

Drain Design freezing and/or producing jagged profile view  
OR Small Field design has jagged edge and difficult to see changes in elevation.

**Symptoms:**

**After Applying drain design, the tablet freezes.**

**Profile view of drain is jagged.**

**Small field design has jagged edges.**

**Small field not defined enough.**

**When I am in the Drains Design step, the profile view of my surveyed drain appears 'jagged' and 'corrupt'. I know what I am viewing in the drain profile window is not an accurate representation of the original surface.**

**Possible causes:**

**Pixel size is too large for thin drain.**

**Drain is long and the drain width is thin.**

**A drain survey was collected OVER a field survey (or visa versa).**

**Solutions:**

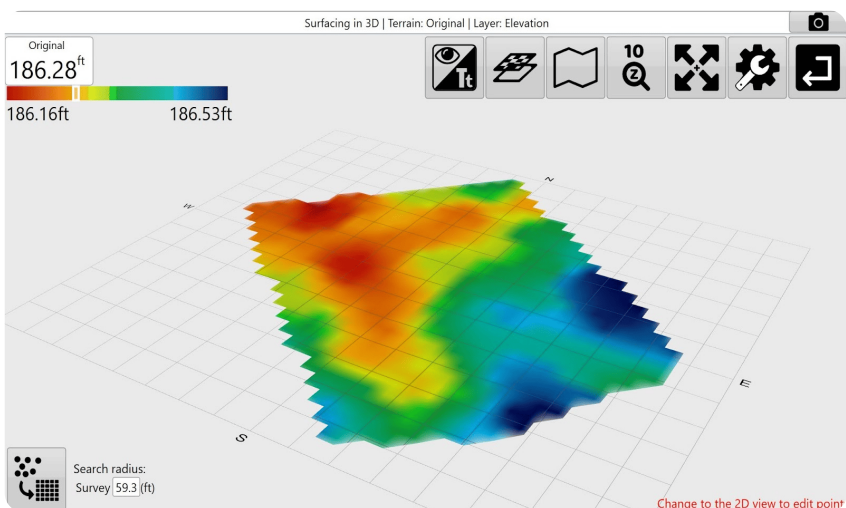
**Change Pixel size.**

**Change width of drain (only if the change will not affect implementation).**

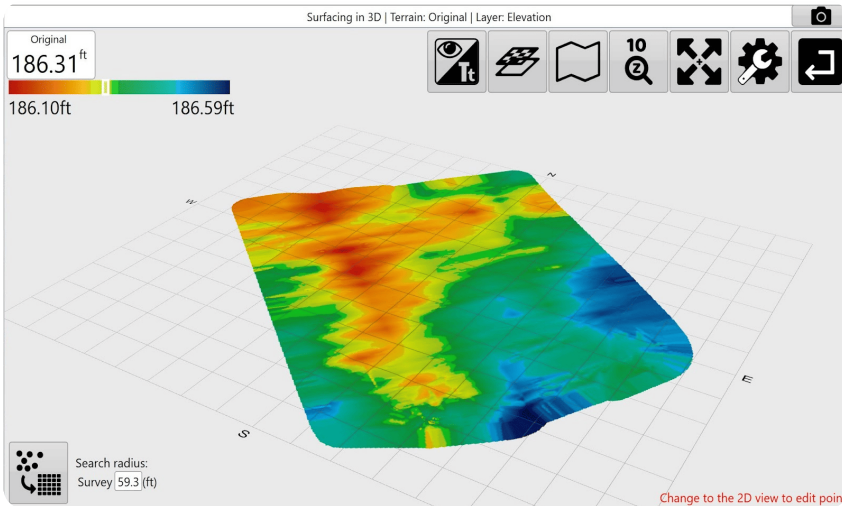
Image of profile view of drain with jagged drain line:



**Image of small field with large pixel size:**



**Image of small field with small pixel size:**



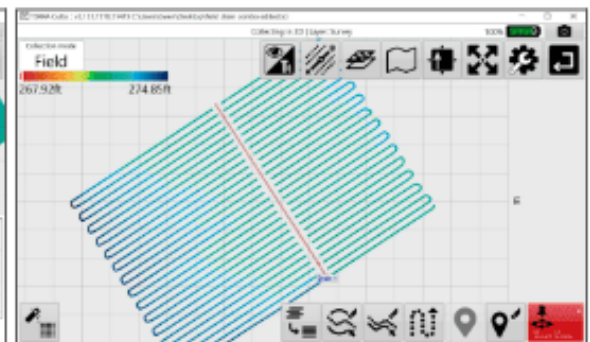
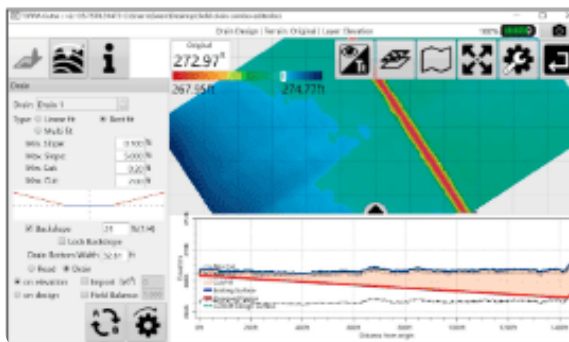
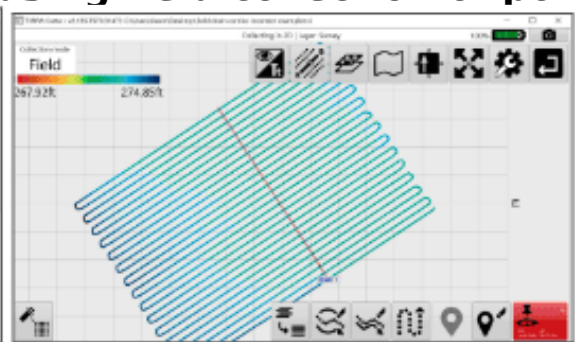
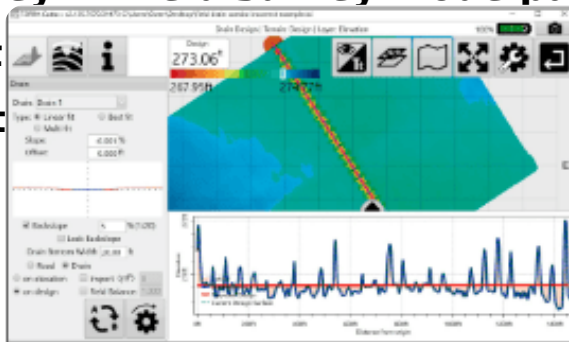
**Solutions if drain and field surveys overlap:**

**Delete the field elevation points directly under the drain path of drain surveyed points.**

**Resurvey in Field survey mode pausing field collection of points**

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