

J-18359-D

EXHIBIT "A"

TRAIL EASEMENT

Being a portion of Quarter Section 173 of Rancho De La Nacion, in the City of Chula Vista, County of San Diego, State of California, according to Map thereof No. 166 filed in the Office of the County Recorder of San Diego County May 11, 1869, said portion being more particularly described as follows:

Parcel "A"

An easement, over that portion of said Quarter Section 173, which is described as follows:

**Beginning** at the Southeast Corner of Quarter Section 173; thence along the southerly line of said Quarter Section 173 South  $72^{\circ}13'27''$  West 170.00 feet to the westerly line of the easterly 170.00 feet of Quarter Section 173; thence continuing along said westerly line North  $17^{\circ}40'50''$  West 849.33 feet to the **TRUE POINT OF BEGINNING**; thence along said westerly line North  $17^{\circ}40'50''$  West 19.46 feet; thence leaving the westerly line South  $58^{\circ}26'47''$  East 5.33 feet; thence North  $60^{\circ}39'57''$  East 33.02 feet to the beginning of a non-tangent 50.00 foot radius curve concave northeasterly to which a radial line bears South  $74^{\circ}33'09''$  West; thence Southeasterly along the arc of said curve through a central angle of  $13^{\circ}53'12''$  a distance of 12.12 feet; thence non-tangent to said curve South  $29^{\circ}28'36''$  East 35.26 feet; thence South  $60^{\circ}31'25''$  West 6.00 feet to a point herein after referred to as Point 'A'; thence South  $60^{\circ}31'24''$  West 6.00 feet to the beginning of a non-tangent 12.00 foot radius curve concave southwesterly to which a radial line bears North  $60^{\circ}31'24''$  East; thence northwesterly along the arc of said curve through a central angle of  $42^{\circ}42'58''$  a distance of 8.95 feet; thence North  $72^{\circ}11'34''$  West 33.77 feet to the **TRUE POINT OF BEGINNING**.

Containing 1,306 square feet, more or less.

Parcel "B"

A 12 foot wide easement, over that portion of said Quarter Section 173, the center line of which is described as follows:

**Beginning** at the hereinabove described Point 'A'; thence South  $29^{\circ}28'36''$  East 8.46 feet to the beginning of a tangent 506.00 foot radius curve concave Southwesterly; thence Southeasterly along the arc of said curve through a central angle of  $09^{\circ}27'17''$  a distance of 83.50 feet to a point herein after referred to as Point 'B'; being the Point of Terminus.

Containing 1,103 square feet, more or less.

Parcel "C"

An easement, over that portion of said Quarter Section 173, which is described as follows:

**Beginning** at the hereinabove described Point 'B'; thence North 69°58'41" East 6.00 feet; thence South 63°25'33" East 8.26 feet; thence South 18°25'33" East 26.00 feet; thence South 26°34'27" West 8.75 feet; thence South 73°53'03" West 6.00 feet to a point herein after referred to as Point 'C'; thence South 73°53'03" West 6.00 feet; thence North 16°06'57" West 3.14 feet to the beginning of a tangent 500.00 foot radius curve concave southwesterly; thence northwesterly along the arc of said curve through a central angle of 03°54'22" a distance of 34.09 feet; thence non-tangent to said curve North 69°58'41" East 6.00 feet to said Point 'B'; being the Point of Terminus.

Containing 635 square feet, more or less.

Parcel "D"

A 12 foot wide easement, over that portion of said Quarter Section 173, the center line of which is described as follows:

**Beginning** at the hereinabove described Point 'C'; thence South 16°06'57" East 246.93 feet to the beginning of a tangent 94.00 foot radius curve concave northeasterly; thence southeasterly along the arc of said curve through a central angle of 26°56'43" a distance of 44.21 feet; thence South 43°03'40" East 16.13 feet to the beginning of a tangent 108.00 foot radius curve concave Southwesterly; thence southeasterly along the arc of said curve through a central angle of 25°25'50" a distance of 47.94 feet; thence South 17°37'50" East 29.53 feet to the beginning of a tangent 81.00 foot radius curve concave westerly; thence southerly along the arc of said curve through a central angle of 47°51'46" a distance of 67.66 feet to the beginning of a reverse 94.23 foot radius curve concave easterly; thence southerly along the arc of said curve through a central angle of 57°10'07" a distance of 94.02 feet; thence South 26°56'13" East 26.22 feet to the beginning of a tangent 53.00 foot radius curve concave northeasterly; thence southeasterly along the arc of said curve through a central angle of 52°10'45" a distance of 48.27 feet to a point herein after referred to as Point 'D'; being the Point of Terminus.

Containing 7,451square feet, more or less.

Parcel "E"

An easement, over that portion of said Quarter Section 173, which is described as follows:

**Beginning** at the hereinabove described Point 'D'; thence North 11°09'26" East 6.00 feet to the beginning of a non-tangent 98.00 foot radius curve concave southwesterly to which a radial line bears North 10°50'57" East; thence southeasterly along the arc of said curve through a central angle of 59°38'56" a distance of 102.02 feet; thence non-tangent to said curve South 19°18'21" West 8.47 feet to the beginning of a non-tangent 100.00 foot radius curve concave southwesterly to which a radial line bears North 67°22'56" East; thence northwesterly along the arc of said curve through a central angle of 56°29'54" a distance of 98.61 feet; thence non-tangent to said curve North 10°53'02" East 6.00 feet to a point herein after referred to as Point 'D'; being the Point of Terminus.

Containing 980 square feet, more or less.

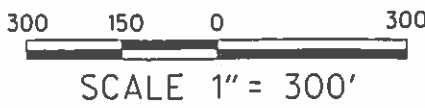
Attached hereto is Exhibit "B", and by this reference made a part hereof.

  
Patrick A. McMichael, L.S. 6187

8-27-2019  
Date



PAM:TF:jg:\My Docs\Files\18000s\18359\D\Legals\18359d\_001\_trail easement



**EXHIBIT "B"**



NO.	LINE	TABLE	DIRECTION	LENGTH
L1	N	72°13'27"	E	170.00'

**LEGEND**

- TRAIL EASEMENT, PARCEL A, CONTAINS 1,306 SQ. FT.
- TRAIL EASEMENT, PARCEL B, CONTAINS 1,103 SQ. FT.
- TRAIL EASEMENT, PARCEL C, CONTAINS 635 SQ. FT.
- TRAIL EASEMENT, PARCEL D, CONTAINS 7,451 SQ. FT.
- TRAIL EASEMENT, PARCEL E, CONTAINS 980 SQ. FT.

P.O.B. POINT OF BEGINNING  
 T.P.O.B. TRUE POINT OF BEGINNING

**NOTES**

1. TRAIL EASEMENT PER LEGEND
2. BEARINGS AND DISTANCES ARE GRID AND BASED UPON THE CALIFORNIA COORDINATE SYSTEM, ZONE 6, N.A.D. 83, EPOCH 1991.35
3. MAPPING ANGLE = -0°28'06.24" PER ROS 17055
4. COMBINED GRID FACTOR AT:  
GPS STA NO. 051 = 1.00003279
5. ELEVATION 4.651 (NAVD 88)



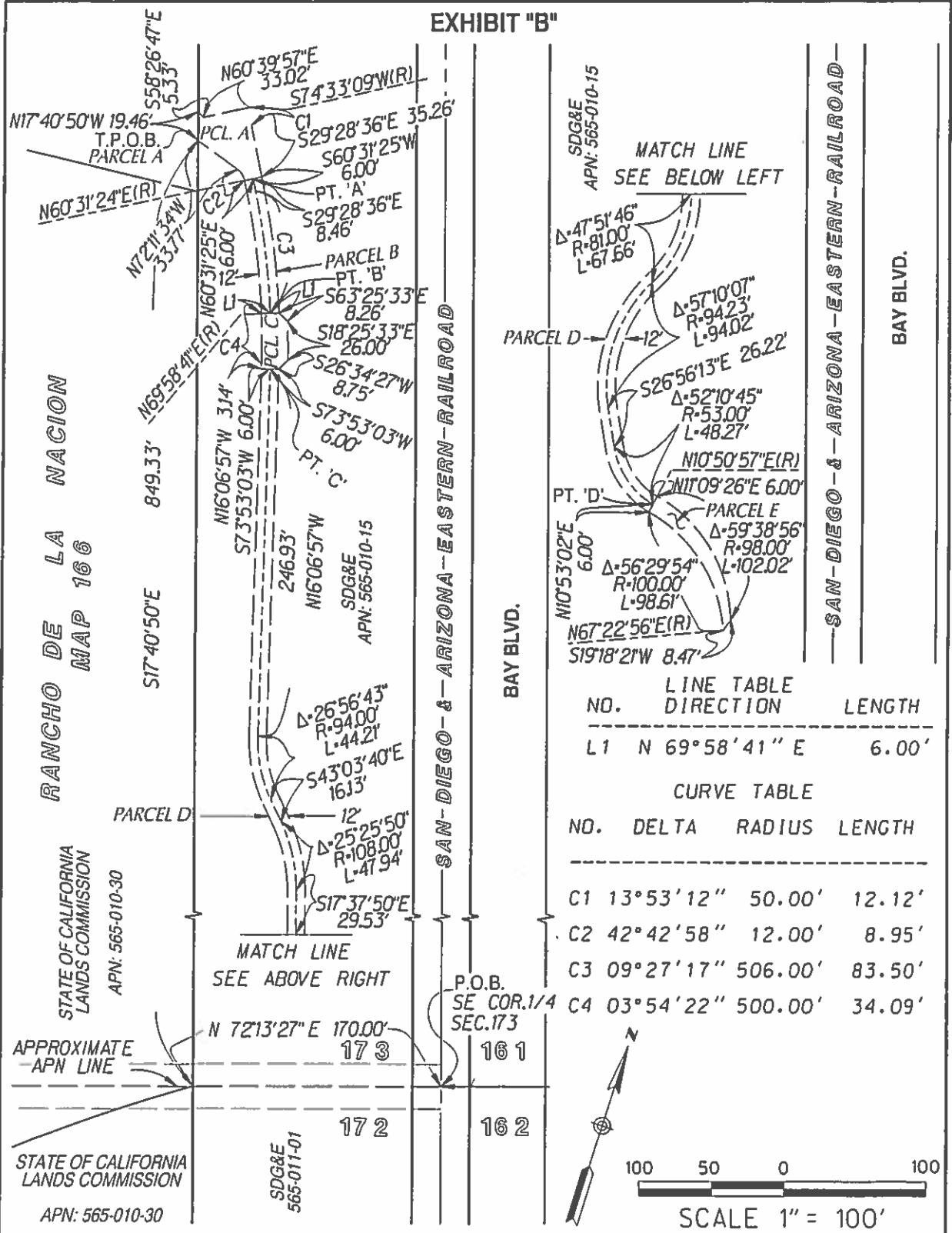
*Patrick A. McMichael*  
 PATRICK A. McMICHAEL, LS 6187  
 DATE 8.27.2019

DRAWN \_\_\_\_\_  
 CHECKED \_\_\_\_\_  
 REVIEWED \_\_\_\_\_

**SAN DIEGO UNIFIED PORT DISTRICT**  
 TRAIL EASEMENT  
 WITHIN CORPORATE LIMITS OF CHULA VISTA

DATE AUGUST 26, 2019  
 SCALE 1" = 300'  
 REF. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SHEET 1 OF 2  
 XXX-XXX

EXHIBIT "B"



NO.	LINE TABLE DIRECTION	LENGTH
L1	N 69° 58' 41" E	6.00'

NO.	CURVE TABLE DELTA	RADIUS	LENGTH
C1	13° 53' 12"	50.00'	12.12'
C2	42° 42' 58"	12.00'	8.95'
C3	09° 27' 17"	506.00'	83.50'
C4	03° 54' 22"	500.00'	34.09'

DRAWN \_\_\_\_\_  
 CHECKED \_\_\_\_\_  
 REVIEWED \_\_\_\_\_

**SAN DIEGO UNIFIED PORT DISTRICT**  
 TRAIL EASEMENT  
 WITHIN CORPORATE LIMITS OF CHULA VISTA

DATE AUGUST 26, 2019  
 SCALE 1" = 100'  
 REF. \_\_\_\_\_  
 DRAWING NO. XXX-XXX  
 SHEET 2 OF 2

# Traverse Report

Report Created: 8/27/2019  
Time: 11:30am

Project: 15939a

Description:

File Name: M:\15939a\_Bayfront\Survey\inroads\15939a\_cgo.alg

Last Revised: tfooster 8/27/2019 11:26:56 AM

Input Grid Factor: 1.00000000

Note: All units in this report are in feet unless specified otherwise.

Alignment Name: E9

Alignment Description: TRAIL PARCEL A

POB (1703)	1814120.935	6299077.781	0.00
N 17°40'50" W	19.46		
PI (1704)	1814139.476	6299071.871	0.00
S 58°26'47" E	5.33		
PI (1705)	1814136.685	6299076.415	0.00
N 60°39'57" E	33.02		
BC (1706)	1814152.864	6299105.205	
PI	1814146.996	6299106.826	
CC (1707)	1814166.182	6299153.398	
	Radius:	50.00	
	Delta:	13°53'12" Left	
	Length:	12.12	
	Degree of Curvature (Arc):	114°35'30"	
	Tangent:	6.09	
	Chord:	12.09	
	Middle Ordinate:	0.37	
	External:	0.37	
	Tangent Direction:	S 15°26'51" E	
	Radial Direction:	S 74°33'09" W	
	Chord Direction:	S 22°23'30" E	
	Radial Direction:	S 60°39'57" W	
	Tangent Direction:	S 29°20'03" E	
EC (1708)	1814141.687	6299109.810	0.00
S 29°28'36" E	35.26		
PI (1709)	1814110.991	6299127.160	0.00
S 60°31'25" W	6.00		
PI (1710)	1814108.038	6299121.937	0.00
S 60°31'24" W	6.00		
BC (1711)	1814105.086	6299116.713	



PI	1814109.171	6299114.404	
CC (1712)	1814099.181	6299106.267	
	Radius:	12.00	
	Delta:	42°42'58" Left	
	Length:	8.95	
	Degree of Curvature (Arc):	477°27'53"	
	Tangent:	4.69	
	Chord:	8.74	
	Middle Ordinate:	0.82	
	External:	0.88	
	Tangent Direction:	N 29°28'36" W	
	Radial Direction:	N 60°31'24" E	
	Chord Direction:	N 50°50'05" W	
	Radial Direction:	N 17°48'26" E	
	Tangent Direction:	N 72°11'34" W	
EC (1713)	1814110.606	6299109.936	0.00
	N 72°11'34" W	33.77	
POE (1703)	1814120.935	6299077.781	0.00

**Northing Error:** -0.000 ft  
**Easting Error:** 0.000 ft  
**Closing Direction:** N 10°59'33" W  
**Closing Distance:** 0.00 ft  
**Closed Area:** 1306.223 <sup>sq</sup>ft 0.030 ac  
**Perimeter:** 159.92 ft  
**Precision:** 233519713.56

**Alignment Name:** E10  
**Alignment Description:** TRAIL LINE 1

POB (1710)	1814108.038	6299121.937	0.00
	S 29°28'36" E	8.46	
BC (1714)	1814100.676	6299126.098	
PI	1814064.248	6299146.689	
CC (1686)	1813851.688	6298685.597	
	Radius:	506.00	
	Delta:	9°27'17" Right	
	Length:	83.50	
	Degree of Curvature (Arc):	11°19'24"	
	Tangent:	41.84	

Chord: 83.40  
 Middle Ordinate: 1.72  
 External: 1.73  
 Tangent Direction: S 29°28'36" E  
 Radial Direction: S 60°31'24" W  
 Chord Direction: S 24°44'58" E  
 Radial Direction: S 69°58'41" W  
 Tangent Direction: S 20°01'19" E

Northing Error: -83.106 ft  
 Easting Error: 39.079 ft  
 Closing Direction: N 25°11'03" W  
 Closing Distance: 91.84 ft  
 Precision: 1.00

Alignment Name: E11  
 Alignment Description: TRAIL PARCEL C

POB (1715)	1814024.933	6299161.015	0.00
N 69°58'41" E	6.00		
PI (1716)	1814026.987	6299166.653	0.00
S 63°25'33" E	8.26		
PI (1717)	1814023.290	6299174.044	0.00
S 18°25'33" E	26.00		
PI (1718)	1813998.623	6299182.262	0.00
S 26°34'27" W	8.75		
PI (1719)	1813990.797	6299178.347	0.00
S 73°53'03" W	6.00		
PI (1720)	1813989.131	6299172.583	0.00
S 73°53'03" W	6.00		
PI (1721)	1813987.466	6299166.819	0.00
N 16°06'57" W	3.14		
BC (1722)	1813990.479	6299165.948	
PI	1814006.859	6299161.215	
CC (1686)	1813851.688	6298685.597	
Radius:	500.00		
Delta:	3°54'22" Left		
Length:	34.09		
Degree of Curvature (Arc):	11°27'33"		
Tangent:	17.05		
Chord:	34.08		
Middle Ordinate:	0.29		
External:	0.29		



	Tangent Direction:	N 16°06'57" W	
	Radial Direction:	N 73°53'03" E	
	Chord Direction:	N 18°04'08" W	
	Radial Direction:	N 69°58'41" E	
	Tangent Direction:	N 20°01'19" W	
EC (1723)	1814022.878	6299155.378	0.00
	N 69°58'41" E	6.00	
POE (1715)	1814024.933	6299161.015	0.00

**Northing Error:** -0.000 ft  
**Easting Error:** -0.000 ft  
**Closing Direction:** N 5°44'02" E  
**Closing Distance:** 0.00 ft  
**Closed Area:** 635.359 <sup>Sq</sup>ft 0.015 ac  
**Perimeter:** 104.24 ft  
**Precision:** 166889439.39

**Alignment Name:** E12

**Alignment Description:** TRAIL LINE 2

POB (1687)	1813992.144	6299171.712	0.00
	S 16°06'57" E	250.06	
BC (1724)	1813751.908	6299241.125	
PI	1813730.273	6299247.376	
CC (1725)	1813778.001	6299331.431	
	Radius:	94.00	
	Delta:	26°56'43" Left	
	Length:	44.21	
	Degree of Curvature (Arc):	60°57'11"	
	Tangent:	22.52	
	Chord:	43.80	
	Middle Ordinate:	2.59	
	External:	2.66	
	Tangent Direction:	S 16°06'57" E	
	Radial Direction:	S 73°53'03" W	
	Chord Direction:	S 29°35'19" E	
	Radial Direction:	S 46°56'20" W	
	Tangent Direction:	S 43°03'40" E	
EC (1726)	1813713.820	6299262.753	0.00
	S 43°03'40" E	16.13	

BC (1727)	1813702.037	6299273.763	
PI	1813684.233	6299290.402	
CC (1728)	1813628.297	6299194.856	
	Radius:	108.00	
	Delta:	25°25'50" Right	
	Length:	47.94	
	Degree of Curvature (Arc):	53°03'06"	
	Tangent:	24.37	
	Chord:	47.54	
	Middle Ordinate:	2.65	
	External:	2.72	
	Tangent Direction:	S 43°03'40" E	
	Radial Direction:	S 46°56'20" W	
	Chord Direction:	S 30°20'45" E	
	Radial Direction:	S 72°22'10" W	
	Tangent Direction:	S 17°37'50" E	
EC (1729)	1813661.008	6299297.783	0.00
	S 17°37'50" E	29.53	
BC (1730)	1813632.866	6299306.726	
PI	1813598.607	6299317.614	
CC (1731)	1813608.333	6299229.531	
	Radius:	81.00	
	Delta:	47°51'46" Right	
	Length:	67.66	
	Degree of Curvature (Arc):	70°44'08"	
	Tangent:	35.95	
	Chord:	65.71	
	Middle Ordinate:	6.96	
	External:	7.62	
	Tangent Direction:	S 17°37'50" E	
	Radial Direction:	S 72°22'10" W	
	Chord Direction:	S 6°18'03" W	
	Radial Direction:	N 59°46'04" W	
	Tangent Direction:	S 30°13'56" W	
PRC (1732)	1813567.549	6299299.514	
PI	1813523.191	6299273.664	
CC (1733)	1813520.106	6299380.926	
	Radius:	94.23	
	Delta:	57°10'07" Left	
	Length:	94.02	
	Degree of Curvature (Arc):	60°48'23"	
	Tangent:	51.34	
	Chord:	90.17	
	Middle Ordinate:	11.48	

	External:	13.08	
	Tangent Direction:	S 30°13'54" W	
	Radial Direction:	N 59°46'06" W	
	Chord Direction:	S 1°38'51" W	
	Radial Direction:	S 63°03'47" W	
	Tangent Direction:	S 26°56'13" E	
EC (1734)	1813477.421	6299296.922	0.00
	S 26°56'13" E	26.22	
BC (1735)	1813454.042	6299308.802	
PI	1813430.905	6299320.559	
CC (1736)	1813478.052	6299356.052	
	Radius:	53.00	
	Delta:	52°10'45" Left	
	Length:	48.27	
	Degree of Curvature (Arc):	108°06'19"	
	Tangent:	25.95	
	Chord:	46.62	
	Middle Ordinate:	5.40	
	External:	6.01	
	Tangent Direction:	S 26°56'13" E	
	Radial Direction:	S 63°03'47" W	
	Chord Direction:	S 53°01'35" E	
	Radial Direction:	S 10°53'02" W	
	Tangent Direction:	S 79°06'58" E	

Northing Error:	-566.139 ft
Easting Error:	174.332 ft
Closing Direction:	N 17°06'55" W
Closing Distance:	592.37 ft
Precision:	1.04

**Alignment Name: E13**

**Alignment Description: TRAIL PARCEL E**

POB (1737)	1813426.005	6299346.044	0.00
	N 11°09'26" E	6.00	
BC (1738)	1813431.892	6299347.205	
PI	1813421.317	6299402.382	
CC (1739)	1813335.643	6299328.759	
	Radius:	98.00	
	Delta:	59°38'56" Right	
	Length:	102.02	
	Degree of Curvature (Arc):	58°27'54"	

	Tangent:	56.18	
	Chord:	97.48	
	Middle Ordinate:	12.98	
	External:	14.96	
	Tangent Direction:	S 79°09'03" E	
	Radial Direction:	S 10°50'57" W	
	Chord Direction:	S 49°19'35" E	
	Radial Direction:	S 70°29'53" W	
	Tangent Direction:	S 19°30'07" E	
EC (1740)	1813368.360	6299421.137	0.00
	S 19°18'21" W	8.47	
BC (1741)	1813360.370	6299418.338	
PI	1813409.968	6299397.675	
CC (1742)	1813321.912	6299326.029	
	Radius:	100.00	
	Delta:	56°29'54" Left	
	Length:	98.61	
	Degree of Curvature (Arc):	57°17'45"	
	Tangent:	53.73	
	Chord:	94.66	
	Middle Ordinate:	11.91	
	External:	13.52	
	Tangent Direction:	N 22°37'04" W	
	Radial Direction:	N 67°22'56" E	
	Chord Direction:	N 50°52'01" W	
	Radial Direction:	N 10°53'02" E	
	Tangent Direction:	N 79°06'58" W	
EC (1743)	1813420.113	6299344.911	0.00
	N 10°53'02" E	6.00	
POE (1737)	1813426.005	6299346.044	0.00

**Northing Error:** -0.000 ft  
**Easting Error:** 0.000 ft  
**Closing Direction:** N 83°18'10" W  
**Closing Distance:** 0.00 ft  
**Closed Area:** 979.599 <sup>sq</sup>/<sub>ft</sub> 0.022 ac  
**Perimeter:** 221.10 ft  
**Precision:** 3435254253.83

**Alignment Name:** E14  
**Alignment TRAIL PARCEL B**

**Description:**

POB (1710)	1814108.038	6299121.937	0.00
N 60°31'25" E	6.00		
PI (1709)	1814110.991	6299127.160	0.00
S 29°28'36" E	8.46		
BC (1744)	1814103.628	6299131.322	
PI	1814066.768	6299152.156	
CC (1686)	1813851.688	6298685.597	
	Radius:	512.00	
	Delta:	9°27'17" Right	
	Length:	84.49	
	Degree of Curvature (Arc):	11°11'26"	
	Tangent:	42.34	
	Chord:	84.39	
	Middle Ordinate:	1.74	
	External:	1.75	
	Tangent Direction:	S 29°28'36" E	
	Radial Direction:	S 60°31'24" W	
	Chord Direction:	S 24°44'58" E	
	Radial Direction:	S 69°58'41" W	
	Tangent Direction:	S 20°01'19" E	
EC (1716)	1814026.987	6299166.653	0.00
S 69°58'41" W	6.00		
PI (1715)	1814024.933	6299161.015	0.00
S 69°58'41" W	6.00		
BC (1723)	1814022.878	6299155.378	
PI	1814061.727	6299141.221	
CC (1686)	1813851.688	6298685.597	
	Radius:	500.00	
	Delta:	9°27'17" Left	
	Length:	82.51	
	Degree of Curvature (Arc):	11°27'33"	
	Tangent:	41.35	
	Chord:	82.41	
	Middle Ordinate:	1.70	
	External:	1.71	
	Tangent Direction:	N 20°01'19" W	
	Radial Direction:	N 69°58'41" E	
	Chord Direction:	N 24°44'58" W	
	Radial Direction:	N 60°31'24" E	
	Tangent Direction:	N 29°28'36" W	
EC (1745)	1814097.723	6299120.875	0.00
N 29°28'36" W	8.46		

PI (1711)	1814105.086	6299116.713	0.00
N 60°31'24" E	6.00		
POE (1710)	1814108.038	6299121.937	0.00

**Northing Error:** -0.000 ft  
**Easting Error:** 0.000 ft  
**Closing Direction:** N 13°36'39" W  
**Closing Distance:** 0.00 ft

**Closed Area:** 1103.472 <sup>sq</sup>ft 0.025 ac  
**Perimeter:** 207.91 ft  
**Precision:** 237498511.52

**Alignment Name:** E15  
**Alignment Description:** TRAIL PARCEL D

POB (1720)	1813989.131	6299172.583	0.00
N 73°53'03" E	6.00		
PI (1719)	1813990.797	6299178.347	0.00
S 16°06'57" E	246.93		
BC (1746)	1813753.574	6299246.889	
PI	1813733.320	6299252.742	
CC (1725)	1813778.001	6299331.431	
	Radius:	88.00	
	Delta:	26°56'43" Left	
	Length:	41.38	
	Degree of Curvature (Arc):	65°06'32"	
	Tangent:	21.08	
	Chord:	41.00	
	Middle Ordinate:	2.42	
	External:	2.49	
	Tangent Direction:	S 16°06'57" E	
	Radial Direction:	S 73°53'03" W	
	Chord Direction:	S 29°35'19" E	
	Radial Direction:	S 46°56'20" W	
	Tangent Direction:	S 43°03'40" E	
EC (1747)	1813717.916	6299267.136	0.00
S 43°03'40" E	16.13		
BC (1748)	1813706.134	6299278.147	
PI	1813687.340	6299295.710	
CC (1728)	1813628.297	6299194.856	

	Radius:	114.00	
	Delta:	25°25'50" Right	
	Length:	50.60	
	Degree of Curvature (Arc):	50°15'34"	
	Tangent:	25.72	
	Chord:	50.18	
	Middle Ordinate:	2.80	
	External:	2.87	
	Tangent Direction:	S 43°03'40" E	
	Radial Direction:	S 46°56'20" W	
	Chord Direction:	S 30°20'45" E	
	Radial Direction:	S 72°22'10" W	
	Tangent Direction:	S 17°37'50" E	
EC (1749)	1813662.825	6299303.501	0.00
	S 17°37'50" E	29.53	
BC (1750)	1813634.684	6299312.445	
PI	1813597.887	6299324.139	
CC (1731)	1813608.333	6299229.531	
	Radius:	87.00	
	Delta:	47°51'45" Right	
	Length:	72.68	
	Degree of Curvature (Arc):	65°51'26"	
	Tangent:	38.61	
	Chord:	70.58	
	Middle Ordinate:	7.48	
	External:	8.18	
	Tangent Direction:	S 17°37'50" E	
	Radial Direction:	S 72°22'10" W	
	Chord Direction:	S 6°18'03" W	
	Radial Direction:	N 59°46'05" W	
	Tangent Direction:	S 30°13'55" W	
PRC (1751)	1813564.529	6299304.698	
PI	1813522.995	6299280.494	
CC (1733)	1813520.106	6299380.926	
	Radius:	88.23	
	Delta:	57°10'08" Left	
	Length:	88.03	
	Degree of Curvature (Arc):	64°56'30"	
	Tangent:	48.07	
	Chord:	84.42	
	Middle Ordinate:	10.75	
	External:	12.25	
	Tangent Direction:	S 30°13'55" W	
	Radial Direction:	N 59°46'05" W	

	Chord Direction:	S 1^38'51" W	
	Radial Direction:	S 63^03'47" W	
	Tangent Direction:	S 26^56'13" E	
EC (1752)	1813480.139	6299302.271	0.00
	S 26^56'13" E	26.22	
BC (1753)	1813456.760	6299314.151	
PI	1813436.227	6299324.585	
CC (1736)	1813478.052	6299356.052	
	Radius:	47.00	
	Delta:	52^12'50" Left	
	Length:	42.83	
	Degree of Curvature (Arc):	121^54'21"	
	Tangent:	23.03	
	Chord:	41.36	
	Middle Ordinate:	4.80	
	External:	5.34	
	Tangent Direction:	S 26^56'13" E	
	Radial Direction:	S 63^03'47" W	
	Chord Direction:	S 53^02'38" E	
	Radial Direction:	S 10^50'57" W	
	Tangent Direction:	S 79^09'03" E	
EC (1738)	1813431.892	6299347.205	0.00
	S 11^09'26" W	6.00	
PI (1737)	1813426.005	6299346.044	0.00
	S 10^53'02" W	6.00	
BC (1743)	1813420.113	6299344.911	
PI	1813425.568	6299316.540	
CC (1736)	1813478.052	6299356.052	
	Radius:	59.00	
	Delta:	52^10'45" Right	
	Length:	53.73	
	Degree of Curvature (Arc):	97^06'41"	
	Tangent:	28.89	
	Chord:	51.89	
	Middle Ordinate:	6.01	
	External:	6.69	
	Tangent Direction:	N 79^06'58" W	
	Radial Direction:	N 10^53'02" E	
	Chord Direction:	N 53^01'35" W	
	Radial Direction:	N 63^03'47" E	
	Tangent Direction:	N 26^56'13" W	
EC (1754)	1813451.324	6299303.453	0.00
	N 26^56'13" W	26.22	
BC (1755)	1813474.703	6299291.573	



PI	1813523.388	6299266.834	
CC (1733)	1813520.106	6299380.926	
	Radius:	100.23	
	Delta:	57°10'07" Right	
	Length:	100.00	
	Degree of Curvature (Arc):	57°09'58"	
	Tangent:	54.61	
	Chord:	95.91	
	Middle Ordinate:	12.22	
	External:	13.91	
	Tangent Direction:	N 26°56'13" W	
	Radial Direction:	N 63°03'47" E	
	Chord Direction:	N 1°38'51" E	
	Radial Direction:	S 59°46'06" E	
	Tangent Direction:	N 30°13'54" E	
PRC (1756)	1813570.570	6299294.330	
PI	1813599.328	6299311.089	
CC (1731)	1813608.333	6299229.531	
	Radius:	75.00	
	Delta:	47°51'46" Left	
	Length:	62.65	
	Degree of Curvature (Arc):	76°23'40"	
	Tangent:	33.28	
	Chord:	60.85	
	Middle Ordinate:	6.45	
	External:	7.05	
	Tangent Direction:	N 30°13'56" E	
	Radial Direction:	S 59°46'04" E	
	Chord Direction:	N 6°18'03" E	
	Radial Direction:	N 72°22'10" E	
	Tangent Direction:	N 17°37'50" W	
EC (1757)	1813631.049	6299301.008	0.00
	N 17°37'50" W	29.53	
BC (1758)	1813659.191	6299292.065	
PI	1813681.125	6299285.094	
CC (1728)	1813628.297	6299194.856	
	Radius:	102.00	
	Delta:	25°25'50" Left	
	Length:	45.27	
	Degree of Curvature (Arc):	56°10'20"	
	Tangent:	23.02	
	Chord:	44.90	
	Middle Ordinate:	2.50	
	External:	2.56	

	Tangent Direction:	N 17^37'50" W	
	Radial Direction:	N 72^22'10" E	
	Chord Direction:	N 30^20'45" W	
	Radial Direction:	N 46^56'20" E	
	Tangent Direction:	N 43^03'40" W	
EC (1759)	1813697.941	6299269.379	0.00
	N 43^03'40" W	16.13	
BC (1760)	1813709.723	6299258.369	
PI	1813727.227	6299242.011	
CC (1725)	1813778.001	6299331.431	
	Radius:	100.00	
	Delta:	26^56'43" Right	
	Length:	47.03	
	Degree of Curvature (Arc):	57^17'45"	
	Tangent:	23.96	
	Chord:	46.60	
	Middle Ordinate:	2.75	
	External:	2.83	
	Tangent Direction:	N 43^03'40" W	
	Radial Direction:	N 46^56'20" E	
	Chord Direction:	N 29^35'19" W	
	Radial Direction:	N 73^53'03" E	
	Tangent Direction:	N 16^06'57" W	
EC (1761)	1813750.243	6299235.361	0.00
	N 16^06'57" W	246.93	
PI (1721)	1813987.466	6299166.819	0.00
	N 73^53'03" E	6.00	
POE (1720)	1813989.131	6299172.583	0.00

**Northing Error:** 0.000 ft  
**Easting Error:** -0.000 ft  
**Closing Direction:** S 4^01'53" E  
**Closing Distance:** 0.00 ft  
**Closed Area:** 7450.848 <sup>sq</sup>ft 0.171 ac  
**Perimeter:** 1265.82 ft  
**Precision:** 2095730257.00