Proposed Redacted Version of Exhibit 2007

Reference Guide: Twister

Eagle View Technologies, Inc.

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Eagle View Measurements

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Eagle View 2007
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Notes

Overview

Each project you work is displayed in **Twister**. This is one of the programs you will use daily on the job. A shortcut should be on your computer desktop.

Twister is a software package developed by Eagle View Technologies to accurately measure line length, determine pitch value and calculate the surface area of roofs. Using these measurements, Eagle View generates reports with information needed by roofing companies and insurance companies to provide accurate bids on roof repairs without the overhead, time, and risk of sending someone to physically perform the estimates.

Twister utilizes aerial images taken from low flying airplanes (for best resolution) to calculate the dimensions of a roof using a **3D Grid** and other digital tools.

The following sections will show you how **Twister** works and provide detailed instructions on its use.

Launching Twister

Follow these steps to start using **Twister** for the first time:

1. To launch **Twister**, double-click the **Twister** icon on your desktop.

twister

2. The first thing you will see after launching the program is a Command window as the program loads. This window will disappear and you will be taken to the **Queue Monitor**.

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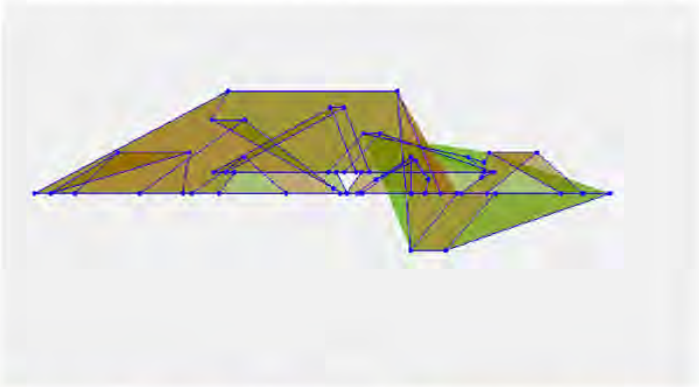
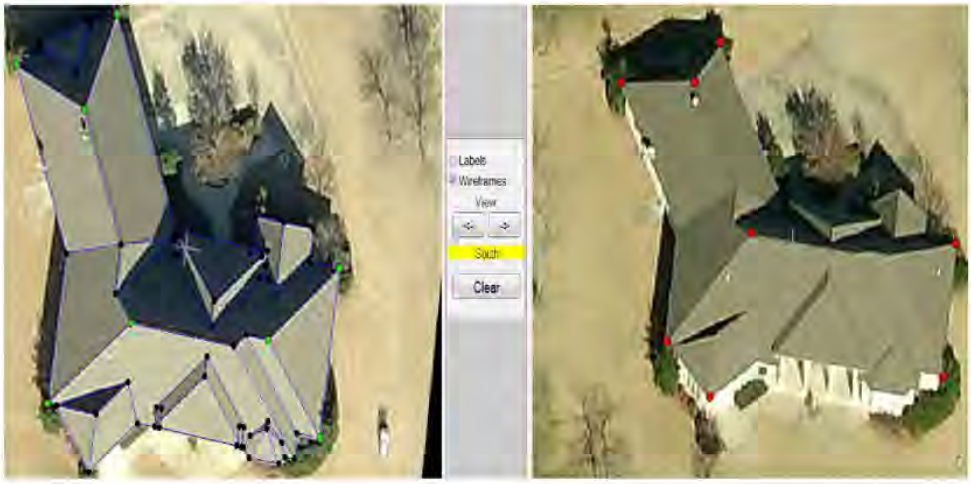
Notes

Description-

This is a second rectify screen where you can make edits and adjust for movements that have been created in the point plotting stage. If the wire frame looks extremely crooked and the house isn't sitting on the eaves in the planarization screen, chances are that there is a misplaced point and it is highly recommended that you review and edit the points you have plotted. This screen should have all the lines straight and has been adjusted for tilt. It is recommended that you check how well the wireframe sits on top of the house. This can be accomplished the same way by hitting the Alt button. Same tools apply from the previous screen as well.

You can also get a view of the 3D model of the house before the planarization screen as well. This is useful to see if you have any misplaced points. Here's an example:





If you notice in the point plotting view the (bottom image) that the green points (points selected) don't correspond with the right sight (points plotted) this is a simple indicator that there is a misplaced point. The correct version is on the page before. The 3D model made it evident that the point was improperly placed.

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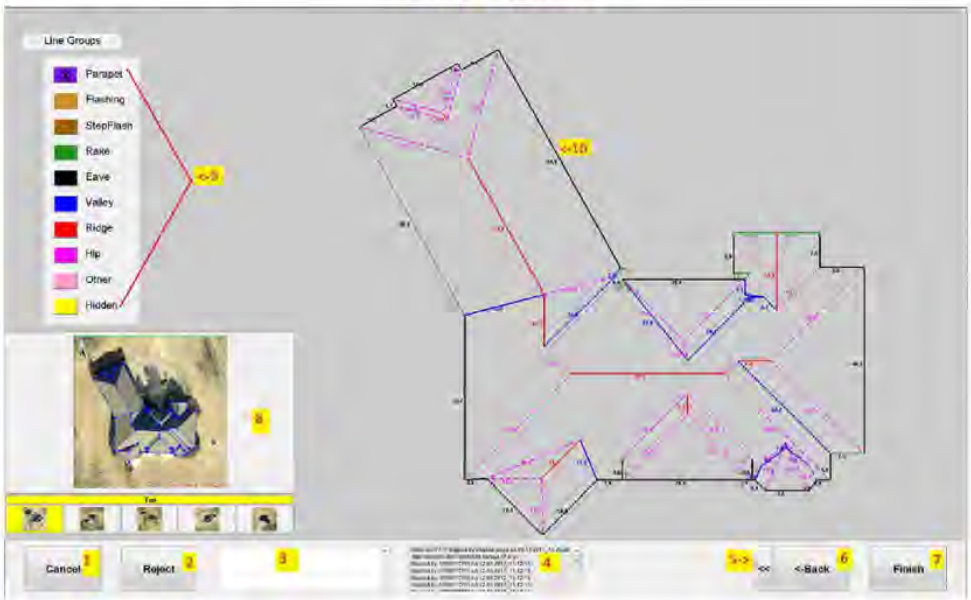
Notes

Line Labels



1. **Cancel**-exits out of the program, prompts you to save before exit.
2. **Rejects**-the file may kill it need verification
3. **Add additional notes**. Write in notes here such as planarization unsuccessful.
4. **Notes section**, where current notes are displayed such as who has opened the file and when, single structure true, and any special instructions and don't measure the garage.
5. **Jump back**-Leaps back to the drawing stage no matter what stage you are on.
6. **Back**-reverts back to previous stage.
7. **Next**-moves onto the next stage
8. **Top down and oblique images with wireframe**-shows the house and the side views as a reference to help identify pitch direction.
9. **Line selection**-same method as the pitch selection page; left click which line label that you want. An X will appear in the color box to the left indicating that line group has been selected. Once a line group is selected simply left click on the line that you want to change to that line label group.

Tools

- **Spacebar**-pressing the spacebar lets you select lines that underneath other lines, this is great for pieces that under hang.

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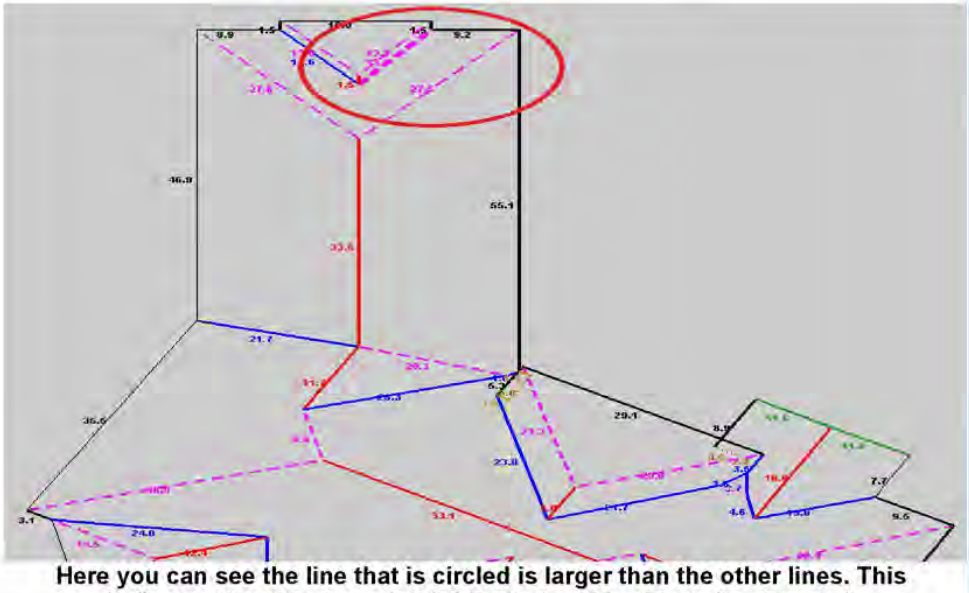
Notes

This stage is very straight forward; simply click on the line that you want to label. Line labels are selected on the left side of the screen. A "X" will mark what line label group is selected. Here's an example:

As you can see "valley" is selected



Here you can see the line that is circled is larger than the other lines. This indicates that the shape is highlighted and is able to be changed.

When the line labels are finished, simply press the finish button to complete the house.

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