

Traverse Closures

File involved: [ap_lvp1.trv](#)

Automated Platting provides traverse closures for the boundary, lots, tracts, and rights-of-way. The traverse closures come as an ASCII text report file with the .trv extension. Should you wish to generate your own traverse closures from third party software, API provides the client with the raw materials to be able to generate these types of closures. The layers [ap-polybdry](#), [ap-polyrow](#), and [ap-polylot](#) provide the client with the polylines required to quickly perform these operations. If entities are preferred instead of polylines, we recommend using the [ap-xxxbkn](#) layers for assembling such closures.

Automated Platting's format for traverse closures was chosen to directly replicate our automated polylines and reflect the accuracy that is consistent throughout all of our software. At a future date, we may also provide a traverse closure format that replicates the annotation to the nearest second for bearings and the nearest 0.01' for distances, thereby producing a manufactured, "Error of Closure."

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Automated Platting, Inc.		AP_LVP1.DWG	
LOT TRAVERSE CLOSURES			
TRAVERSE CLOSURE FOR LOT 1			
BEARING	DISTANCE	LATITUDE NORTHING	DEPARTURE EASTING
Beginning Coordinate		8668.8883	27788.9942
South 12°16'32.28" East	114.3025	-111.6891	24.3024
South 77°43'27.72" West	55.0000	8557.1993	27813.2966
North 12°16'32.28" West	110.0000	-11.6938	-53.7425
North 73°15'05.16" East	55.1680	8545.5055	27759.5542
		107.4850	-23.3876
		8652.9904	27736.1665
		15.8979	52.8277
		8668.8883	27788.9942
ERROR OF CLOSURE COURSE:			
North 90°00'00.00" East	0.0000	0.0000	0.0000
		8668.8883	27788.9942
Containing 6168.32 SF. or 0.142 AC.			
TRAVERSE CLOSURE FOR LOT 2			
BEARING	DISTANCE	LATITUDE NORTHING	DEPARTURE EASTING
Beginning Coordinate		8678.2040	27869.1831
South 01°45'36.19" West	115.0142	-114.9600	-3.5325
South 01°45'36.19" West	175.0000	8563.2440	27865.6505
		-174.9174	-5.3749
		8388.3266	27860.2756
Delta = 014°02'08.47"	Chd Brg = South 84°44'31.95" West		
L= 42.8696'	Chd = 42.7625'	T= 21.5426'	
North 12°16'32.28" West	175.0000	170.9988	-37.2076
		8559.3254	27823.0680
South 77°43'27.72" West	10.0000	-2.1261	-9.7714
		8557.1993	27813.2966
North 12°16'32.28" West	114.3025	-11.6891	-24.3024
		8668.8883	27788.9942
North 73°15'05.16" East	2.6054	0.7508	2.4949
		8669.6391	27791.4891
North 81°57'20.27" East	68.7354	9.6188	68.0590
		8679.2580	27859.5482
South 83°45'26.25" East	9.6924	-1.0540	9.6349
		8678.2040	27869.1831
ERROR OF CLOSURE COURSE:			
North 90°00'00.00" East	0.0000	0.0000	0.0000
		8678.2040	27869.1831
Containing 7627.09 SF. or 0.175 AC.			