

NEW BREED RANCH
FILING 3 BDY

User Name: Jerome W. Hannigan
Project: 21014 NEW BREED RANCH FILING #3
Report Area
Date: 04-10-23
Time: 11:58:42
Page: 1

Lot Area (Square Feet): 1511551
Lot Area (Acres): 34.7004
Lot Perimeter: 5327.2496

Course Data

Node ID	Northing	Easting	Direction	Distance
4	432.5530	797.9177		
Description:	Node Description			

Circular Curve Data

Node ID Northing Easting
RP 3 995.1427 889.5301
Description: cc
N/A 416.0428 899.3069
Curve Direction: CCW
Radial In: N09°14'56.00"E
D.O.C Arc: 10°03'06.81"
D.O.C Chord: 10°03'53.38"
Radius: 570.0000
Delta angle: 20°25'56.00"
Tangent length: 102.7247
Arc length: 203.2674
Chord Direction: N89°01'58.00"E
Chord length: 202.1921
External: 9.1825
Middle ordinate: 9.0369
Radial Out: S11°11'00.00"E

Node ID	Northing	Easting	Direction	Distance
10	435.9661	1000.0810	N78°49'00.00"E	201.0900
Description:	Node Description			
12	474.9673	1197.3526	N78°49'00.00"E	200.0000
Description:	Node Description			
N/A	513.7571	1393.5550	N78°49'00.00"E	110.0000
N/A	535.0915	1501.4662	N78°49'00.00"E	34.9700
15	541.8739	1535.7722		
Description:	Node Description			

Circular Curve Data

Node ID Northing Easting
RP 16 -76.1634 1657.9601
Description: cc
N/A 563.1484 1643.3807

Curve Direction: CW
 Radial In: S11°11'00.00"E
 D.O.C Arc: 09°05'40.45"
 D.O.C Chord: 09°06'14.91"
 Radius: 630.0000
 Delta angle: 19°45'14.00"
 Tangent length: 109.6914
 Arc length: 217.2054
 Chord Direction: N88°41'37.00"E
 Chord length: 216.1312
 External: 9.4781
 Middle ordinate: 9.3376
 Radial Out: N08°34'14.00"E

Node ID	Northing	Easting	Direction	Distance
17	546.8014	1751.8472		
Description: Node Description				

Circular Curve Data

Node ID	Northing	Easting	Direction	Distance
RP 18	1110.4363	1836.7927		
Description: cc				
N/A	531.4157	1853.9355		
Curve Direction: CCW				
Radial In:	N08°34'14.00"E			
D.O.C Arc:	10°03'06.81"			
D.O.C Chord:	10°03'53.38"			
Radius:	570.0000			
Delta angle:	20°31'58.00"			
Tangent length:	103.2412			
Arc length:	204.2678			
Chord Direction:	N88°18'15.00"E			
Chord length:	203.1765			
External:	9.2743			
Middle ordinate:	9.1258			
Radial Out:	S11°57'44.00"E			

Node ID	Northing	Easting	Direction	Distance
19	552.8141	1954.9347	N11°57'44.00"W	431.1700
Description: Node Description				
20	974.6211	1865.5676	N55°16'25.00"E	369.7600
Description: Node Description				
21	1185.2578	2169.4665	N35°15'41.00"W	188.7400
Description: Node Description				
22	1339.3691	2060.5055	N35°28'30.00"E	342.7300

Description:	Node Description			
23	1618.4777	2259.4081	N61°41'56.00"W	659.2612
Description:	Node Description			
N/A	1931.0369	1678.9496	N61°41'56.00"W	384.5170
N/A	2113.3385	1340.3947	S28°18'04.00"W	257.1486
N/A	1886.9273	1218.4792	S28°18'04.00"W	304.7222
7	1618.6291	1074.0088	S15°46'29.00"W	269.1998
Description:	Node Description			
N/A	1359.5679	1000.8253	S15°46'29.00"W	116.9202
6	1247.0512	969.0398	S11°51'54.00"W	418.8800
Description:	Node Description			
5	837.1206	882.9154	S11°51'54.00"W	413.4000
Description:	Node Description			
4	432.5530	797.9177		
Description:	Node Description			

Lot Area (Square Feet): 64411
 Lot Area (Acres): 1.4787
 Lot Perimeter: 2236.0795

Course Data

Node ID	Northing	Eastng	Direction	Distance
N/A	543.1311	1413.2315		

Circular Curve Data

Node ID	Northing	Eastng	Direction
N/A	538.2824	1388.7062	
N/A	518.6058	1418.0802	
Curve Direction: CW			
Radial In: S78°49'00.00"W			
D.O.C Arc: 229°10'59.22"			
D.O.C Chord: N/A			
Radius: 25.0000			
Delta angle: 90°00'00.00"			
Tangent length: 25.0000			
Arc length: 39.2699			
Chord Direction: S33°49'00.00"W			
Chord length: 35.3553			
External: 10.3553			
Middle ordinate: 7.3223			
Radial Out: S11°11'00.00"E			

Node ID Northing Eastng Direction Distance

N/A	513.7571	1393.5550	N78°49'00.00"E	110.0000
N/A	535.0915	1501.4662		

Circular Curve Data

Node ID	Northing	Eastng	Direction
N/A	559.6168	1496.6175	
N/A	530.2428	1476.9409	
Curve Direction: CW			
Radial In: N11°11'00.00"W			
D.O.C Arc: 229°10'59.22"			
D.O.C Chord: N/A			
Radius: 25.0000			
Delta angle: 90°00'00.00"			
Tangent length: 25.0000			
Arc length: 39.2699			
Chord Direction: N56°11'00.00"W			

Chord length: 35.3553
 External: 10.3553
 Middle ordinate: 7.3223
 Radial Out: S78°49'00.00"W

Node ID	Northing	Easting	Direction	Distance
N/A	554.7681	1472.0922	N11°11'00.00"W	275.0000
N/A	824.5463	1418.7562		

Circular Curve Data

Node ID	Northing	Easting
N/A	906.0048	1830.7811
N/A	931.6095	1397.5895

Curve Direction: CW

Radial In: N78°49'00.00"E

D.O.C Arc: 13°38'30.67"

D.O.C Chord: 13°40'27.42"

Radius: 420.0000

Delta angle: 29°07'55.08"

Tangent length: 109.1356

Arc length: 213.5485

Chord Direction: N03°22'57.54"E

Chord length: 211.2556

External: 13.9477

Middle ordinate: 13.4994

Radial Out: N72°03'04.92"W

Node ID	Northing	Easting	Direction	Distance
N/A	1035.4338	1431.2212		

Circular Curve Data

Node ID	Northing	Easting
N/A	906.0048	1830.7811
N/A	1188.2296	1480.7161

Curve Direction: CW

Radial In: S72°03'04.92"E

D.O.C Arc: 13°38'30.67"

D.O.C Chord: 13°40'27.42"

Radius: 420.0000

Delta angle: 41°51'17.02"

Tangent length: 160.6123

Arc length: 306.8112

Chord Direction: N38°52'33.59"E

Chord length: 300.0347

External: 29.6624
 Middle ordinate: 27.7057
 Radial Out: N30°11'47.90"W

Node ID	Northing	Easting	Direction	Distance
N/A	1269.0126	1619.5340		

Circular Curve Data

Node ID	Northing	Easting
N/A	1182.5822	1669.8310
N/A	1287.2820	1650.9281

Curve Direction: CW
 Radial In: S30°11'47.90"E
 D.O.C Arc: 57°17'44.81"
 D.O.C Chord: 60°00'00.00"
 Radius: 100.0000
 Delta angle: 39°55'30.04"
 Tangent length: 36.3229
 Arc length: 69.6823
 Chord Direction: N79°45'57.12"E
 Chord length: 68.2810
 External: 6.3925
 Middle ordinate: 6.0084
 Radial Out: N09°43'42.14"E

Node ID	Northing	Easting	Direction	Distance
N/A	1281.1442	1686.7287		

Circular Curve Data

Node ID	Northing	Easting
N/A	1335.3533	1696.0225
N/A	1269.9975	1751.7459

Curve Direction: CCW
 Radial In: N09°43'42.14"E
 D.O.C Arc: 104°10'26.92"
 D.O.C Chord: 130°45'36.16"
 Radius: 55.0000
 Delta angle: 100°21'34.64"
 Tangent length: 65.9658
 Arc length: 96.3383
 Chord Direction: N49°32'54.82"E
 Chord length: 84.4864
 External: 30.8865
 Middle ordinate: 19.7791

Radial Out: N89°22'07.50"E 1751.0191

Node ID Northing Easting Direction Distance

N/A 1335.9592 1751.0191

Circular Curve Data

Node ID Northing Easting
 N/A 1335.3533 1696.0225
 N/A 1391.9345 1750.4024

Curve Direction: CCW

Radial In: S89°22'07.50"W
 D.O.C Arc: 104°10'26.92"
 D.O.C Chord: 130°45'36.16"
 Radius: 55.0000
 Delta angle: 91°00'37.62"
 Tangent length: 55.9786
 Arc length: 87.3638
 Chord Direction: N46°08'11.31"W
 Chord length: 78.4646
 External: 23.4768
 Middle ordinate: 16.4536
 Radial Out: N01°38'30.12"W

Node ID Northing Easting Direction Distance

N/A 1390.3307 1694.4468

Circular Curve Data

Node ID Northing Easting
 N/A 1335.3533 1696.0225
 N/A 1389.5310 1666.5438

Curve Direction: CCW

Radial In: S01°38'30.12"E
 D.O.C Arc: 104°10'26.92"
 D.O.C Chord: 130°45'36.16"
 Radius: 55.0000
 Delta angle: 53°49'07.33"
 Tangent length: 27.9144
 Arc length: 51.6622
 Chord Direction: S61°26'56.21"W
 Chord length: 49.7838
 External: 6.6783
 Middle ordinate: 5.9552
 Radial Out: N55°27'37.45"W

Node ID Northing Easting Direction Distance

N/A 1366.5370 1650.7171

Circular Curve Data

Node ID Northing Easting
 N/A 1423.2345 1568.3436
 N/A 1345.5727 1636.2874

Curve Direction: CW

Radial In: N55°27'37.45"W
 D.O.C Arc: 57°17'44.81"
 D.O.C Chord: 60°00'00.00"
 Radius: 100.0000
 Delta angle: 28°33'27.33"
 Tangent length: 25.4503
 Arc length: 49.8424
 Chord Direction: S48°49'06.22"W
 Chord length: 49.3281
 External: 3.1878
 Middle ordinate: 3.0893
 Radial Out: S26°54'10.12"E

Node ID Northing Easting Direction Distance

N/A 1334.0570 1613.5915

Circular Curve Data

Node ID Northing Easting
 N/A 906.0048 1830.7811
 N/A 1324.4413 1594.6402

Curve Direction: CCW

Radial In: S26°54'10.12"E
 D.O.C Arc: 11°56'11.83"
 D.O.C Chord: 11°57'29.93"
 Radius: 480.0000
 Delta angle: 05°04'12.09"
 Tangent length: 21.2511
 Arc length: 42.4745
 Chord Direction: S60°33'43.84"W
 Chord length: 42.4607
 External: 0.4702
 Middle ordinate: 0.4697
 Radial Out: N31°58'22.21"W

Node ID Northing Easting Direction Distance

N/A 1313.1885 1576.6129

Circular Curve Data

Node ID Northing Easting
 N/A 906.0048 1830.7811
 N/A 1246.5775 1469.9005

Curve Direction: CCW
 Radial In: S31°58'22.21"E
 D.O.C Arc: 11°56'11.83"
 D.O.C Chord: 11°57'29.93"
 Radius: 480.0000
 Delta angle: 29°22'15.50"
 Tangent length: 125.7957
 Arc length: 246.0577
 Chord Direction: S43°20'30.04"W
 Chord length: 243.3724
 External: 16.2102
 Middle ordinate: 15.6806
 Radial Out: N61°20'37.71"W

Node ID Northing Easting Direction Distance

N/A 1136.1901 1409.5748

Circular Curve Data

Node ID Northing Easting
 N/A 906.0048 1830.7811
 N/A 1020.3282 1346.2574

Curve Direction: CCW
 Radial In: S61°20'37.71"E
 D.O.C Arc: 11°56'11.83"
 D.O.C Chord: 11°57'29.93"
 Radius: 480.0000
 Delta angle: 30°45'36.46"
 Tangent length: 132.0344
 Arc length: 257.6955
 Chord Direction: S13°16'34.06"W
 Chord length: 254.6118
 External: 17.8284
 Middle ordinate: 17.1899
 Radial Out: S87°53'45.83"W

Node ID Northing Easting Direction Distance

N/A 888.3829 1351.1047

Circular Curve Data

Node ID	Northing	Eastng
N/A	906.0048	1830.7811
N/A	850.2971	1352.5039
Curve Direction: CCW		
Radial In:	N87°53'45.83"E	
D.O.C Arc:	11°56'11.83"	
D.O.C Chord:	11°57'29.93"	
Radius:	480.0000	
Delta angle:	09°04'45.83"	
Tangent length:	38.1115	
Arc length:	76.0634	
Chord Direction:	S06°38'37.09"E	
Chord length:	75.9838	
External:	1.5106	
Middle ordinate:	1.5059	
Radial Out:	S78°49'00.00"W	

Node ID	Northing	Eastng	Direction	Distance
N/A	812.9093	1359.8955	S11°11'00.00"E	275.0000
N/A	543.1311	1413.2315		

Node ID	Northing	Eastng	Direction	Distance
N/A	906.0048	1830.7811		
N/A	850.2971	1352.5039		
N/A	812.9093	1359.8955	S11°11'00.00"E	275.0000
N/A	543.1311	1413.2315		

LOT 1

Lot Area (Square Feet): 217819
 Lot Area (Acres): 5.0004
 Lot Perimeter: 1879.0780

Course Data

Node ID	Northing	Eastng	Direction	Distance
4	432.5530	797.9177	N11°51'54.00"E	413.4000
Description:	Node Description			
5	837.1206	882.9154	N83°45'05.57"E	470.9873
Description:	Node Description			
N/A	888.3829	1351.1047		

Circular Curve Data

Node ID	Northing	Eastng
N/A	906.0048	1830.7811
N/A	850.2971	1352.5039

Curve Direction:

CCW

Radial In: N87°53'45.83"E
 D.O.C Arc: 11°56'11.83"
 D.O.C Chord: 11°57'29.93"
 Radius: 480.0000
 Delta angle: 09°04'45.83"
 Tangent length: 38.1115
 Arc length: 76.0634
 Chord Direction: S06°38'37.09"E
 Chord length: 75.9838
 External: 1.5106
 Middle ordinate: 1.5059
 Radial Out: S78°49'00.00"W

Node ID Northing Eastng Direction Distance

N/A	812.9093	1359.8955	S11°11'00.00"E	275.0000
N/A	543.1311	1413.2315		

Circular Curve Data

Node ID	Northing	Eastng
N/A	538.2824	1388.7062
N/A	518.6058	1418.0802

Curve Direction:

CW

Radial In: S78°49'00.00"W
 D.O.C Arc: 229°10'59.22"
 D.O.C Chord: N/A
 Radius: 25.0000

Delta angle: 90°00'00.00"
 Tangent length: 25.0000
 Arc length: 39.2699
 Chord Direction: S33°49'00.00"W
 Chord length: 35.3553
 External: 10.3553
 Middle ordinate: 7.3223
 Radial Out: S11°11'00.00"E

Node ID	Northing	Easting	Direction	Distance
N/A	513.7571	1393.5550	S78°49'00.00"W	200.0000
12	474.9673	1197.3526	S78°49'00.00"W	201.0900
Description:	Node Description			
10	435.9661	1000.0810		
Description:	Node Description			

Circular Curve Data

Node ID	Northing	Easting
RP 3	995.1427	889.5301
Description:	cc	
N/A	416.0428	899.3069
Curve Direction:	CW	
Radial In:	N11°11'00.00"W	
D.O.C Arc:	10°03'06.81"	
D.O.C Chord:	10°03'53.38"	
Radius:	570.0000	
Delta angle:	20°25'56.00"	
Tangent length:	102.7247	
Arc length:	203.2674	
Chord Direction:	S89°01'58.00"W	
Chord length:	202.1921	
External:	9.1825	
Middle ordinate:	9.0369	
Radial Out:	S09°14'56.00"W	

Node ID	Northing	Easting	Direction	Distance
4	432.5530	797.9177		
Description:	Node Description			

LOT 2

=====
 Lot Area (Square Feet): 175197
 Lot Area (Acres): 4.0220
 Lot Perimeter: 1730.2875

Course Data

Node ID	Northing	Easting	Direction	Distance
N/A	888.3829	1351.1047	S83°45'05.57"W	470.9873
5	837.1206	882.9154	N11°51'54.00"E	418.8800
Description: Node Description				
6	1247.0512	969.0398	N15°46'29.00"E	116.9202
Description: Node Description				
N/A	1359.5679	1000.8253	S61°20'37.71"E	465.8045
N/A	1136.1901	1409.5748		

Circular Curve Data

Node ID	Northing	Easting
N/A	906.0048	1830.7811
N/A	1020.3282	1346.2574
Curve Direction: CCW		
Radial In: S61°20'37.71"E		
D.O.C Arc: 11°56'11.83"		
D.O.C Chord: 11°57'29.93"		
Radius: 480.0000		
Delta angle: 30°45'36.46"		
Tangent length: 132.0344		
Arc length: 257.6955		
Chord Direction: S13°16'34.06"W		
Chord length: 254.6118		
External: 17.8284		
Middle ordinate: 17.1899		
Radial Out: S87°53'45.83"W		

Node ID	Northing	Easting	Direction	Distance
N/A	888.3829	1351.1047		

LOT 3

=====
 Lot Area (Square Feet): 218044
 Lot Area (Acres): 5.0056
 Lot Perimeter: 1962.1244

Course Data

Node ID	Northing	Easting	Direction	Distance
N/A	1136.1901	1409.5748		

Circular Curve Data

Node ID	Northing	Easting
N/A	906.0048	1830.7811
N/A	1246.5775	1469.9005
Curve Direction: CW		
Radial In: S61°20'37.71"E		
D.O.C Arc: 11°56'11.83"		
D.O.C Chord: 11°57'29.93"		
Radius: 480.0000		
Delta angle: 29°22'15.50"		
Tangent length: 125.7957		
Arc length: 246.0577		
Chord Direction: N43°20'30.04"E		
Chord length: 243.3724		
External: 16.2102		
Middle ordinate: 15.6806		
Radial Out: N31°58'22.21"W		

Node ID	Northing	Easting	Direction	Distance
N/A	1313.1885	1576.6129	N31°58'22.21"W	676.3402
N/A	1886.9273	1218.4792	S28°18'04.00"W	304.7222
7	1618.6291	1074.0088	S15°46'29.00"W	269.1998
Description: Node Description				
N/A	1359.5679	1000.8253	S61°20'37.71"E	465.8045
N/A	1136.1901	1409.5748		

LOT 4

=====
 Lot Area (Square Feet): 221704
 Lot Area (Acres): 5.0896
 Lot Perimeter: 2002.9132

Course Data

Node ID	Northing	Easting	Direction	Distance
N/A	1313.1885	1576.6129	N31°58'22.21"W	676.3402
N/A	1886.9273	1218.4792	N28°18'04.00"E	257.1486
N/A	2113.3385	1340.3947	S61°41'56.00"E	384.5170
N/A	1931.0369	1678.9496	S01°38'30.12"E	540.9282
N/A	1390.3307	1694.4468		

Circular Curve Data

Node ID	Northing	Easting
N/A	1335.3533	1696.0225
N/A	1389.5310	1666.5438
Curve Direction: CCW		
Radial In: S01°38'30.12"E		
D.O.C Arc: 104°10'26.92"		
D.O.C Chord: 130°45'36.16"		
Radius: 55.0000		
Delta angle: 53°49'07.33"		
Tangent length: 27.9144		
Arc length: 51.6622		
Chord Direction: S61°26'56.21"W		
Chord length: 49.7838		
External: 6.6783		
Middle ordinate: 5.9552		
Radial Out: N55°27'37.45"W		

=====
 Node ID Northing Easting Direction Distance

N/A	1366.5370	1650.7171		
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Circular Curve Data

Node ID	Northing	Easting
N/A	1423.2345	1568.3436
N/A	1345.5727	1636.2874
Curve Direction: CW		
Radial In: N55°27'37.45"W		
D.O.C Arc: 57°17'44.81"		
D.O.C Chord: 60°00'00.00"		
Radius: 100.0000		
Delta angle: 28°33'27.33"		

Tangent length: 25.4503
 Arc length: 49.8424
 Chord Direction: S48°49'06.22"W
 Chord length: 49.3281
 External: 3.1878
 Middle ordinate: 3.0893
 Radial Out: S26°54'10.12"E

Node ID	Northing	Easting	Direction	Distance
N/A	1334.0570	1613.5915		

Circular Curve Data

Node ID Northing Easting
 N/A 906.0048 1830.7811
 N/A 1324.4413 1594.6402
 Curve Direction: CCW
 Radial In: S26°54'10.12"E
 D.O.C Arc: 11°56'11.83"
 D.O.C Chord: 11°57'29.93"
 Radius: 480.0000
 Delta angle: 05°04'12.09"
 Tangent length: 21.2511
 Arc length: 42.4745
 Chord Direction: S60°33'43.84"W
 Chord length: 42.4607
 External: 0.4702
 Middle ordinate: 0.4697
 Radial Out: N31°58'22.21"W

Node ID	Northing	Easting	Direction	Distance
N/A	1313.1885	1576.6129		

LOT 5

Lot Area (Square Feet): 218280
 Lot Area (Acres): 5.0110
 Lot Perimeter: 1939.7883

Course Data

Node ID	Northing	Eastings	Direction	Distance
N/A	1390.3307	1694.4468	N01°38'30.12"W	540.9282
N/A	1931.0369	1678.9496	S61°41'56.00"E	659.2612
23	1618.4777	2259.4081	S35°28'30.00"W	342.7300
Description: Node Description				
22	1339.3691	2060.5055	S89°22'07.50"W	309.5052
Description: Node Description				
N/A	1335.9592	1751.0191		

Circular Curve Data

Node ID	Northing	Eastings	Direction
N/A	1335.3533	1696.0225	
N/A	1391.9345	1750.4024	
Curve Direction: CCW			
Radial In: S89°22'07.50"W			
D.O.C Arc: 104°10'26.92"			
D.O.C Chord: 130°45'36.16"			
Radius: 55.0000			
Delta angle: 91°00'37.62"			
Tangent length: 55.9786			
Arc length: 87.3638			
Chord Direction: N46°08'11.31"W			
Chord length: 78.4646			
External: 23.4768			
Middle ordinate: 16.4536			
Radial Out: N01°38'30.12"W			

Node ID	Northing	Eastings	Direction	Distance
N/A	1390.3307	1694.4468		

LOT 6

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 Lot Area (Square Feet): 178287
 Lot Area (Acres): 4.0929
 Lot Perimeter: 1779.4199

Course Data

Node ID	Northing	Eastng	Direction	Distance
N/A	1335.9592	1751.0191	N89°22'07.50"E	309.5052
22	1339.3691	2060.5055	S35°15'41.00"E	188.7400
Description: Node Description				
21	1185.2578	2169.4665	S55°16'25.00"W	369.7600
Description: Node Description				
20	974.6211	1865.5676	N82°01'47.42"W	438.5829
Description: Node Description				
N/A	1035.4338	1431.2212		

Circular Curve Data

Node ID	Northing	Eastng	Direction	Distance
N/A	906.0048	1830.7811		
N/A	1188.2296	1480.7161		
Curve Direction: CW				
Radial In: S72°03'04.92"E				
D.O.C Arc: 13°38'30.67"				
D.O.C Chord: 13°40'27.42"				
Radius: 420.0000				
Delta angle: 41°51'17.02"				
Tangent length: 160.6123				
Arc length: 306.8112				
Chord Direction: N38°52'33.59"E				
Chord length: 300.0347				
External: 29.6624				
Middle ordinate: 27.7057				
Radial Out: N30°11'47.90"W				

Node ID	Northing	Eastng	Direction	Distance
N/A	1269.0126	1619.5340		

Circular Curve Data

Node ID	Northing	Eastng	Direction	Distance
N/A	1182.5822	1669.8310		
N/A	1287.2820	1650.9281		
Curve Direction: CW				
Radial In: S30°11'47.90"E				
D.O.C Arc: 57°17'44.81"				

D.O.C Chord: 60°00'00.00"
 Radius: 100.0000
 Delta angle: 39°55'30.04"
 Tangent length: 36.3229
 Arc length: 69.6823
 Chord Direction: N79°45'57.12"E
 Chord length: 68.2810
 External: 6.3925
 Middle ordinate: 6.0084
 Radial Out: N09°43'42.14"E

Node ID Northing Easting Direction Distance

N/A 1281.1442 1686.7287

Circular Curve Data

Node ID Northing Easting

N/A 1335.3533 1696.0225
 N/A 1269.9975 1751.7459

Curve Direction: CCW

Radial In: N09°43'42.14"E
 D.O.C Arc: 104°10'26.92"
 D.O.C Chord: 130°45'36.16"
 Radius: 55.0000
 Delta angle: 100°21'34.64"
 Tangent length: 65.9658
 Arc length: 96.3383
 Chord Direction: N49°32'54.82"E
 Chord length: 84.4864
 External: 30.8865
 Middle ordinate: 19.7791
 Radial Out: N89°22'07.50"E

Node ID Northing Easting Direction Distance

N/A 1335.9592 1751.0191

LOT 7

Lot Area (Square Feet): 217810
 Lot Area (Acres): 5.0002
 Lot Perimeter: 1854.0144

Course Data

Node ID	Northing	Easting	Direction	Distance
N/A	1035.4338	1431.2212	S82°01'47.42"E	438.5829
20	974.6211	1865.5676	S11°57'44.00"E	431.1700

Description: Node Description

19 552.8141 1954.9347

Description: Node Description

Circular Curve Data

Node ID	Northing	Easting
RP 18	1110.4363	1836.7927
Description: cc		
N/A	531.4157	1853.9355

Curve Direction: CW

Radial In: N11°57'44.00"W
 D.O.C Arc: 10°03'06.81"
 D.O.C Chord: 10°03'53.38"
 Radius: 570.0000
 Delta angle: 20°31'58.00"
 Tangent length: 103.2412
 Arc length: 204.2678
 Chord Direction: S88°18'15.00"W
 Chord length: 203.1765
 External: 9.2743
 Middle ordinate: 9.1258
 Radial Out: S08°34'14.00"W

Node ID	Northing	Easting	Direction	Distance
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17 546.8014 1751.8472
 Description: Node Description

Circular Curve Data

Node ID	Northing	Easting
RP 16	-76.1634	1657.9601
Description: cc		
N/A	563.1484	1643.3807

Curve Direction: CCW
 Radial In: S08°34'14.00"W
 D.O.C Arc: 09°05'40.45"

D.O.C Chord: 09°06'14.91"
 Radius: 630.0000
 Delta angle: 19°45'14.00"
 Tangent length: 109.6914
 Arc length: 217.2054
 Chord Direction: S88°41'37.00"W
 Chord length: 216.1312
 External: 9.4781
 Middle ordinate: 9.3376
 Radial Out: N11°11'00.00"W

Node ID	Northing	Easting	Direction	Distance
15	541.8739	1535.7722	S78°49'00.00"W	34.9700
Description: Node Description				
N/A	535.0915	1501.4662		

Circular Curve Data

Node ID	Northing	Easting
N/A	559.6168	1496.6175
N/A	530.2428	1476.9409
Curve Direction: CW		
Radial In: N11°11'00.00"W		
D.O.C Arc: 229°10'59.22"		
D.O.C Chord: N/A		
Radius: 25.0000		
Delta angle: 90°00'00.00"		
Tangent length: 25.0000		
Arc length: 39.2699		
Chord Direction: N56°11'00.00"W		
Chord length: 35.3553		
External: 10.3553		
Middle ordinate: 7.3223		
Radial Out: S78°49'00.00"W		

Node ID	Northing	Easting	Direction	Distance
N/A	554.7681	1472.0922	N11°11'00.00"W	275.0000
N/A	824.5463	1418.7562		

Circular Curve Data

Node ID	Northing	Easting
N/A	906.0048	1830.7811
N/A	931.6095	1397.5895
Curve Direction: CW		
Radial In: N78°49'00.00"E		