.2026	1085.7331
	S 78 59 31.505 E	500.0000(RADIAL)		
607			11635.7303	1576.5335
	S 10 21 54.985 W	146.0558		
583			11492.0580	1550.2547

CIRCULAR CURVE 650 554 627 R
 CENTRAL ANGLE = 27 08 27.289
 CHORD DIRECTION = S 12 45 59.578 W
 RADIUS = 200.0000
 LENGTH = 94.7397
 TANGENT = 48.2759
 CHORD = 93.8564
 EXTERNAL = 5.7439
 MIDDLE ORDINATE = 5.5836

CIRCULAR CURVE 627 711 603 L
 CENTRAL ANGLE = 27 08 27.428
 CHORD DIRECTION = S 12 45 59.744 W
 RADIUS = 200.0000
 LENGTH = 94.7398
 TANGENT = 48.2760
 CHORD = 93.8565
 EXTERNAL = 5.7440
 MIDDLE ORDINATE = 5.5836

CIRCULAR CURVE 616 540 607 R
 CENTRAL ANGLE = 12 01 11.238
 CHORD DIRECTION = S 04 59 52.834 W
 RADIUS = 500.0000
 LENGTH = 104.8924
 TANGENT = 52.6394
 CHORD = 104.7002
 EXTERNAL = 2.7633
 MIDDLE ORDINATE = 2.7481

AREA BEARINGS 518*RESERVE A

AREA = 29513.1452 (ACRES = .6775)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
673			12956.5153	1712.2922
	N 88 55 28.916 E	71.3135		
715			12957.8536	1783.5931
	S 00 48 13.991 E	1501.5750		
718			11456.4264	1804.6602
	S 61 30 24.927 W	274.4079		
588			11325.5194	1563.4900
	N 28 29 35.170 W	21.7303		
584			11344.6176	1553.1235
	N 28 45 51.436 W	37.0001(RADIAL)		
581		CURVE CENTER	11377.0521	1535.3188
	N 35 59 14.027 E	37.0000(RADIAL)		
586			11406.9906	1557.0602
	N 10 21 55.118 E	46.4547		
590			11452.6872	1565.4185
	S 79 38 04.579 E	20.0000(RADIAL)		
614		CURVE CENTER	11449.0887	1585.0921
	N 10 21 55.235 E	20.0001(RADIAL)		
622			11468.7624	1588.6906
	S 79 38 04.996 E	102.0064		
668			11450.4091	1689.0323
	N 10 21 54.949 E	66.0000(RADIAL)		

671		CURVE CENTER	11515.3320	1700.9072
	S 79 38 05.051 E	66.0000(RADIAL)		
707			11503.4571	1765.8301
	N 10 21 55.030 E	120.7665		
716			11622.2528	1787.5588
	N 79 38 05.081 W	516.0000(RADIAL)		
545		CURVE CENTER	11715.0929	1279.9795
	N 89 11 46.002 E	516.0000(RADIAL)		
717			11722.3324	1795.9287
	N 00 48 13.995 W	1169.2356		
713			12891.4529	1779.5243
	S 89 11 45.947 W	66.0000(RADIAL)		
675		CURVE CENTER	12890.5269	1713.5308
	N 01 04 31.129 W	66.0000(RADIAL)		
673			12956.5153	1712.2922

CIRCULAR CURVE 584 581 586 L
 CENTRAL ANGLE = 115 14 54.537
 CHORD DIRECTION = N 03 36 41.251 E
 RADIUS = 37.0001
 LENGTH = 74.4243
 TANGENT = 58.3573
 CHORD = 62.4971
 EXTERNAL = 32.0983
 MIDDLE ORDINATE = 17.1877

CIRCULAR CURVE 590 614 622 R
 CENTRAL ANGLE = 89 59 59.814
 CHORD DIRECTION = N 55 21 54.821 E
 RADIUS = 20.0000
 LENGTH = 31.4159
 TANGENT = 20.0000
 CHORD = 28.2842
 EXTERNAL = 8.2843
 MIDDLE ORDINATE = 5.8579

CIRCULAR CURVE 668 671 707 L
 CENTRAL ANGLE = 90 00 00.000
 CHORD DIRECTION = N 55 21 54.949 E
 RADIUS = 66.0000
 LENGTH = 103.6725
 TANGENT = 66.0000
 CHORD = 93.3381
 EXTERNAL = 27.3381
 MIDDLE ORDINATE = 19.3309

CIRCULAR CURVE 716 545 717 L
 CENTRAL ANGLE = 11 10 08.917
 CHORD DIRECTION = N 04 46 50.376 E

RADIUS = 516.0000
 LENGTH = 100.5882
 TANGENT = 50.4540
 CHORD = 100.4290
 EXTERNAL = 2.4608
 MIDDLE ORDINATE = 2.4491

CIRCULAR CURVE 713 675 673 L
 CENTRAL ANGLE = 90 16 17.076
 CHORD DIRECTION = N 45 56 22.549 W
 RADIUS = 66.0000
 LENGTH = 103.9852
 TANGENT = 66.3134
 CHORD = 93.5589
 EXTERNAL = 27.5600
 MIDDLE ORDINATE = 19.4416

560*RESERVE B

AREA = 141092.4186 (ACRES = 3.2390)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
631			12902.3675	1603.3944
	N 88 31 03.706 E	20.0014		
651			12902.8849	1623.3891
	S 00 48 14.065 E	209.4814		
655			12693.4241	1626.3282
	S 89 11 46.011 W	210.0001(RADIAL)		
554		CURVE CENTER	12690.4778	1416.3488
	S 63 39 46.705 E	210.0000(RADIAL)		
633			12597.3112	1604.5508
	S 63 39 46.551 E	190.0000(RADIAL)		
711		CURVE CENTER	12513.0175	1774.8287
	S 89 11 46.010 W	190.0000(RADIAL)		
612			12510.3518	1584.8474
	S 00 48 14.023 E	770.2549		
629			11740.1727	1595.6542
	S 88 59 31.938 W	510.0000(RADIAL)		
540		CURVE CENTER	11731.2026	1085.7331
	S 78 59 54.311 E	510.0000(RADIAL)		
618			11633.8762	1586.3603
	S 10 21 54.926 W	110.0000		
592			11525.6713	1566.5688
	N 79 38 05.779 W	20.0001		
582			11529.2697	1546.8951
	N 10 21 54.939 E	110.1123		
593			11637.5850	1566.7068

	N 78 59 08.024 W	490.0000(RADIAL)	
540		CURVE CENTER	11731.2026 1085.7331
	N 88 59 17.258 E	490.0000(RADIAL)	
605			11739.8558 1575.6567
	N 00 48 14.021 W	770.2912	
589			12510.0712 1564.8494
	N 89 11 46.009 E	210.0000(RADIAL)	
711		CURVE CENTER	12513.0175 1774.8287
	N 63 39 46.574 W	210.0000(RADIAL)	
619			12606.1842 1586.6268
	N 63 39 46.696 W	190.0000(RADIAL)	
554		CURVE CENTER	12690.4778 1416.3488
	N 89 11 46.010 E	190.0000(RADIAL)	
638			12693.1435 1606.3301
	N 00 48 13.989 W	209.2446	
631			12902.3675 1603.3944

CIRCULAR CURVE 655 554 633 R
 CENTRAL ANGLE = 27 08 27.284
 CHORD DIRECTION = S 12 45 59.754 W
 RADIUS = 210.0001
 LENGTH = 99.4767
 TANGENT = 50.6898
 CHORD = 98.5492
 EXTERNAL = 6.0311
 MIDDLE ORDINATE = 5.8628

CIRCULAR CURVE 633 711 612 L
 CENTRAL ANGLE = 27 08 27.439
 CHORD DIRECTION = S 12 45 59.784 W
 RADIUS = 190.0000
 LENGTH = 90.0028
 TANGENT = 45.8622
 CHORD = 89.1637
 EXTERNAL = 5.4568
 MIDDLE ORDINATE = 5.3044

CIRCULAR CURVE 629 540 618 R
 CENTRAL ANGLE = 12 00 33.751
 CHORD DIRECTION = S 04 59 48.756 W
 RADIUS = 510.0000
 LENGTH = 106.8976
 TANGENT = 53.6453
 CHORD = 106.7020
 EXTERNAL = 2.8136
 MIDDLE ORDINATE = 2.7982

CIRCULAR CURVE 593 540 605 L
 CENTRAL ANGLE = 12 01 34.717

CHORD DIRECTION = N 05 00 04.732 E
 RADIUS = 490.0000
 LENGTH = 102.8504
 TANGENT = 51.6148
 CHORD = 102.6617
 EXTERNAL = 2.7110
 MIDDLE ORDINATE = 2.6960

CIRCULAR CURVE 589 711 619 R
 CENTRAL ANGLE = 27 08 27.417
 CHORD DIRECTION = N 12 45 59.708 E
 RADIUS = 210.0000
 LENGTH = 99.4768
 TANGENT = 50.6898
 CHORD = 98.5493
 EXTERNAL = 6.0311
 MIDDLE ORDINATE = 5.8628

CIRCULAR CURVE 619 554 638 R
 CENTRAL ANGLE = 332 51 32.706
 CHORD DIRECTION = N 12 45 59.610 E
 RADIUS = 190.0000
 LENGTH = 1103.8027
 TANGENT = *****
 CHORD = 89.1636
 EXTERNAL = *****
 MIDDLE ORDINATE = 374.6956

519*LOT 1 1

AREA = 15576.1965 (ACRES = .3576)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
543			12915.4247	1228.2580
	N 88 55 28.946 E	84.5452		
546			12917.0113	1312.7883
	S 00 48 13.980 E	185.3962		
547			12731.6333	1315.3894
	S 89 11 46.161 W	83.6679		
544			12730.4595	1231.7297
	N 01 04 31.028 W	184.9978		
543			12915.4247	1228.2580

520*LOT 1 2

AREA = 16570.2987 (ACRES = .3804)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
546			12917.0113	1312.7883
	N 88 55 29.158 E	83.5000		
551			12918.5782	1396.2736
	S 00 48 14.033 E	205.7917		
552			12712.8068	1399.1609
	S 89 11 45.987 W	53.6703		
549			12712.0538	1345.4959
	N 00 47 40.981 W	20.0000		
548			12732.0519	1345.2185
	S 89 11 45.619 W	29.8320		
547			12731.6333	1315.3894
	N 00 48 13.980 W	185.3962		
546			12917.0113	1312.7883

521*LOT 1 3

AREA = 17199.9199 (ACRES = .3949)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
551			12918.5782	1396.2736
	N 88 55 28.911 E	83.5000		
572			12920.1452	1479.7589
	S 00 48 13.984 E	206.1872		
575			12713.9783	1482.6517
	S 89 11 45.988 W	83.4990		
552			12712.8068	1399.1609
	N 00 48 14.033 W	205.7917		
551			12918.5782	1396.2736

522*LOT 1 4

AREA = 11263.6117 (ACRES = .2586)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
572			12920.1452	1479.7589
	N 88 55 28.927 E	103.2804		
610			12922.0834	1583.0211
	S 01 04 30.782 E	20.0000(RADIAL)		
611		CURVE CENTER	12902.0869	1583.3964
	N 89 11 46.005 E	20.0000(RADIAL)		
631			12902.3675	1603.3944
	S 00 48 13.909 E	71.9051		

632			12830.4695	1604.4032
	S 88 55 28.940 W	123.3752		
573			12828.1542	1481.0497
	N 00 48 14.078 W	92.0001		
572			12920.1452	1479.7589

CIRCULAR CURVE 610 611 631 R
 CENTRAL ANGLE = 90 16 16.787
 CHORD DIRECTION = S 45 56 22.116 E
 RADIUS = 20.0000
 LENGTH = 31.5107
 TANGENT = 20.0950
 CHORD = 28.3512
 EXTERNAL = 8.3515
 MIDDLE ORDINATE = 5.8914

523*LOT 1 5

AREA = 10116.6556 (ACRES = .2322)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
573			12828.1542	1481.0497
	N 88 55 28.940 E	123.3752		
632			12830.4695	1604.4032
	S 00 48 14.092 E	82.0000		
636			12748.4776	1605.5537
	S 88 55 28.943 W	123.3753		
574			12746.1623	1482.2001
	N 00 48 13.840 W	82.0000		
573			12828.1542	1481.0497

524*LOT 1 6

AREA = 10094.2271 (ACRES = .2317)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
574			12746.1623	1482.2001
	N 88 55 28.943 E	123.3753		
636			12748.4776	1605.5537
	S 00 48 13.939 E	55.3395		
638			12693.1435	1606.3301
	S 89 11 46.010 W	190.0000(RADIAL)		
554		CURVE CENTER	12690.4778	1416.3488
	S 82 44 57.602 E	190.0000(RADIAL)		
634			12666.4978	1604.8295

S 88 55 29.156 W 121.5010
 576 12664.2178 1483.3499
 N 00 48 14.004 W 81.9526
 574 12746.1623 1482.2001

CIRCULAR CURVE 638 554 634 R
 CENTRAL ANGLE = 8 03 16.388
 CHORD DIRECTION = S 03 13 23.912 W
 RADIUS = 190.0000
 LENGTH = 26.7099
 TANGENT = 13.3770
 CHORD = 26.6879
 EXTERNAL = .4703
 MIDDLE ORDINATE = .4692

525*LOT 1 7

AREA = 8464.3483 (ACRES = .1943)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
576			12664.2178	1483.3499
	N 88 55 29.156 E	121.5010		
634			12666.4978	1604.8295
	N 82 44 57.602 W	190.0000(RADIAL)		
554		CURVE CENTER	12690.4778	1416.3488
	S 63 39 46.696 E	190.0000(RADIAL)		
619			12606.1842	1586.6268
	S 63 39 46.574 E	210.0000(RADIAL)		
711		CURVE CENTER	12513.0175	1774.8287
	N 72 15 03.507 W	210.0000(RADIAL)		
602			12577.0356	1574.8245
	N 75 28 59.781 W	93.5676		
577			12600.4895	1484.2441
	N 00 48 14.003 W	63.7346		
576			12664.2178	1483.3499

CIRCULAR CURVE 634 554 619 R
 CENTRAL ANGLE = 19 05 10.906
 CHORD DIRECTION = S 16 47 37.905 W
 RADIUS = 190.0000
 LENGTH = 63.2928
 TANGENT = 31.9423
 CHORD = 63.0005
 EXTERNAL = 2.6663
 MIDDLE ORDINATE = 2.6294

CIRCULAR CURVE 619 711 602 L

CENTRAL ANGLE = 8 35 16.933
 CHORD DIRECTION = S 22 02 35.084 W
 RADIUS = 210.0000
 LENGTH = 31.4768
 TANGENT = 15.7679
 CHORD = 31.4473
 EXTERNAL = .5911
 MIDDLE ORDINATE = .5895

526*LOT 1 8

AREA = 9431.0897 (ACRES = .2165)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
560			12600.0686	1454.2471
	N 89 11 46.005 E	30.0000		
577			12600.4895	1484.2441
	S 75 28 59.781 E	93.5676		
602			12577.0356	1574.8245
	S 72 15 03.507 E	210.0000(RADIAL)		
711		CURVE CENTER	12513.0175	1774.8287
	S 89 11 46.009 W	210.0000(RADIAL)		
589			12510.0712	1564.8494
	S 88 55 28.981 W	109.3300		
562			12508.0195	1455.5387
	N 00 48 14.044 W	92.0582		
560			12600.0686	1454.2471

CIRCULAR CURVE 602 711 589 L
 CENTRAL ANGLE = 18 33 10.483
 CHORD DIRECTION = S 08 28 21.179 W
 RADIUS = 210.0000
 LENGTH = 68.0000
 TANGENT = 34.3002
 CHORD = 67.7033
 EXTERNAL = 2.7828
 MIDDLE ORDINATE = 2.7464

527*LOT 1 9

AREA = 8964.9565 (ACRES = .2058)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
562			12508.0195	1455.5387
	N 88 55 28.981 E	109.3300		

589			12510.0712	1564.8494
	S 00 48 14.092 E	82.0000		
591			12428.0793	1565.9999
	S 88 55 28.984 W	109.3301		
563			12426.0276	1456.6891
	N 00 48 13.840 W	82.0000		
562			12508.0195	1455.5387

528*LOT 1 10

AREA = 8964.9565 (ACRES = .2058)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
563			12426.0276	1456.6891
	N 88 55 28.984 E	109.3301		
591			12428.0793	1565.9999
	S 00 48 13.840 E	82.0000		
594			12346.0874	1567.1503
	S 88 55 28.981 W	109.3300		
564			12344.0357	1457.8396
	N 00 48 14.092 W	82.0000		
563			12426.0276	1456.6891

529*LOT 1 11

AREA = 8964.9674 (ACRES = .2058)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
564			12344.0357	1457.8396
	N 88 55 28.981 E	109.3300		
594			12346.0874	1567.1503
	S 00 48 14.088 E	82.0001		
595			12264.0954	1568.3008
	S 88 55 28.984 W	109.3301		
565			12262.0437	1458.9900
	N 00 48 13.837 W	82.0001		
564			12344.0357	1457.8396

530*LOT 1 12

AREA = 8964.9607 (ACRES = .2058)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
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565			12262.0437	1458.9900
	N 88 55 28.984 E	109.3301		
595			12264.0954	1568.3008
	S 00 48 14.092 E	82.0000		
596			12182.1035	1569.4513
	S 88 55 28.984 W	109.3301		
567			12180.0518	1460.1405
	N 00 48 14.092 W	82.0000		
565			12262.0437	1458.9900

531*LOT 1 13

AREA = 8964.9565 (ACRES = .2058)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
567			12180.0518	1460.1405
	N 88 55 28.984 E	109.3301		
596			12182.1035	1569.4513
	S 00 48 13.840 E	82.0000		
597			12100.1116	1570.6017
	S 88 55 28.981 W	109.3300		
568			12098.0599	1461.2910
	N 00 48 14.092 W	82.0000		
567			12180.0518	1460.1405

532*LOT 1 14

AREA = 8964.9674 (ACRES = .2058)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
568			12098.0599	1461.2910
	N 88 55 28.981 E	109.3300		
597			12100.1116	1570.6017
	S 00 48 14.088 E	82.0001		
598			12018.1196	1571.7522
	S 88 55 28.984 W	109.3301		
569			12016.0679	1462.4414
	N 00 48 13.837 W	82.0001		
568			12098.0599	1461.2910

533*LOT 1 15

AREA = 8964.9565 (ACRES = .2058)

POINT	BEARING	DISTANCE	NORTH	EAST
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			COORDINATE	COORDINATE
569			12016.0679	1462.4414
	N 88 55 28.984 E	109.3301		
598			12018.1196	1571.7522
	S 00 48 13.840 E	82.0000		
599			11936.1277	1572.9026
	S 88 55 28.981 W	109.3300		
570			11934.0760	1463.5919
	N 00 48 14.092 W	82.0000		
569			12016.0679	1462.4414

534*LOT 1 16

AREA = 9113.0347 (ACRES = .2092)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
570			11934.0760	1463.5919
	N 88 55 28.981 E	109.3300		
599			11936.1277	1572.9026
	S 00 48 14.092 E	82.0000		
601			11854.1358	1574.0531
	S 88 55 28.939 W	114.0127		
566			11851.9962	1460.0605
	N 03 25 44.355 E	63.4411		
571			11915.3237	1463.8550
	N 00 48 13.763 W	18.7541		
570			11934.0760	1463.5919

535*LOT 1 17

AREA = 9597.8563 (ACRES = .2203)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
566			11851.9962	1460.0605
	N 88 55 28.939 E	114.0127		
601			11854.1358	1574.0531
	S 00 48 14.088 E	82.0001		
604			11772.1438	1575.2036
	S 88 55 28.996 W	120.0838		
561			11769.8903	1455.1409
	N 03 25 44.163 E	82.2532		
566			11851.9962	1460.0605

536*LOT 1 18

AREA = 9269.5084 (ACRES = .2128)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
561			11769.8903	1455.1409
	N 88 55 28.996 E	120.0838		
604			11772.1438	1575.2036
	S 00 48 14.340 E	32.2912		
605			11739.8558	1575.6567
	S 88 59 17.258 W	490.0000(RADIAL)		
540		CURVE CENTER	11731.2026	1085.7331
	S 85 11 40.543 E	490.0000(RADIAL)		
600			11690.1544	1574.0107
	N 85 11 40.577 W	123.4618		
559			11700.4970	1450.9829
	N 03 25 44.489 E	69.5178		
561			11769.8903	1455.1409

CIRCULAR CURVE 605 540 600 R
 CENTRAL ANGLE = 5 49 02.199
 CHORD DIRECTION = S 01 53 48.537 W
 RADIUS = 490.0000
 LENGTH = 49.7500
 TANGENT = 24.8964
 CHORD = 49.7287
 EXTERNAL = .6321
 MIDDLE ORDINATE = .6313

537*LOT 1 19

AREA = 9093.9277 (ACRES = .2088)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
559			11700.4970	1450.9829
	S 85 11 40.577 E	123.4618		
600			11690.1544	1574.0107
	N 85 11 40.543 W	490.0000(RADIAL)		
540		CURVE CENTER	11731.2026	1085.7331
	S 78 59 08.024 E	490.0000(RADIAL)		
593			11637.5850	1566.7068
	S 10 21 54.801 W	28.1122		
587			11609.9316	1561.6488
	N 79 38 05.064 W	116.7390		
558			11630.9356	1446.8149
	N 03 25 44.275 E	69.6862		

559 11700.4970 1450.9829

CIRCULAR CURVE 600 540 593 R
 CENTRAL ANGLE = 6 12 32.519
 CHORD DIRECTION = S 07 54 35.773 W
 RADIUS = 490.0000
 LENGTH = 53.1004
 TANGENT = 26.5762
 CHORD = 53.0744
 EXTERNAL = .7202
 MIDDLE ORDINATE = .7191

538*LOT 1 20

AREA = 9190.6109 (ACRES = .2110)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
558			11630.9356	1446.8149
	S 79 38 05.064 E	116.7390		
587			11609.9316	1561.6488
	S 10 21 54.986 W	82.0001		
582			11529.2697	1546.8951
	N 79 38 05.068 W	109.3269		
556			11548.9401	1439.3523
	N 10 21 55.345 E	21.0738		
557			11569.6700	1443.1440
	N 03 25 44.175 E	61.3755		
558			11630.9356	1446.8149

539*LOT 1 21

AREA = 8964.8050 (ACRES = .2058)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
556			11548.9401	1439.3523
	S 79 38 05.068 E	109.3269		
582			11529.2697	1546.8951
	S 10 21 54.784 W	82.0000		
580			11448.6079	1532.1415
	N 79 38 05.068 W	109.3269		
555			11468.2783	1424.5987
	N 10 21 54.784 E	82.0000		
556			11548.9401	1439.3523

540*LOT 1 22

AREA = 8103.6542 (ACRES = .1860)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
555			11468.2783	1424.5987
	S 79 38 05.068 E	109.3269		
580			11448.6079	1532.1415
	S 10 21 55.313 W	36.4547		
579			11412.7481	1525.5824
	S 15 15 24.490 E	37.0000(RADIAL)		
581		CURVE CENTER	11377.0521	1535.3188
	N 87 21 36.184 W	37.0000(RADIAL)		
578			11378.7563	1498.3581
	N 87 21 35.878 W	89.4749		
553			11382.8776	1408.9782
	N 10 21 55.071 E	86.8175		
555			11468.2783	1424.5987

CIRCULAR CURVE 579 581 578 L
 CENTRAL ANGLE = 72 06 11.694
 CHORD DIRECTION = S 38 41 29.443 W
 RADIUS = 37.0000
 LENGTH = 46.5623
 TANGENT = 26.9331
 CHORD = 43.5501
 EXTERNAL = 8.7645
 MIDDLE ORDINATE = 7.0860

541*LOT 1 22

AREA = 14660.5080 (ACRES = .3366)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
553			11382.8776	1408.9782
	S 87 21 35.878 E	89.4749		
578			11378.7563	1498.3581
	S 87 21 36.184 E	37.0000(RADIAL)		
581		CURVE CENTER	11377.0521	1535.3188
	S 28 45 51.436 E	37.0001(RADIAL)		
584			11344.6176	1553.1235
	S 28 29 35.170 E	21.7303		
588			11325.5194	1563.4900
	S 61 30 25.069 W	208.4375		
550			11226.0839	1380.2995
	N 10 21 54.848 E	159.3949		

553 11382.8776 1408.9782

CIRCULAR CURVE 578 581 584 L
 CENTRAL ANGLE = 121 24 15.252
 CHORD DIRECTION = S 58 03 43.673 E
 RADIUS = 37.0000
 LENGTH = 78.3994
 TANGENT = 65.9389
 CHORD = 64.5344
 EXTERNAL = 38.6104
 MIDDLE ORDINATE = 18.8940

542*LOT 2 1

AREA = 11070.2114 (ACRES = .2541)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
656			12923.1620	1643.0118
	N 88 55 29.208 E	68.1001		
672			12924.4399	1711.0999
	S 04 05 59.915 E	34.0000(RADIAL)		
675		CURVE CENTER	12890.5269	1713.5308
	N 89 11 46.127 E	33.9999(RADIAL)		
689			12891.0039	1747.5274
	S 00 48 14.207 E	57.8859		
690			12833.1237	1748.3396
	S 88 55 29.089 W	123.9608		
652			12830.7975	1624.4006
	N 00 48 14.031 W	72.0945		
651			12902.8849	1623.3891
	N 89 11 46.005 E	20.0000(RADIAL)		
658		CURVE CENTER	12903.1655	1643.3871
	N 01 04 30.782 W	20.0000(RADIAL)		
656			12923.1620	1643.0118

CIRCULAR CURVE 672 675 689 R
 CENTRAL ANGLE = 93 17 46.041
 CHORD DIRECTION = S 47 27 06.705 E
 RADIUS = 34.0000
 LENGTH = 55.3631
 TANGENT = 36.0145
 CHORD = 49.4463
 EXTERNAL = 15.5282
 MIDDLE ORDINATE = 10.6598

CIRCULAR CURVE 651 658 656 R
 CENTRAL ANGLE = 89 43 43.213

CHORD DIRECTION = N 44 03 37.337 E
 RADIUS = 20.0000
 LENGTH = 31.3212
 TANGENT = 19.9055
 CHORD = 28.2172
 EXTERNAL = 8.2175
 MIDDLE ORDINATE = 5.8244

543*LOT 2 2

AREA = 10164.6724 (ACRES = .2333)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
652			12830.7975	1624.4006
	N 88 55 29.089 E	123.9608		
690			12833.1237	1748.3396
	S 00 48 13.840 E	82.0000		
691			12751.1318	1749.4900
	S 88 55 28.919 W	123.9607		
654			12748.8055	1625.5511
	N 00 48 14.088 W	82.0001		
652			12830.7975	1624.4006

544*LOT 2 3

AREA = 10179.6666 (ACRES = .2337)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
654			12748.8055	1625.5511
	N 88 55 28.919 E	123.9607		
691			12751.1318	1749.4900
	S 00 48 14.092 E	82.0000		
693			12669.1399	1750.6405
	S 88 55 28.913 W	125.6550		
653			12666.7818	1625.0076
	N 83 31 15.795 W	210.0000(RADIAL)		
554		CURVE CENTER	12690.4778	1416.3488
	N 89 11 46.011 E	210.0001(RADIAL)		
655			12693.4241	1626.3282
	N 00 48 14.074 W	55.3869		
654			12748.8055	1625.5511

CIRCULAR CURVE 653 554 655 L
 CENTRAL ANGLE = 7 16 58.194
 CHORD DIRECTION = N 02 50 15.730 E

RADIUS = 210.0000
 LENGTH = 26.6930
 TANGENT = 13.3645
 CHORD = 26.6750
 EXTERNAL = .4248
 MIDDLE ORDINATE = .4240

545*LOT 2 4

AREA = 11208.8943 (ACRES = .2573)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
653			12666.7818	1625.0076
	N 88 55 28.913 E	125.6550		
693			12669.1399	1750.6405
	S 00 48 14.088 E	82.0001		
695			12587.1479	1751.7910
	S 88 55 29.104 W	153.1212		
630			12584.2745	1598.6968
	S 67 58 24.284 E	190.0000(RADIAL)		
711		CURVE CENTER	12513.0175	1774.8287
	N 63 39 46.551 W	190.0000(RADIAL)		
633			12597.3112	1604.5508
	N 63 39 46.705 W	210.0000(RADIAL)		
554		CURVE CENTER	12690.4778	1416.3488
	S 83 31 15.795 E	210.0000(RADIAL)		
653			12666.7818	1625.0076

CIRCULAR CURVE 630 711 633 R
 CENTRAL ANGLE = 4 18 37.733
 CHORD DIRECTION = N 24 10 55.158 E
 RADIUS = 190.0000
 LENGTH = 14.2941
 TANGENT = 7.1504
 CHORD = 14.2907
 EXTERNAL = .1345
 MIDDLE ORDINATE = .1344

CIRCULAR CURVE 633 554 653 L
 CENTRAL ANGLE = 19 51 29.090
 CHORD DIRECTION = N 16 24 28.663 E
 RADIUS = 210.0000
 LENGTH = 72.7837
 TANGENT = 36.7606
 CHORD = 72.4199
 EXTERNAL = 3.1932
 MIDDLE ORDINATE = 3.1454

546*LOT 2 5

AREA = 8642.7957 (ACRES = .1984)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
630			12584.2745	1598.6968
	N 88 55 29.045 E	66.6211		
659			12585.5247	1665.3062
	N 14 30 25.191 W	326.9875		
611			12902.0869	1583.3964
	S 02 51 20.717 E	448.2586		
637			12454.3850	1605.7294
	N 01 04 30.782 W	20.0000(RADIAL)		
635		CURVE CENTER	12474.3815	1605.3541
	S 89 11 46.005 W	20.0000(RADIAL)		
615			12474.1009	1585.3561
	N 00 48 14.274 W	36.2545		
612			12510.3518	1584.8474
	N 89 11 46.010 E	190.0000(RADIAL)		
711		CURVE CENTER	12513.0175	1774.8287
	N 67 58 24.284 W	190.0000(RADIAL)		
630			12584.2745	1598.6968

CIRCULAR CURVE 637 635 615 R
 CENTRAL ANGLE = 90 16 16.787
 CHORD DIRECTION = N 45 56 22.116 W
 RADIUS = 20.0000
 LENGTH = 31.5107
 TANGENT = 20.0950
 CHORD = 28.3512
 EXTERNAL = 8.3515
 MIDDLE ORDINATE = 5.8914

CIRCULAR CURVE 612 711 630 R
 CENTRAL ANGLE = 22 49 49.707
 CHORD DIRECTION = N 10 36 40.821 E
 RADIUS = 190.0000
 LENGTH = 75.7087
 TANGENT = 38.3633
 CHORD = 75.2088
 EXTERNAL = 3.8343
 MIDDLE ORDINATE = 3.7585

547*LOT 2 6

AREA = 11159.9759 (ACRES = .2562)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
659			12585.5247	1665.3062
	N 88 55 29.150 E	86.5000		
695			12587.1479	1751.7910
	S 00 48 13.943 E	110.0944		
696			12477.0643	1753.3356
	S 89 11 46.005 W	20.0000(RADIAL)		
676		CURVE CENTER	12476.7837	1733.3376
	S 01 04 30.782 E	20.0000(RADIAL)		
677			12456.7872	1733.7129
	S 88 55 29.047 W	66.5945		
661			12455.5375	1667.1301
	N 00 48 13.990 W	130.0000		
659			12585.5247	1665.3062

CIRCULAR CURVE 696 676 677 R
 CENTRAL ANGLE = 89 43 43.213
 CHORD DIRECTION = S 44 03 37.337 W
 RADIUS = 20.0000
 LENGTH = 31.3212
 TANGENT = 19.9055
 CHORD = 28.2172
 EXTERNAL = 8.2175
 MIDDLE ORDINATE = 5.8244

548*LOT 3 1

AREA = 10510.8228 (ACRES = .2413)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
639			12396.3872	1606.3537
	N 88 55 29.019 E	61.6009		
662			12397.5432	1667.9438
	S 00 48 14.149 E	130.0000		
721			12267.5560	1669.7678
	S 88 55 28.881 W	81.5065		
621			12266.0264	1588.2757
	N 00 48 14.128 W	110.0945		
620			12376.1101	1586.7310
	N 89 11 46.020 E	20.0001(RADIAL)		
640		CURVE CENTER	12376.3907	1606.7291
	N 01 04 31.813 W	20.0000(RADIAL)		
639			12396.3872	1606.3537

CIRCULAR CURVE 620 640 639 R
 CENTRAL ANGLE = 89 43 42.167
 CHORD DIRECTION = N 44 03 37.337 E
 RADIUS = 20.0001
 LENGTH = 31.3212
 TANGENT = 19.9055
 CHORD = 28.2172
 EXTERNAL = 8.2175
 MIDDLE ORDINATE = 5.8244

549*LOT 3 2

AREA = 11158.0762 (ACRES = .2562)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
662			12397.5432	1667.9438
	N 88 55 29.188 E	66.4051		
678			12398.7893	1734.3372
	S 01 04 30.801 E	19.9999(RADIAL)		
680		CURVE CENTER	12378.7929	1734.7125
	N 89 11 46.005 E	20.0000(RADIAL)		
697			12379.0735	1754.7105
	S 00 48 14.049 E	109.9051		
699			12269.1792	1756.2525
	S 88 55 29.145 W	86.4999		
721			12267.5560	1669.7678
	N 00 48 14.149 W	130.0000		
662			12397.5432	1667.9438

CIRCULAR CURVE 678 680 697 R
 CENTRAL ANGLE = 90 16 16.807
 CHORD DIRECTION = S 45 56 22.639 E
 RADIUS = 19.9999
 LENGTH = 31.5105
 TANGENT = 20.0949
 CHORD = 28.3511
 EXTERNAL = 8.3514
 MIDDLE ORDINATE = 5.8914

550*LOT 3 3

AREA = 10508.9324 (ACRES = .2413)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
621			12266.0264	1588.2757

	N 88 55 28.881 E	81.5065		
721			12267.5560	1669.7678
	S 00 48 13.990 E	130.0000		
663			12137.5688	1671.5917
	S 88 55 28.834 W	61.4115		
642			12136.4163	1610.1910
	N 01 04 30.782 W	20.0000(RADIAL)		
641		CURVE CENTER	12156.4128	1609.8157
	S 89 11 46.020 W	20.0001(RADIAL)		
623			12156.1322	1589.8176
	N 00 48 13.864 W	109.9050		
621			12266.0264	1588.2757

CIRCULAR CURVE 642 641 623 R
 CENTRAL ANGLE = 90 16 16.802
 CHORD DIRECTION = N 45 56 22.622 W
 RADIUS = 20.0000
 LENGTH = 31.5107
 TANGENT = 20.0950
 CHORD = 28.3512
 EXTERNAL = 8.3515
 MIDDLE ORDINATE = 5.8914

551*LOT 3 4

AREA = 11159.9700 (ACRES = .2562)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
721			12267.5560	1669.7678
	N 88 55 29.145 E	86.4999		
699			12269.1792	1756.2525
	S 00 48 14.131 E	110.0944		
700			12159.0956	1757.7972
	S 89 11 46.020 W	20.0001(RADIAL)		
681		CURVE CENTER	12158.8150	1737.7991
	S 01 04 30.782 E	20.0000(RADIAL)		
682			12138.8185	1738.1744
	S 88 55 29.042 W	66.5944		
663			12137.5688	1671.5917
	N 00 48 13.990 W	130.0000		
721			12267.5560	1669.7678

CIRCULAR CURVE 700 681 682 R
 CENTRAL ANGLE = 89 43 43.198
 CHORD DIRECTION = S 44 03 37.862 W
 RADIUS = 20.0001
 LENGTH = 31.3213

TANGENT = 19.9056
 CHORD = 28.2173
 EXTERNAL = 8.2176
 MIDDLE ORDINATE = 5.8244

552*LOT 4 1

AREA = 10510.8221 (ACRES = .2413)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
643			12078.4185	1610.8153
	N 88 55 29.019 E	61.6009		
664			12079.5745	1672.4054
	S 00 48 13.990 E	130.0000		
722			11949.5873	1674.2293
	S 88 55 28.881 W	81.5065		
625			11948.0577	1592.7372
	N 00 48 13.941 W	110.0945		
624			12058.1414	1591.1926
	N 89 11 46.005 E	20.0000(RADIAL)		
644		CURVE CENTER	12058.4220	1611.1906
	N 01 04 30.782 W	20.0000(RADIAL)		
643			12078.4185	1610.8153

CIRCULAR CURVE 624 644 643 R
 CENTRAL ANGLE = 89 43 43.213
 CHORD DIRECTION = N 44 03 37.337 E
 RADIUS = 20.0000
 LENGTH = 31.3212
 TANGENT = 19.9055
 CHORD = 28.2172
 EXTERNAL = 8.2175
 MIDDLE ORDINATE = 5.8244

553*LOT 4 2

AREA = 11158.0827 (ACRES = .2562)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
664			12079.5745	1672.4054
	N 88 55 29.176 E	66.4049		
683			12080.8206	1738.7986
	S 01 04 32.864 E	19.9999(RADIAL)		
684		CURVE CENTER	12060.8242	1739.1741
	N 89 11 47.036 E	20.0000(RADIAL)		

701		12061.1047	1759.1721
	S 00 48 14.051 E	109.9050	
702		11951.2105	1760.7141
	S 88 55 29.150 W	86.5000	
722		11949.5873	1674.2293
	N 00 48 13.990 W	130.0000	
664		12079.5745	1672.4054

CIRCULAR CURVE 683 684 701 R
 CENTRAL ANGLE = 90 16 19.900
 CHORD DIRECTION = S 45 56 23.128 E
 RADIUS = 19.9999
 LENGTH = 31.5108
 TANGENT = 20.0952
 CHORD = 28.3513
 EXTERNAL = 8.3517
 MIDDLE ORDINATE = 5.8915

554*LOT 4 3

AREA = 10508.9254 (ACRES = .2413)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
625			11948.0577	1592.7372
	N 88 55 28.881 E	81.5065		
722			11949.5873	1674.2293
	S 00 48 13.990 E	130.0000		
665			11819.6001	1676.0532
	S 88 55 28.834 W	61.4115		
647			11818.4476	1614.6525
	N 01 04 30.782 W	20.0000(RADIAL)		
646		CURVE CENTER	11838.4441	1614.2772
	S 89 11 46.005 W	20.0000(RADIAL)		
626			11838.1635	1594.2792
	N 00 48 14.051 W	109.9050		
625			11948.0577	1592.7372

CIRCULAR CURVE 647 646 626 R
 CENTRAL ANGLE = 90 16 16.787
 CHORD DIRECTION = N 45 56 22.116 W
 RADIUS = 20.0000
 LENGTH = 31.5107
 TANGENT = 20.0950
 CHORD = 28.3512
 EXTERNAL = 8.3515
 MIDDLE ORDINATE = 5.8914

555*LOT 4 4

AREA = 11159.9760 (ACRES = .2562)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
722			11949.5873	1674.2293
	N 88 55 29.150 E	86.5000		
702			11951.2105	1760.7141
	S 00 48 13.946 E	110.0943		
703			11841.1270	1762.2587
	S 89 11 44.974 W	20.0000(RADIAL)		
685		CURVE CENTER	11840.8463	1742.2607
	S 01 04 29.751 E	20.0000(RADIAL)		
686			11820.8498	1742.6359
	S 88 55 29.042 W	66.5944		
665			11819.6001	1676.0532
	N 00 48 13.990 W	130.0000		
722			11949.5873	1674.2293

CIRCULAR CURVE 703 685 686 R
 CENTRAL ANGLE = 89 43 45.275
 CHORD DIRECTION = S 44 03 37.354 W
 RADIUS = 20.0000
 LENGTH = 31.3214
 TANGENT = 19.9057
 CHORD = 28.2173
 EXTERNAL = 8.2177
 MIDDLE ORDINATE = 5.8245

556*LOT 5 1

AREA = 11019.4137 (ACRES = .2530)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
648			11760.4498	1615.2769
	N 88 55 29.039 E	61.5959		
666			11761.6057	1676.8620
	S 00 48 14.051 E	79.8273		
667			11681.7863	1677.9820
	S 10 21 55.105 W	63.6131		
660			11619.2113	1666.5365
	N 79 38 04.918 W	81.5063		
618			11633.8762	1586.3603
	N 78 59 54.311 W	510.0000(RADIAL)		
540		CURVE CENTER	11731.2026	1085.7331

	N 88 59 31.938 E	510.0000(RADIAL)	
629		11740.1727	1595.6542
	N 89 11 46.005 E	20.0000(RADIAL)	
649	CURVE CENTER	11740.4533	1615.6522
	N 01 04 30.782 W	20.0000(RADIAL)	
648		11760.4498	1615.2769

CIRCULAR CURVE 618 540 629 L
 CENTRAL ANGLE = 12 00 33.751
 CHORD DIRECTION = N 04 59 48.756 E
 RADIUS = 510.0000
 LENGTH = 106.8976
 TANGENT = 53.6453
 CHORD = 106.7020
 EXTERNAL = 2.8136
 MIDDLE ORDINATE = 2.7982

CIRCULAR CURVE 629 649 648 R
 CENTRAL ANGLE = 89 43 43.213
 CHORD DIRECTION = N 44 03 37.337 E
 RADIUS = 20.0000
 LENGTH = 31.3212
 TANGENT = 19.9055
 CHORD = 28.2172
 EXTERNAL = 8.2175
 MIDDLE ORDINATE = 5.8244

557*LOT 5 2

WARNING UNEQUAL RADII FOR CURVE 687 688 705
 * RADII ARE 19.9999 20.0001
 AREA = 12997.9014 (ACRES = .2984)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
WARNING UNEQUAL RADII FOR CURVE 687 688 705				
* RADII ARE 19.9999 20.0001				
666			11761.6057	1676.8620
	N 88 55 29.163 E	66.4100		
687			11762.8519	1743.2603
	S 01 04 30.801 E	19.9999(RADIAL)		
688		CURVE CENTER	11742.8555	1743.6356
	N 89 11 46.020 E	20.0001(RADIAL)		
705			11743.1361	1763.6337
	S 00 48 13.958 E	21.2547		
706			11721.8835	1763.9319
	S 89 11 45.976 W	484.0000(RADIAL)		
545		CURVE CENTER	11715.0929	1279.9795

	S 79 38 05.069 E	484.0000(RADIAL)		
698			11628.0103	1756.0810
	S 10 21 55.335 W	24.7665		
694			11603.6480	1751.6249
	N 79 38 05.112 W	86.5000		
660			11619.2113	1666.5365
	N 10 21 55.105 E	63.6131		
667			11681.7863	1677.9820
	N 00 48 14.051 W	79.8273		
666			11761.6057	1676.8620

CIRCULAR CURVE 687 688 705 R
 CENTRAL ANGLE = 90 16 16.821
 CHORD DIRECTION = S 45 56 23.145 E
 RADIUS = 19.9999
 LENGTH = 31.5105
 TANGENT = 20.0949
 CHORD = 28.3511
 EXTERNAL = 8.3515
 MIDDLE ORDINATE = 5.8914

CIRCULAR CURVE 706 545 698 R
 CENTRAL ANGLE = 11 10 08.955
 CHORD DIRECTION = S 04 46 50.499 W
 RADIUS = 484.0000
 LENGTH = 94.3502
 TANGENT = 47.3251
 CHORD = 94.2009
 EXTERNAL = 2.3082
 MIDDLE ORDINATE = 2.2972

558*LOT 5 3

AREA = 10509.9881 (ACRES = .2413)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
618			11633.8762	1586.3603
	S 79 38 04.918 E	81.5063		
660			11619.2113	1666.5365
	S 10 21 54.846 W	130.0000		
657			11491.3328	1643.1466
	N 79 38 05.089 W	61.5064		
609			11502.3992	1582.6439
	N 10 21 55.421 E	20.0000(RADIAL)		
617		CURVE CENTER	11522.0728	1586.2424
	N 79 38 04.579 W	20.0000(RADIAL)		
592			11525.6713	1566.5688

N 10 21 54.926 E 110.0000
 618 11633.8762 1586.3603

CIRCULAR CURVE 609 617 592 R
 CENTRAL ANGLE = 90 00 00.000
 CHORD DIRECTION = N 34 38 04.579 W
 RADIUS = 20.0000
 LENGTH = 31.4159
 TANGENT = 20.0000
 CHORD = 28.2843
 EXTERNAL = 8.2843
 MIDDLE ORDINATE = 5.8579

559*LOT 5 4

AREA = 10996.9232 (ACRES = .2525)

POINT	BEARING	DISTANCE	NORTH COORDINATE	EAST COORDINATE
660			11619.2113	1666.5365
	S 79 38 05.112 E	86.5000		
694			11603.6480	1751.6249
	S 10 21 54.779 W	95.9999		
679			11509.2147	1734.3524
	N 79 38 05.561 W	34.0000(RADIAL)		
671		CURVE CENTER	11515.3320	1700.9072
	S 10 21 55.741 W	34.0000(RADIAL)		
670			11481.8869	1694.7897
	N 79 38 05.136 W	52.4999		
657			11491.3328	1643.1466
	N 10 21 54.846 E	130.0000		
660			11619.2113	1666.5365

CIRCULAR CURVE 679 671 670 R
 CENTRAL ANGLE = 90 00 01.303
 CHORD DIRECTION = S 55 21 55.279 W
 RADIUS = 34.0000
 LENGTH = 53.4074
 TANGENT = 34.0003
 CHORD = 48.0835
 EXTERNAL = 14.0834
 MIDDLE ORDINATE = 9.9585

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