

## How to survey with GNSS rover & Xpad

**Notebook:** Quicksheets

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**Tags:** GNSS Rover, Survey, Xpad

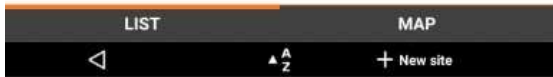
### How to survey with GNSS rover & Xpad

Created: 20200929\_PH



**To create a new site tap on the displayed site name**



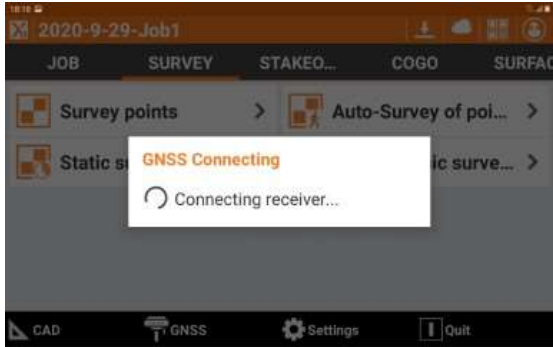
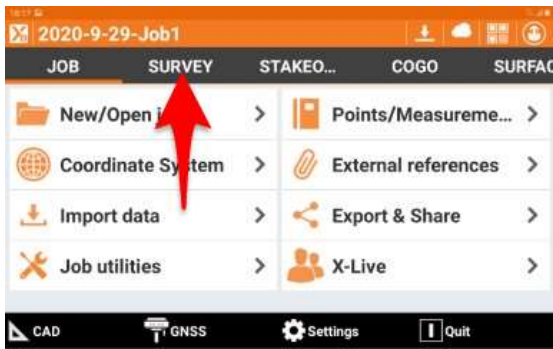


To add a new job tap on New Job



Xpad gives the job a default name of the date with Job1 added - tap to change

The default codes library is HitechniquesV3 - you can add and edit your own library

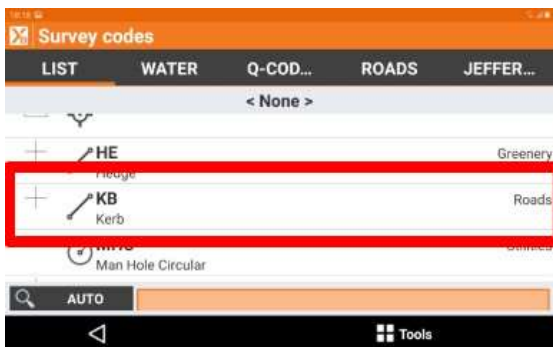


Note:  
Pole height = 1.8m

Hz Accuracy = 10mm  
Vertical Accuracy = 13mm

Must be RTK Fixed to survey

Tap Codelist to select code



Note:  
The KB Kerb code has a symbol +, it is a line, code is KB and it is on the Roads layer



The code is KB and it is Line #1 of the code KB

Tap Meas. & Store to record the point



The progress bar shows while measurement is in progress.

Keep the level vial central while the progress bar shows.

The software will beep when measurement is complete

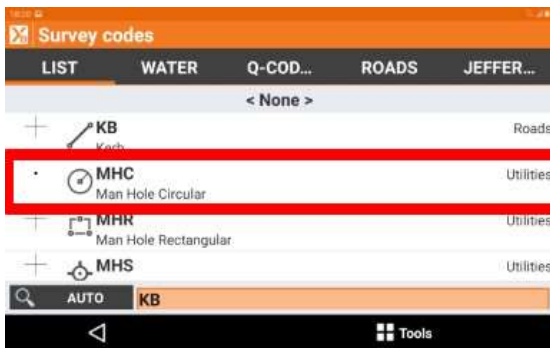


Point numbers increment automatically.

A blue line shows the active line being measured.

Blue arrows show the line direction

A blue triangle shows the instrument position



Some codes have smart drawing tools that require more than one measurement.

For example, the MHC requires a measurement at the centre and at the radius of the manhole



Double tap on the screen to open the CAD drawing



Note the manhole has been drawn to size

Tap on the X to go back to the survey screen



Tap on RTK Fixed to access the GNSS Status screen

