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Intersections

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Intersections



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Intersections

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Intersections



This function makes it very easy to create a point which represents the intersection of two different offset lines. This can be useful for computing a Block Corner when two centerlines are known. You can also use this function to create the corner of a house given two property lines and two setback lines (offsets from property lines). All that is needed are the two offset amounts and two points representing each line. Follow the examples below for a step-by-step guide to using the function.

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Intersections



The **Known Offset** function is very useful when computing Block corners or any time when the shifting of an offset cross, iron pipe, rebar, brass cap, or notch is needed. Refer to the figure on the next page for the following example.

In computing the lot corners for Lot 2 in Block 8, it is desired that the Block Corners #107 and #108 be computed. This will be done by using the various found notches and crosses. The Block corner at 108 can be easily created by using the **Line-Line Intersect** routine. The first Line is 100-103. The second line would be at #102 sighting #105 pulled 66' East. This is where the Known Offset routine comes into play.

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Intersections

The new block corner (saved as #110) is now created.

Note: Keep in mind that when using this function, the triangle which will be used will determine the outcome of the computed coordinate. For instance, to create #110 you would *not* use 'Hold #102' and specify '3 feet left' and '3 feet towards', since this would give a bogus answer. In other words, the point to be 'moved' should end up on a baseline with the point held. Also note that the point 'moved' is unaffected and its coordinate value is *not* changed.

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