

Raw File: D:\2022 Surveys\CEI\Shaw Acres\LOT 18\LOT18_19SVY.rw5

CRD File: D:\2022 Surveys\CEI\Shaw Acres\LOT 18\LOT18_19FROMRAW.crd

Distance Scale Factor: 1.000000000000

Note

JB,NMShaw Acres 18 19,DT04-01-2022,TM08:31:17

MO,AD0,UN2,SF1.000000000,EC0,EO0.0,AU0

.Survey to .Raw conversion version:6.3.0.0

Created by version 6.3.0.37, Nomad (VS1IC09033).

Date: 4/1/22, Time: 08:31:22.000

PntNo	Northing	Easting	Elevation	Desc
1	5000.00000	5000.00000	0.00000	72_113P
2	5014.09506	4973.51738	0.00000	72_113P
3	5123.50563	4767.95044	0.00000	72_113P
4	5322.81514	4875.21023	0.00000	72_113P
5	5351.38291	4890.58417	0.00000	72_113P
6	5322.08279	5173.39149	0.00000	72_113P
7	4912.42114	4953.00728	0.00000	72_113P
8	4763.86934	4881.69942	0.00000	72_113P
9	4775.83086	4854.17630	0.00000	72_113P
10	4867.54517	4643.14432	0.00000	72_113P
11	4992.74375	4697.55551	0.00000	72_113P
12	4754.15102	4593.86333	0.00000	72_113P
13	4493.79988	4797.19992	0.00000	72_113P
14	4500.99810	4768.06600	0.00000	72_113P
15	5296.85897	5125.74138	0.00000	CALC
16	4926.71244	4926.62976	0.00000	CALC

Note

Coordinates imported from LOTS18_19_SHAWACRES.cr5 as US Survey Feet

Backup to archive: Shaw Acres 18 19 Date: 04-01-2022 Time: 08:32:48

Opened by version 6.3.0.37, Nomad (VS1IC09033).

Date: 4/1/22, Time: 12:00:47.000

PntNo	Northing	Easting	Elevation	Desc
51	5000.00000	5000.00000	0.00000	sn

Note

Target Generic Prism: "My Prism", HR:4.960 (4.960 + 0.000 Offset), Prism Const.:0.0mm

Activating Total Station: Topcon GPT Series Mechanical, Bluetooth

OC,OP51,N 4991.424829,E 5011.756637,EL0.000000,--sn

OcPt	BsPt	Azi	BackCircle
51	0	180°00'00"	0°00'00"

InstHt	RodHt
5.000	4.960

NO BS CHECK; MISSING POINTS 50(BS), 150, 151

Note

Target Reflectorless: "My Reflectorless", HR:0.000 (0.000 + 0.000 Offset), Prism Const.:0.0mm

InstHt RodHt
5.000 0.000

Note

OF,AR319.462200,ZE95.532900,SD20.520000

OF:HD0.400000,--Horizontal Distance Offset

OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS 51	152	AR 319°46'22"	20.918	95°46'44"	up end

Note

OF,AR96.464700,ZE76.364300,SD48.115000

OF:HD0.400000,--Horizontal Distance Offset

OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS 51	153	AR 96°46'47"	48.504	76°43'17"	up

Note

OF,AR12.091300,ZE87.343200,SD267.115000

OF:HD0.400000,--Horizontal Distance Offset

OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS 51	154	AR 12°09'13"	267.515	87°34'45"	up

Note

Target Generic Prism: "My Prism", HR:4.960 (4.960 + 0.000 Offset), Prism Const.:0.0mm

InstHt RodHt
5.000 4.960

PntNo	Northing	Easting	Elevation	Desc
52	5369.23990	5028.52905	9.87346	sn

OcPt	BsPt	Azi	BackCircle
52	51		0°00'00"

InstHt RodHt
5.000 4.960

Note

Check Point: 51

OB,OP52,FP51,AR0.000000,ZE91.365200,SD378.335000,--sn

Check Point: Date: 4/1/22, Time: 12:36:35.000

delta= N:-0.00218 E:0.000908 Elev:0.745616

delta= N:-0.00218 E:0.000908 Elev:0.745616

raw= HR:4.96 HA:0.0000 SD:378.335 ZA:91.3652

Backup to archive: Shaw Acres 18 19 Date: 04-01-2022 Time: 12:37:06

Backup to archive: ADJ_TRANS01 Date: 04-01-2022 Time: 12:38:09

PntNo	Northing	Easting	Elevation	Desc
109	4775.83087	4854.17630	0.88400	eip

Note

Adjustment: Translate

Azimuth: 291.491525

Horizontal Distance: 102.102368

Vertical Distance:

Point(s) adjusted: 51, 50, 150, 151, 152, 153, 154, 109, 155, 156, 157, 158, 102, 159, 160, 161, 162, 163,

Backup to archive: ADJ_ROTATE01 Date: 04-01-2022 Time: 12:39:21

PntNo	Northing	Easting	Elevation	Desc
51	4991.42483	5011.75664	0.00000	sn (ACTUAL COORDINATE AFTER TRANSLATE & ROTATE 4954.3286, 4945.7274)
50	4683.00887	4866.98538	-4.92200	sn
150	4764.67634	4892.04167	-2.64900	ep WHERE DID THIS COME FROM?
151	4743.53581	4862.19462	-1.97700	ep
152	4971.33005	5017.17175	2.89400	up end
153	5016.38868	4971.68984	16.14100	up
154	4778.81138	4849.79390	16.29900	up
155	4797.24513	4872.31608	-0.47100	15 rcp
156	4818.78927	4883.18122	0.24600	15 rcp
157	4856.87464	4912.94708	0.50100	ep
158	4933.43761	4952.47841	1.01900	ep
102	5014.08244	4973.51107	2.47700	eip
159	5026.30165	4958.95887	5.70200	anc
160	5030.67443	4979.62318	2.16200	anc
161	5035.48278	4995.03446	1.58500	15 rcp
162	5056.72053	5006.37903	1.58600	15 rcp
163	5030.48372	4988.90648	0.90100	ohu
164	5055.23987	5018.29117	1.48500	ep
165	5162.49176	5076.12912	2.89100	ep
166	5190.27419	5076.38669	2.64500	24 rcp
167	5211.46225	5087.72778	3.56400	24 rcp
52	5369.23990	5028.52905	9.87300	sn

Note

Adjustment: Rotation

Base Point: 109

Angle: 25.084374

Angle computed from (Old Az: 1.273513) to (New Az: 26.361887)

Point(s) adjusted: 51, 50, 150, 151, 152, 153, 154, 155, 156, 157, 158, 102, 159, 160, 161, 162, 163, 164,

Point(s) replaced: 51, 50, 150, 151, 152, 153, 154, 155, 156, 157, 158, 102, 159, 160, 161, 162, 163, 164,

BS Circle check : angular err= 0.0000

Target Reflectorless: "My Reflectorless", HR:0.000 (0.000 + 0.000 Offset), Prism Const.:0.0mm

InstHt RodHt

5.000 0.000

Note

OF,AR324.043300,ZE92.280200,SD236.880000

OF:HD0.400000,--Horizontal Distance Offset

OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS 52	168	AR 324°04'33"	237.280	92°27'47"	up

Note

OF,AR272.414000,ZE89.571700,SD210.370000

OF:HD0.400000,--Horizontal Distance Offset

OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS 52	169	AR 272°41'40"	210.770	89°57'17"	up

Note

OF,AR92.202500,ZE90.204800,SD86.890000

OF:HD0.400000,--Horizontal Distance Offset

OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS 52	170	AR 92°20'25"	87.290	90°20'42"	up

Note

OF,AR57.112900,ZE90.371300,SD108.905000

OF:HD0.400000,--Horizontal Distance Offset

OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS 52	171	AR 57°11'29"	109.305	90°37'05"	up end

Note

OF,AR92.414100,ZE89.461400,SD455.715000

OF:HD0.400000,--Horizontal Distance Offset

OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS 52	172	AR 92°41'41"	456.115	89°46'15"	up

Note

Target Generic Prism: "My Prism", HR:4.960 (4.960 + 0.000 Offset), Prism Const.:0.0mm

InstHt	RodHt
5.000	4.960

OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS 52	173	AR 345°11'46"	196.815	92°53'54"	18 rcp
SS 52	174	AR 336°38'46"	228.305	92°43'59"	18 rcp
SS 52	175	AR 304°55'24"	104.300	92°04'48"	18 rcp
SS 52	176	AR 279°05'43"	90.925	91°19'39"	18 rcp
SS 52	177	AR 284°02'51"	106.040	90°12'25"	ep
SS 52	178	AR 281°39'38"	124.290	90°13'48"	ep
SS 52	179	AR 277°34'21"	140.000	90°12'03"	ep
SS 52	180	AR 272°16'16"	154.045	90°08'41"	ep
SS 52	181	AR 265°30'31"	166.115	90°03'14"	ep
SS 52	182	AR 267°59'52"	184.935	90°03'26"	ep
SS 52	183	AR 275°54'54"	188.605	90°07'01"	ep
SS 52	184	AR 278°49'07"	207.620	90°01'51"	ep
SS 52	185	AR 284°24'18"	206.200	90°03'37"	ep
SS 52	186	AR 287°26'58"	183.090	90°13'58"	ep
SS 52	187	AR 292°42'37"	167.800	90°27'07"	ep
SS 52	188	AR 298°56'55"	162.085	90°45'38"	ep
SS 52	189	AR 305°41'08"	162.800	91°06'58"	ep
SS 52	190	AR 328°43'00"	166.940	91°57'01"	ep

SS 52	191	AR 319°59'54"	152.750	91°46'29"	ep
SS 52	192	AR 312°49'03"	143.965	91°29'39"	ep
SS 52	193	AR 306°21'26"	134.410	91°11'34"	ep
SS 52	194	AR 301°01'38"	119.445	90°45'33"	ep
SS 52	195	AR 297°55'46"	103.690	90°25'01"	ep
SS 52	196	AR 300°33'35"	86.555	90°17'15"	ep
SS 52	197	AR 357°19'44"	50.960	92°15'11"	15 rcp
SS 52	198	AR 23°42'54"	53.940	91°31'19"	15 rcp
SS 52	199	AR 39°47'19"	49.550	89°40'20"	ep
SS 52	200	AR 53°00'34"	115.870	91°25'18"	anc
SS 52	104	AR 71°03'32"	158.885	90°01'28"	eip
SS 52	201	AR 80°39'41"	182.945	89°21'21"	ep
SS 52	202	AR 85°41'32"	154.595	89°20'26"	ep

Note

Date: 4/1/22, Time: 13:08:15.000

	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS 52	53		AR 60°59'13"	357.940	89°21'45"	sn
TR 52	53		AR 60°59'13"	357.940	89°21'45"	sn

Note

OC,OP53,N 5209.698862,E 4708.135787,EL13.895987,--sn

OcPt	BsPt	Azi	BackCircle
53	52		0°00'00"
InstHt	RodHt		
5.000	4.960		

Note

Check Point: 52

OB,OP53,FP52,AR0.000000,ZE90.491300,SD357.950000,--sn

Check Point: Date: 4/1/22, Time: 13:20:58.000

delta= N:0.002018 E:0.004052 Elev:1.061905

delta= N:0.002018 E:0.004052 Elev:1.061905

raw= HR:4.96 HA:0.0000 SD:357.95 ZA:90.4913

	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS 53	54		AR 128°38'03"	343.010	90°30'50"	sn
TR 53	54		AR 128°38'03"	343.010	90°30'50"	sn

Note

OC,OP54,N 4874.402162,E 4635.868792,EL10.859554,--sn

OcPt	BsPt	Azi	BackCircle
54	53		0°00'00"
InstHt	RodHt		
5.000	4.960		

Note

Check Point: 53

OB,OP54,FP53,AR0.000000,ZE89.401000,SD342.990000,--sn

Check Point: Date: 4/1/22, Time: 14:04:32.000

delta= N:0.011644 E:0.00251 Elev:1.017638

delta= N:0.011644 E:0.00251 Elev:1.017638

raw= HR:4.96 HA:0.0000 SD:342.99 ZA:89.4010

	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS 54		110	AR 120°22'59"	9.995	95°36'19"	eip
SS 54		112	AR 187°06'25"	127.315	91°29'45"	eip
SS 54		55	AR 117°27'56"	300.595	93°18'05"	sn
TR 54		55	AR 117°27'56"	300.595	93°18'05"	sn

Note

OC,OP55,N 4682.998534,E 4867.001532,EL-6.411180,--sn

OcPt	BsPt	Azi	BackCircle
55	54		0°00'00"

InstHt	RodHt
5.000	4.960

Note

Check Point: 54

OB,OP55,FP54,AR0.000000,ZE86.512900,SD300.555000,--sn

Check Point: Date: 4/1/22, Time: 14:18:54.000

delta= N:-0.00451 E:0.005446 Elev:0.757375

delta= N:-0.00451 E:0.005446 Elev:0.757375

raw= HR:4.96 HA:0.0000 SD:300.555 ZA:86.5129

Target Reflectorless: "My Reflectorless", HR:0.000 (0.000 + 0.000 Offset), Prism Const.:0.0mm

InstHt	RodHt
5.000	0.000

Note

OF,AR259.363700,ZE90.220300,SD207.375000

OF:HD0.400000,--Horizontal Distance Offset

	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS 55		203	AR 259°36'37"	207.775	90°22'00"	up

Note

Target Generic Prism: "My Prism", HR:4.960 (4.960 + 0.000 Offset), Prism Const.:0.0mm

InstHt	RodHt
5.000	4.960

	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS 55		204	AR 29°31'30"	109.270	87°17'25"	anc
SS 55		114	AR 258°53'29"	207.070	90°42'05"	eip

Note

Date: 4/1/22, Time: 14:27:23.000

	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS 55		56	AR 75°30'38"	340.750	89°17'21"	close

NO FILE BACKUP INFORMATION