Inputs:

* *Existing\_H\_surface*
* *Existing\_H\_polygon*
* *New\_H\_surface*
* *New\_D\_surface*
* *Reference\_Points*

Script routine

1. Make a polygon of *New\_H\_surface* and save as *New\_H\_polygon*
2. *New\_H\_polygon* Clip (with subtract) *Existing\_H\_polygon* and save as *New\_H\_polygon\_*WDNW
3. *Existing\_H\_polygon* Clip (with subtract) *New\_H\_polygon* and save as *New\_H\_polygon\_*WWND
4. Subtract *New\_H\_surface* from *Existing\_H\_surface* and save as *New\_A\_surface*
5. Create 0.05m step increment contour areas of *New\_A\_surface* and save as *New\_A\_surface\_contours.*

When creating the contours, adjust the range to include -0.05 to -0.01 and then 0.01 to 0.05.

1. will be undefined.
2. Transfer Heights from *New\_H\_surface to Reference\_Points* column H (Floating-point (double) with 2 decimal places.
3. Transfer Heights from *New\_D\_surface* to *Reference\_Points* column D (Floating-point (double) with 2 decimal places.
4. Transfer Heights from New\_A\_surface to *Reference Points* column A (Floating-point (double) with 2 decimal places.
5. Create Label from Reference\_Points column H using the text format shown in the attached sample. Repeat for column D and A.

Outputs

* *New\_H\_polygon\_*WDNW
* *New\_H\_polygon\_*WWND
* *New\_A\_surface*
* *New\_A\_surface\_contours*
* *Reference Points*