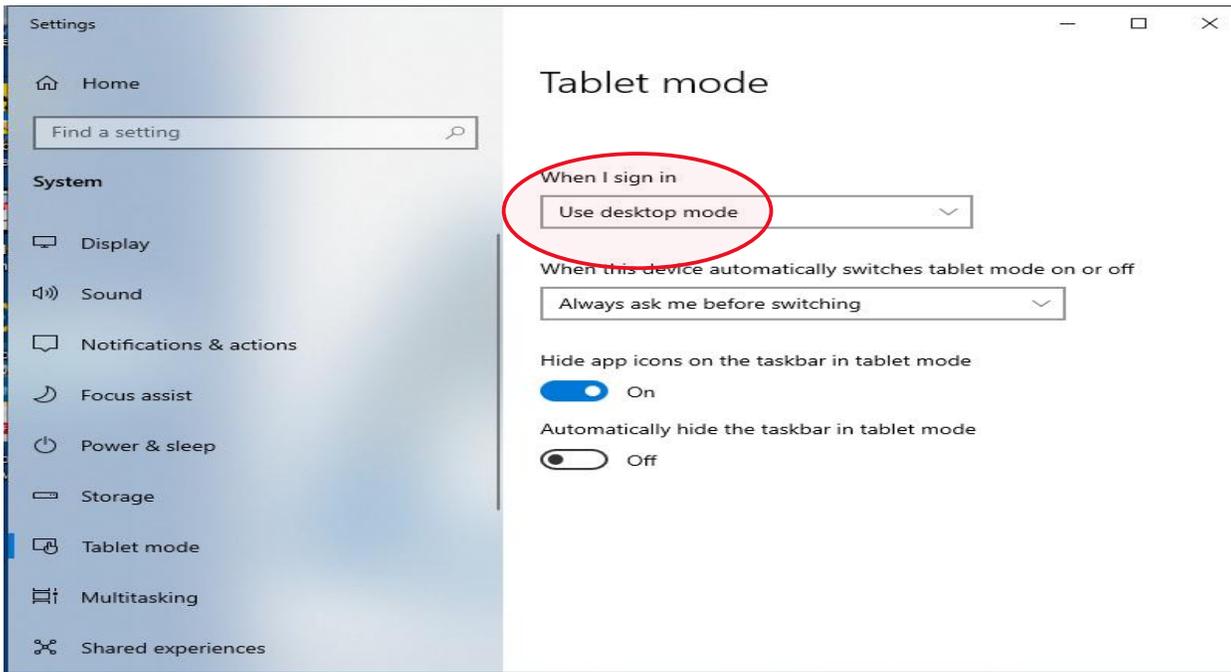


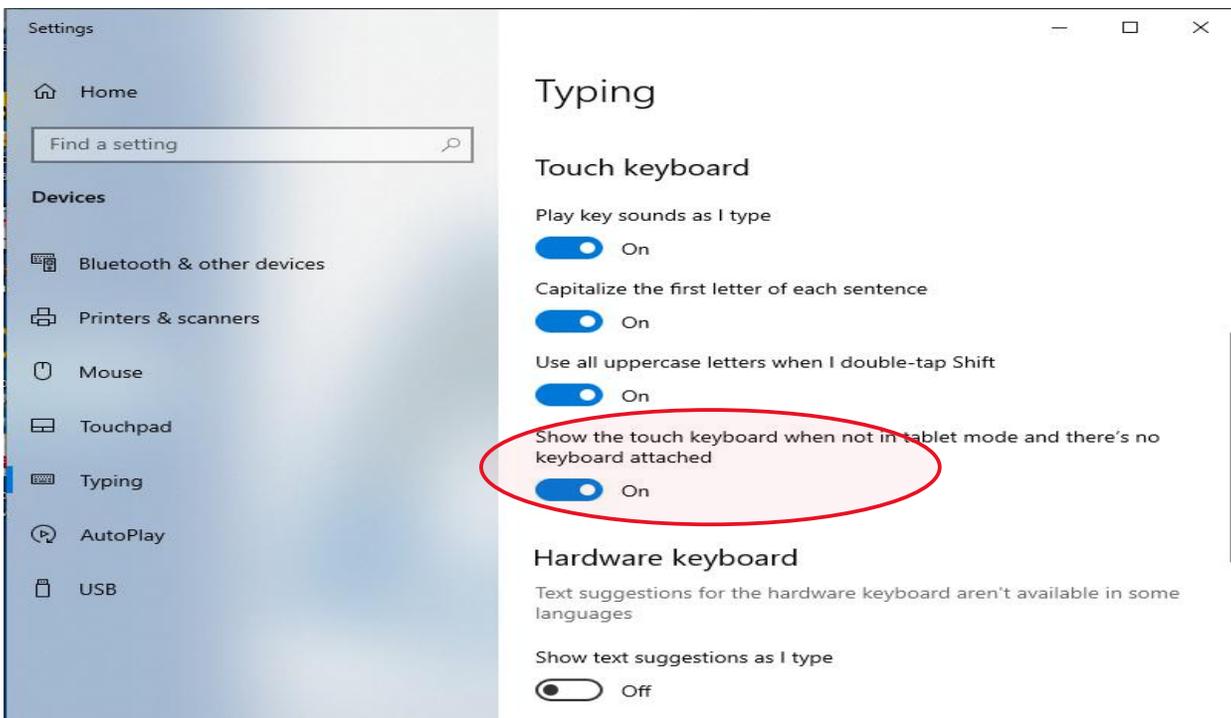
Verso/Groundworks setup

Windows settings

Turn on (use desktop mode) search > tablet mode > change when I sign in (to use desktop mode)

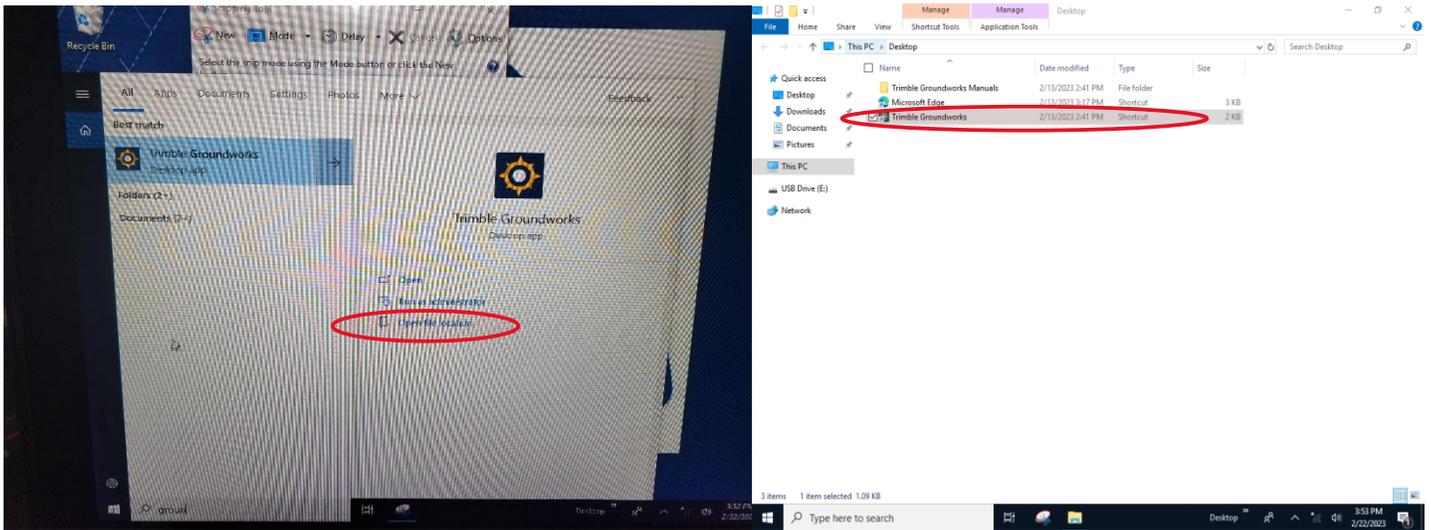


Turn on keyboard (when in desktop mode) search > typing settings > show touch keypad when not in tablet mode.

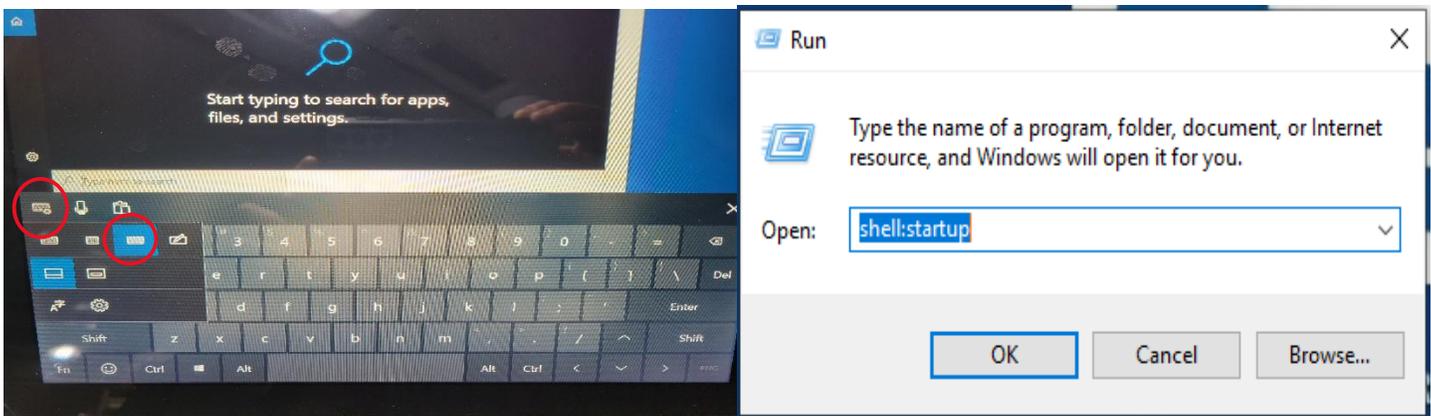


Auto start groundworks on system start

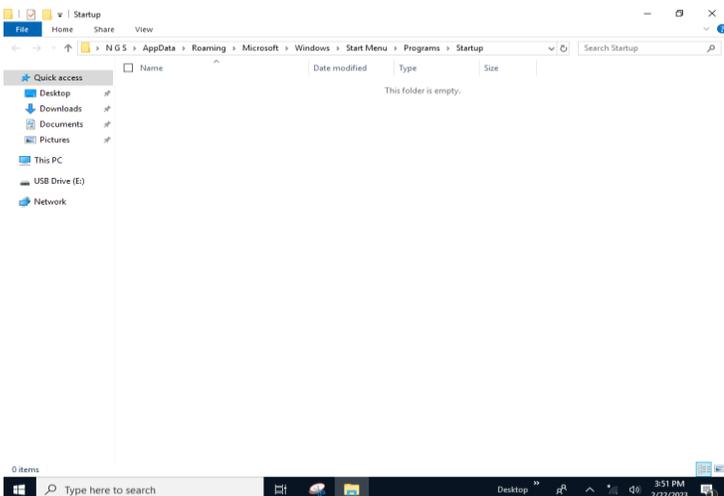
search groundworks > open file location and copy groundworks file.



From desktop press (Windows key + R) then type shell:startup in box



paste groundworks file into startup folder (change keyboard layout if there isn't a windows key top left icon then 3rd keyboard icon)

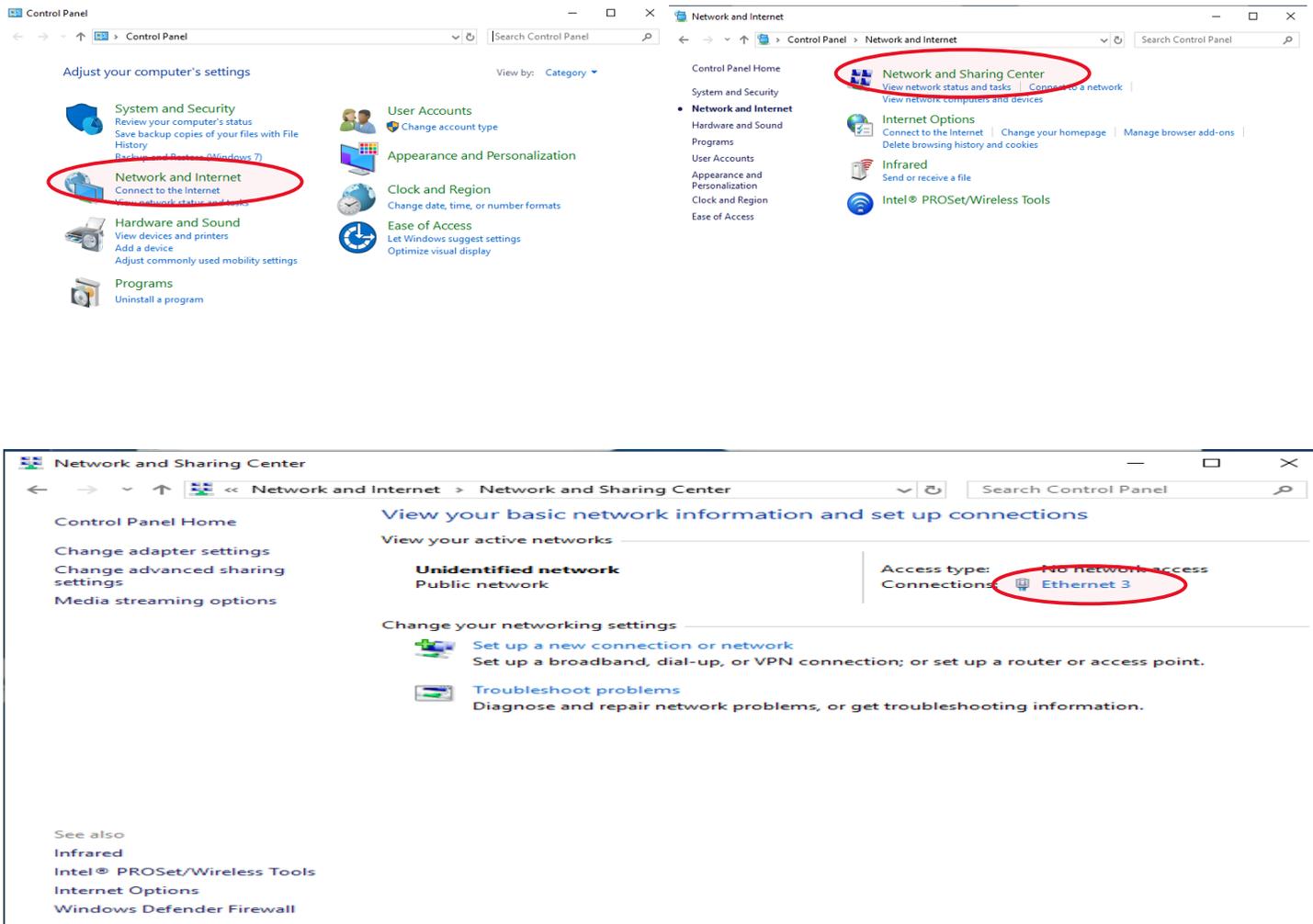


Windows ethernet setup (setup when all components are hooked up)

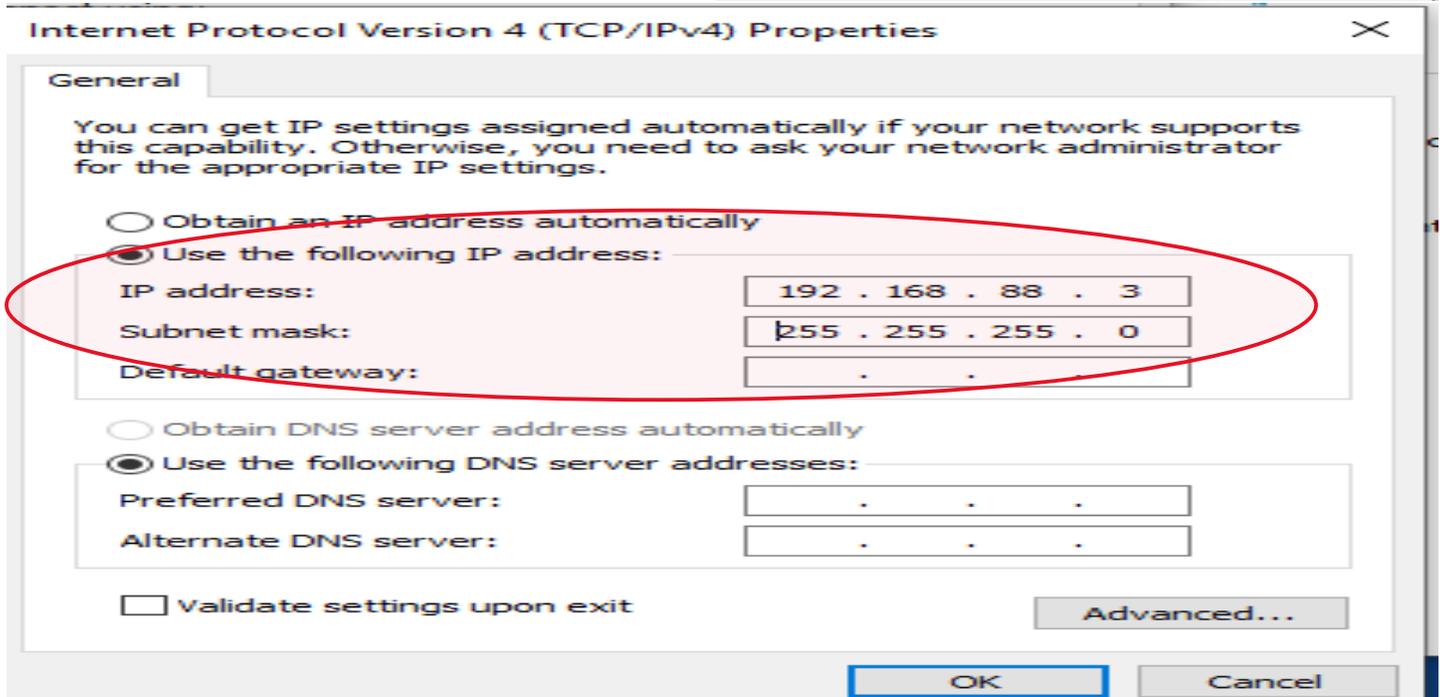
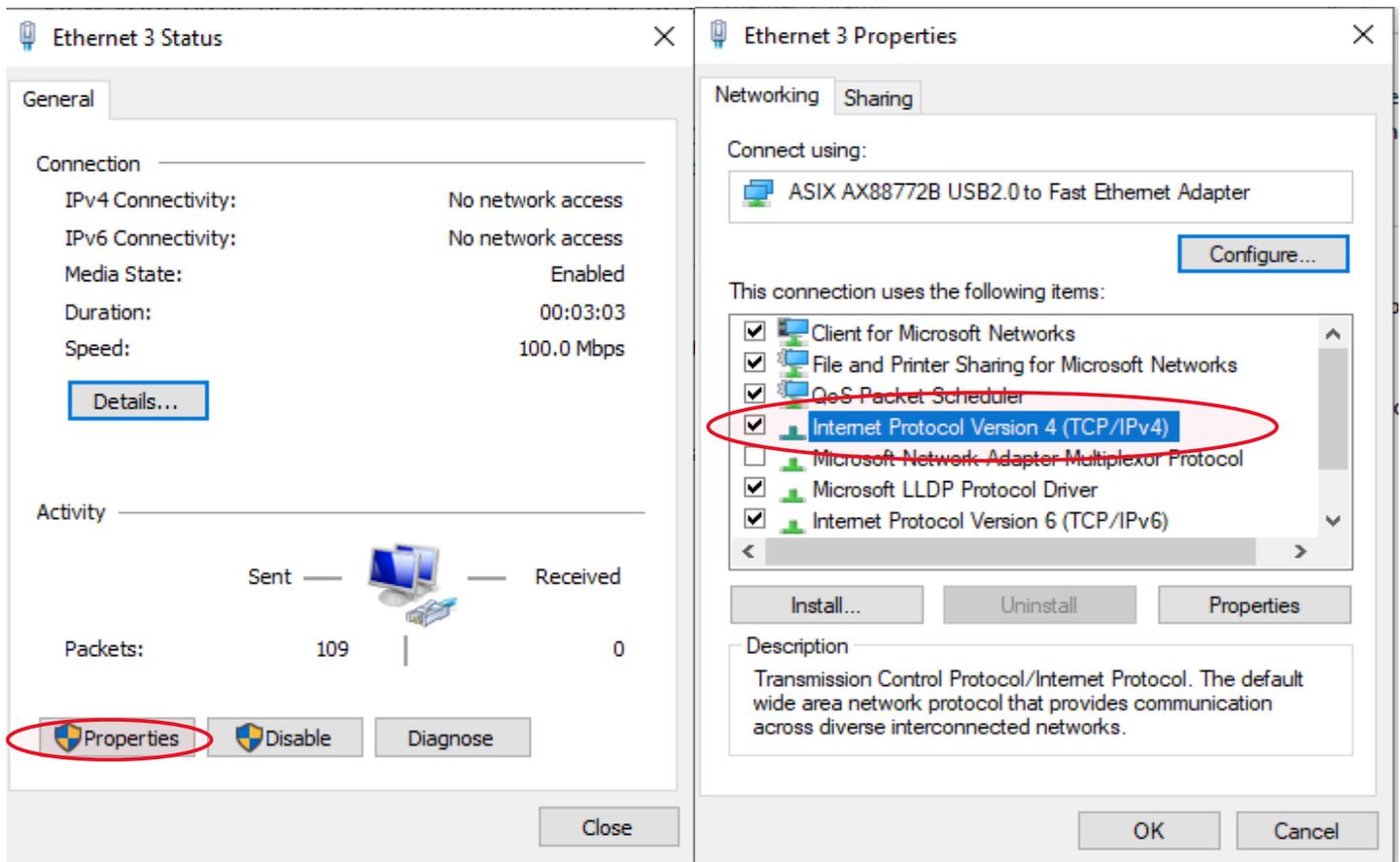
check 750's first to confirm they are 192.168.88.1 and 192.168.88.2 (both on gateway 192.168.88.3)



Search control panel in windows > Network and internet > Network and Sharing Center > Ethernet 3



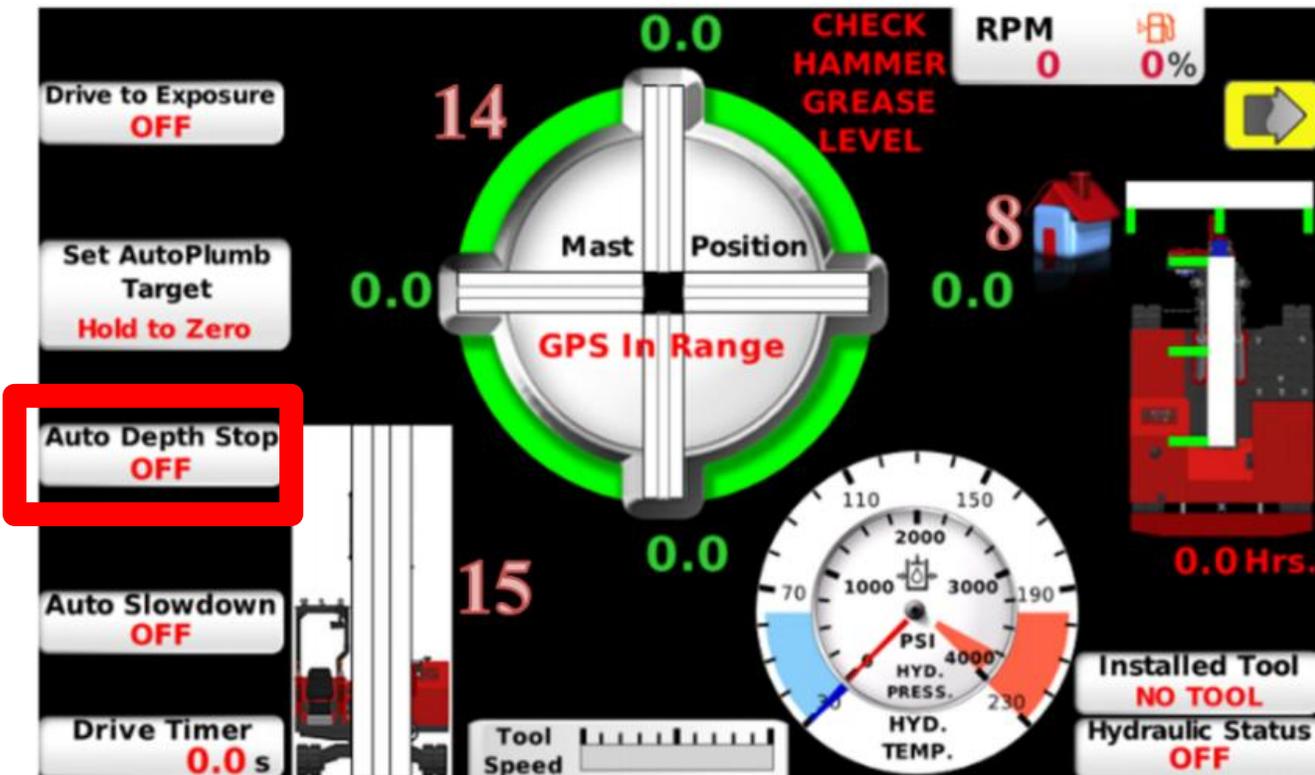
Then go to properties > In drop down menu highlight 4(TCP/IPv4 > properties and change from obtain automatically to use the following IP address use IP 192.168.88.3 and subnet mask 255 255 255 0



enable auto stop on Hercules display

Hercules configuration

Requirement is to turn on the Auto depth stop. Once the auto depth stop is turned on, the machine will automatically find the GPS and use the information from Groundworks



GPS range did not pop up.= some times shown

Groundworks Machine Setup

At Groundworks login screen select left lower icon and add Operator as user use US Survey feet.

The image shows two side-by-side screenshots from the Groundworks interface. The left screenshot is the login screen titled "Sign into Trimble® Groundworks". It features two dropdown menus: the first is labeled "Operator" and the second is labeled "80B". Below these is a large yellow "Sign In" button. At the bottom, there are two icons: a document icon on the left and a machine icon on the right. The right screenshot is titled "New User" and contains a form with the following fields: "First name" (text input), "Surname" (text input), "PIN" (text input with a visibility toggle), and "Unit" (dropdown menu). The "Unit" dropdown is set to "US Survey Feet" and is circled in red. At the bottom of the form are "CANCEL" and "ACCEPT" buttons.

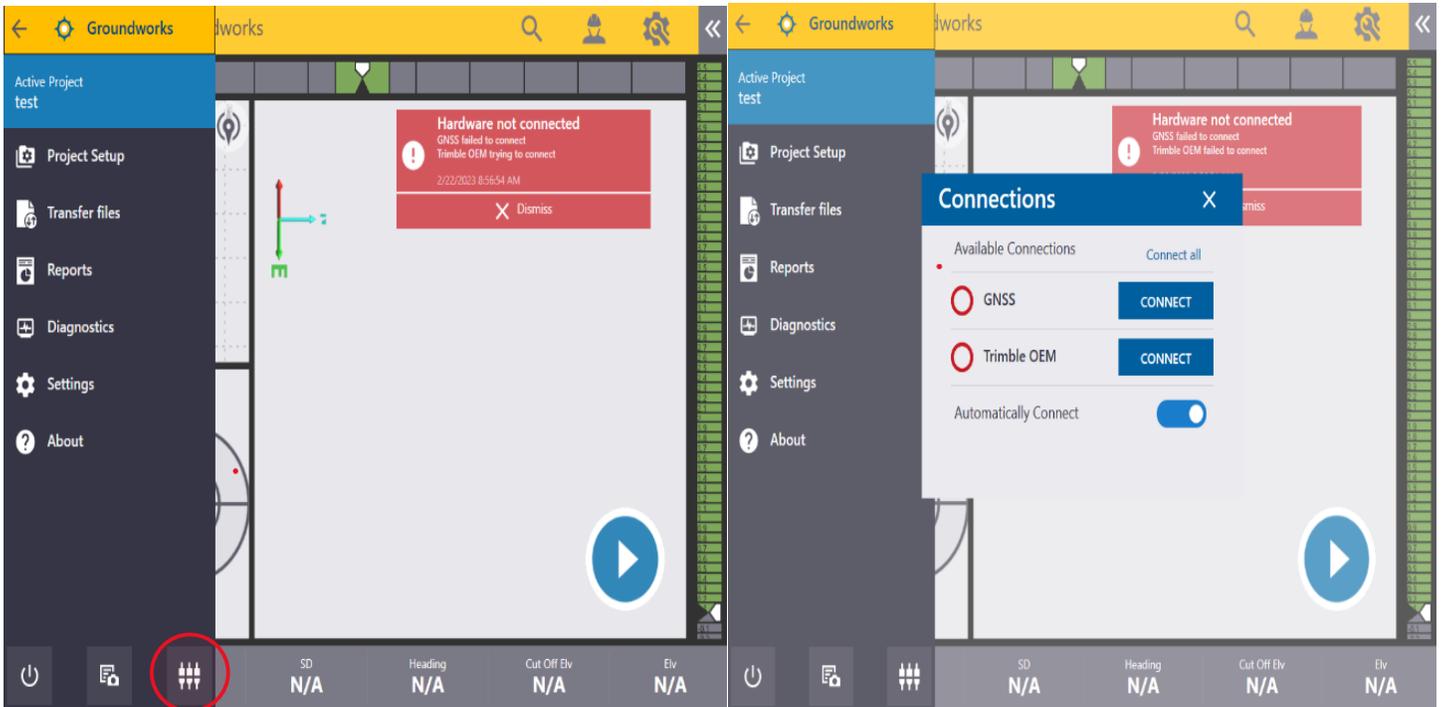
At Groundworks login screen select right lower icon and import machine file (.xml)

The image shows two side-by-side screenshots from the Groundworks interface. The left screenshot is the login screen titled "Sign into Trimble® Groundworks", identical to the one above. The right screenshot is titled "Select Machine" and shows a list of machines. The first machine, "80B", is highlighted in yellow. Below it is another machine, "888". At the bottom of the screen are three buttons: "+ NEW", "IMPORT" (with a download icon), and "ACCEPT". The "IMPORT" button is circled in red.

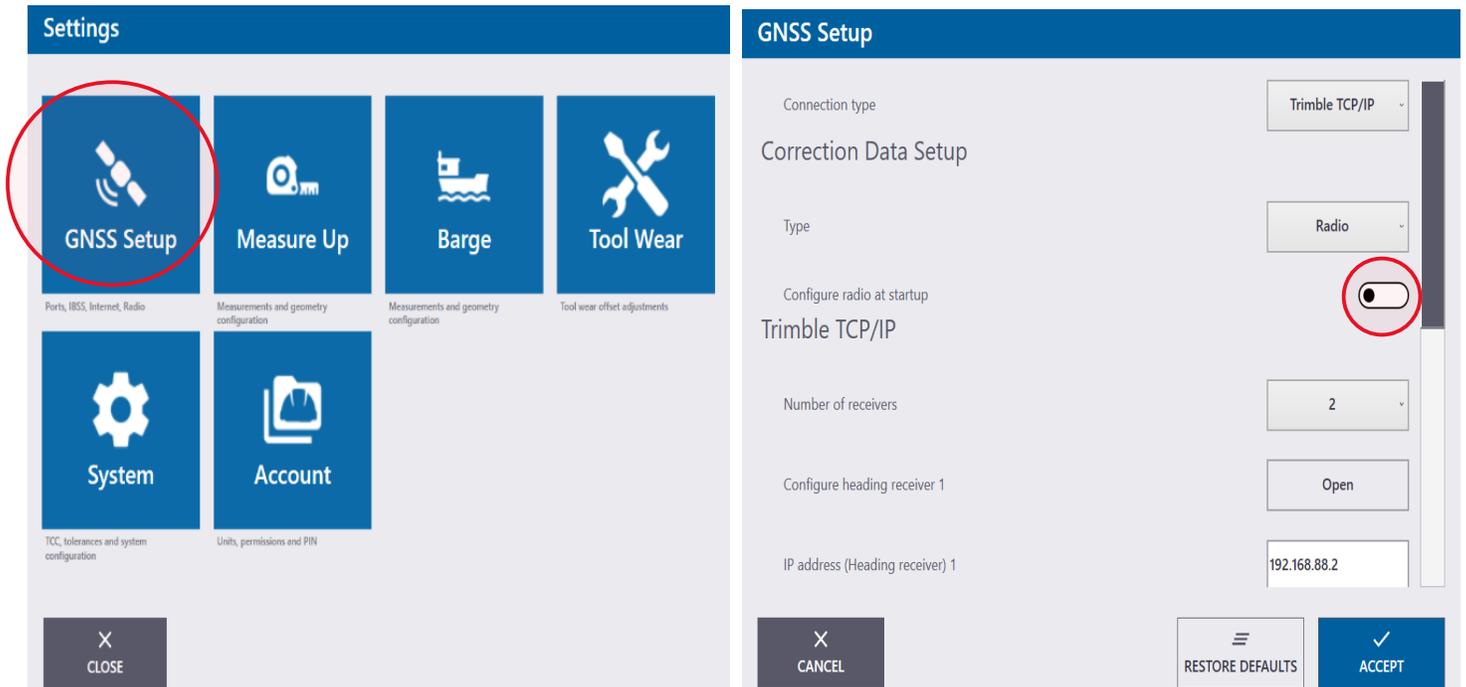
On Hercules STR20 models you can use any STR20 machine file as long as it checks in and then rename the file.

Set up radio channel to start on groundworks startup

Left side menu in bottom right click on connections and make sure your not connected.

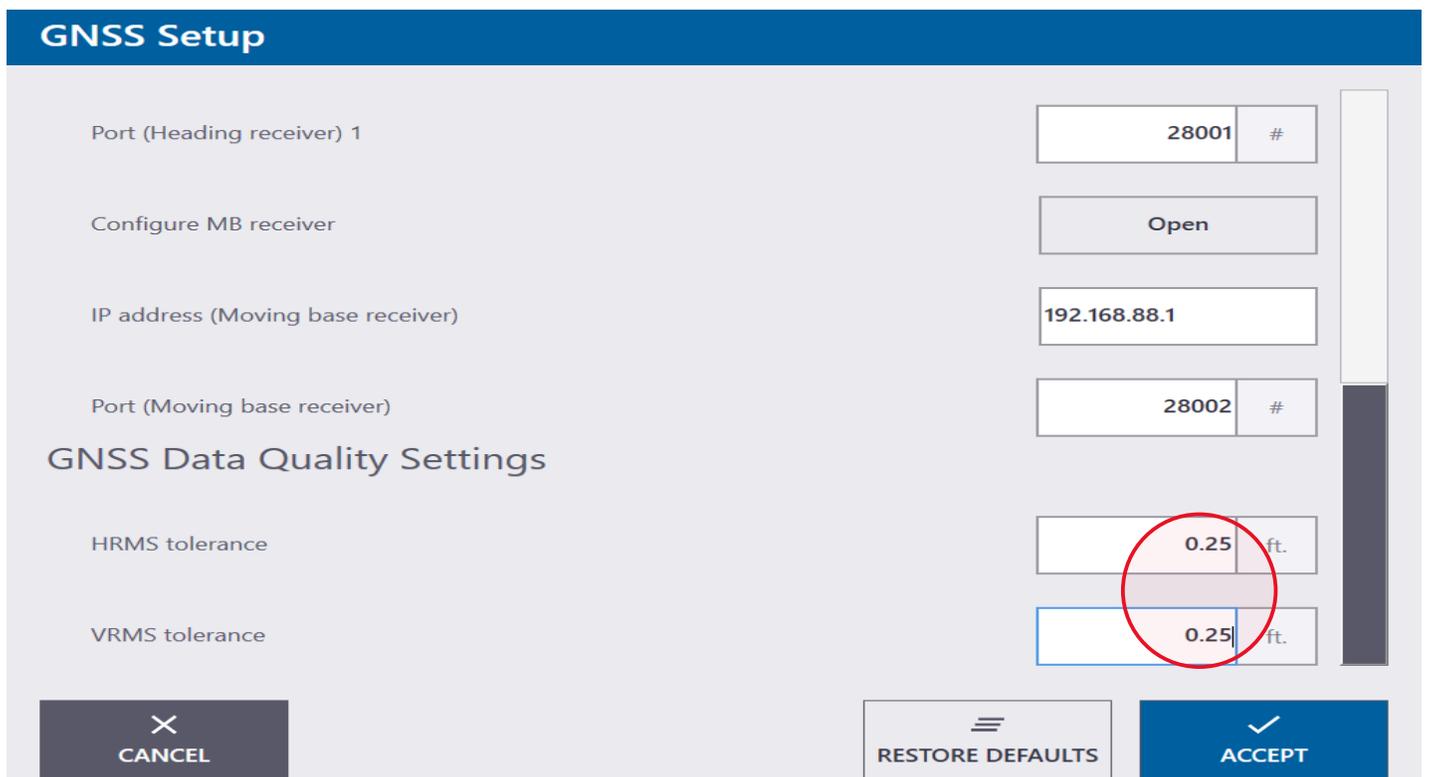
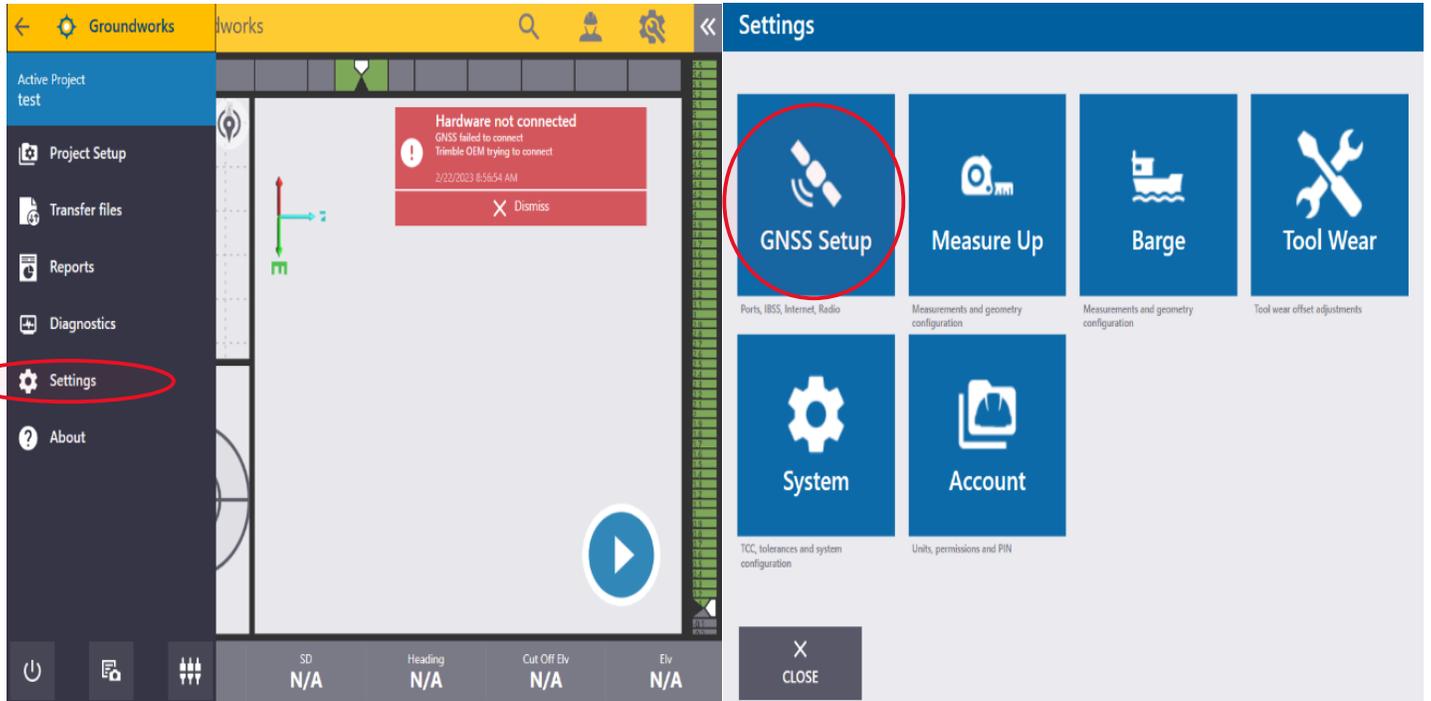


Then go to groundworks settings > GNSS setup > select configure radio at startup (this will not work if connected)



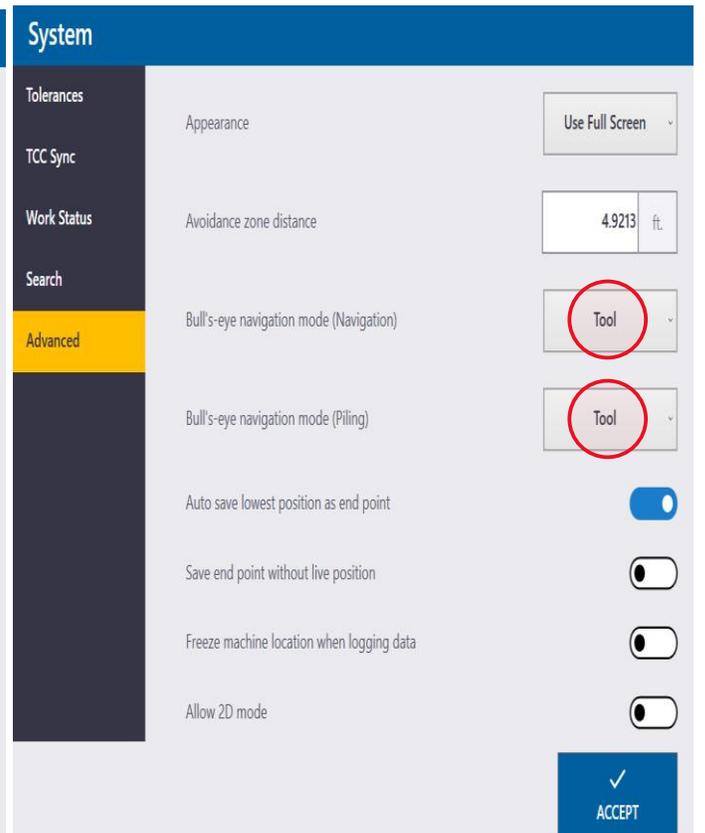
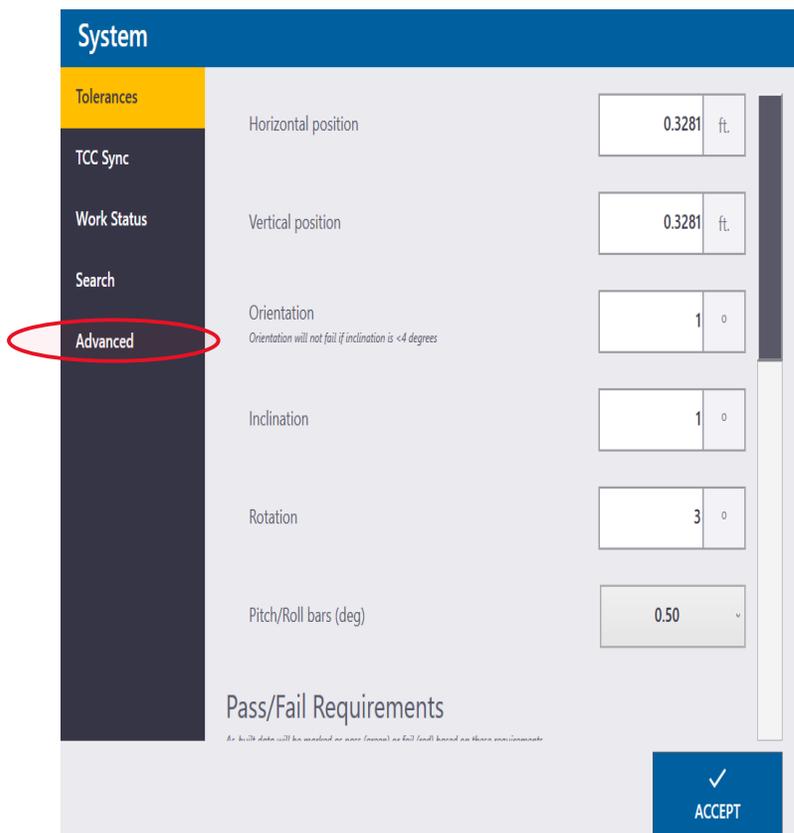
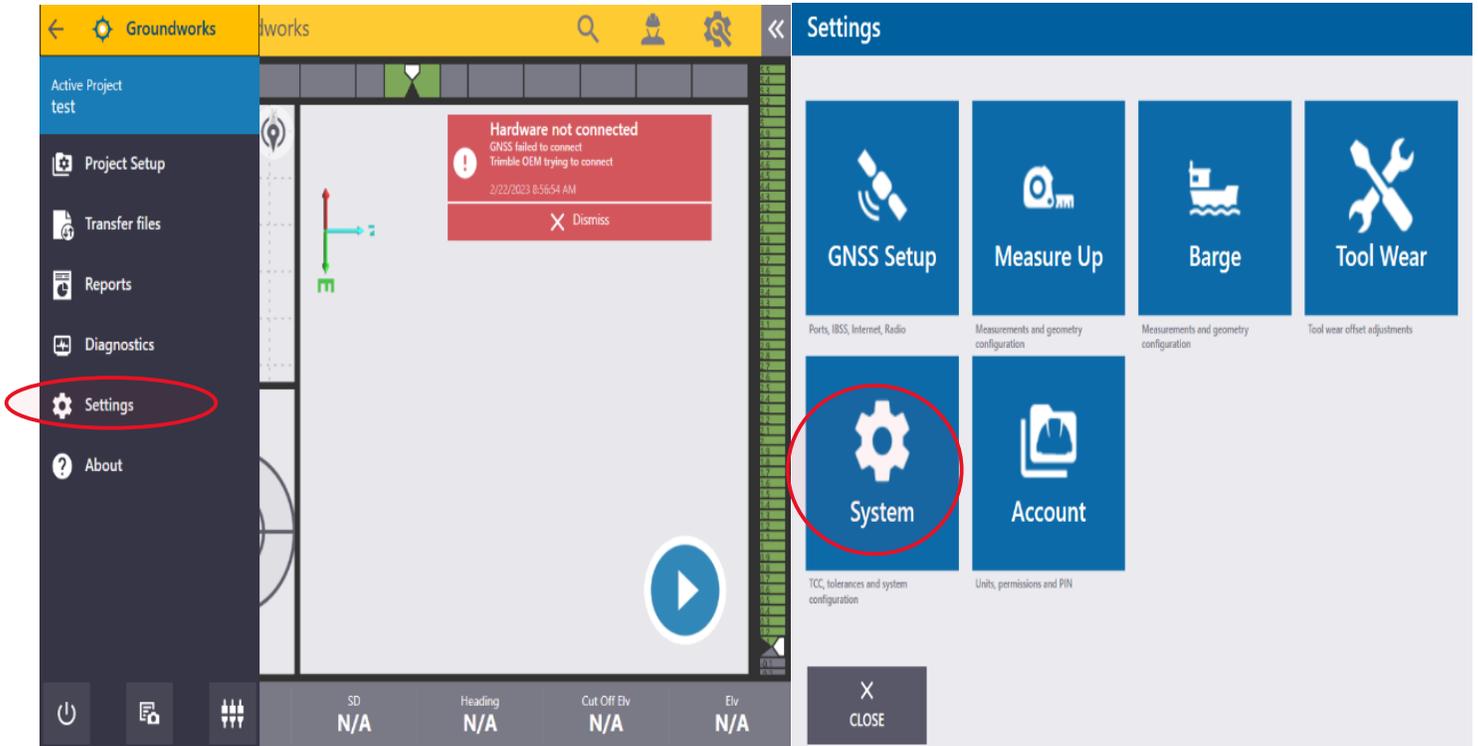
GNSS setup

Groundworks settings > GNSS setup > GNSS data quality settings (Change HRMS & VRMS tolerance to .25)

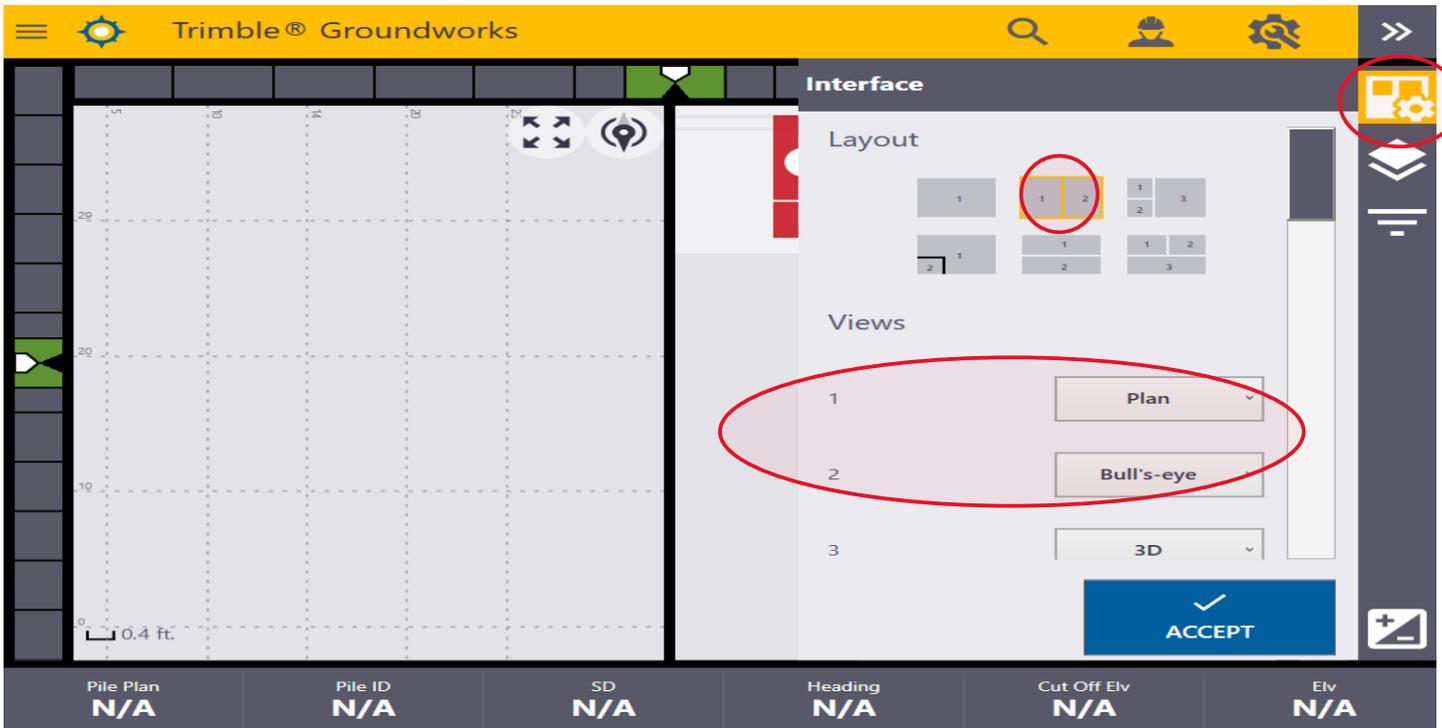


Navigate to Tool

Groundworks settings > System > Advanced > change both Bull's-eye navigation to (tool)

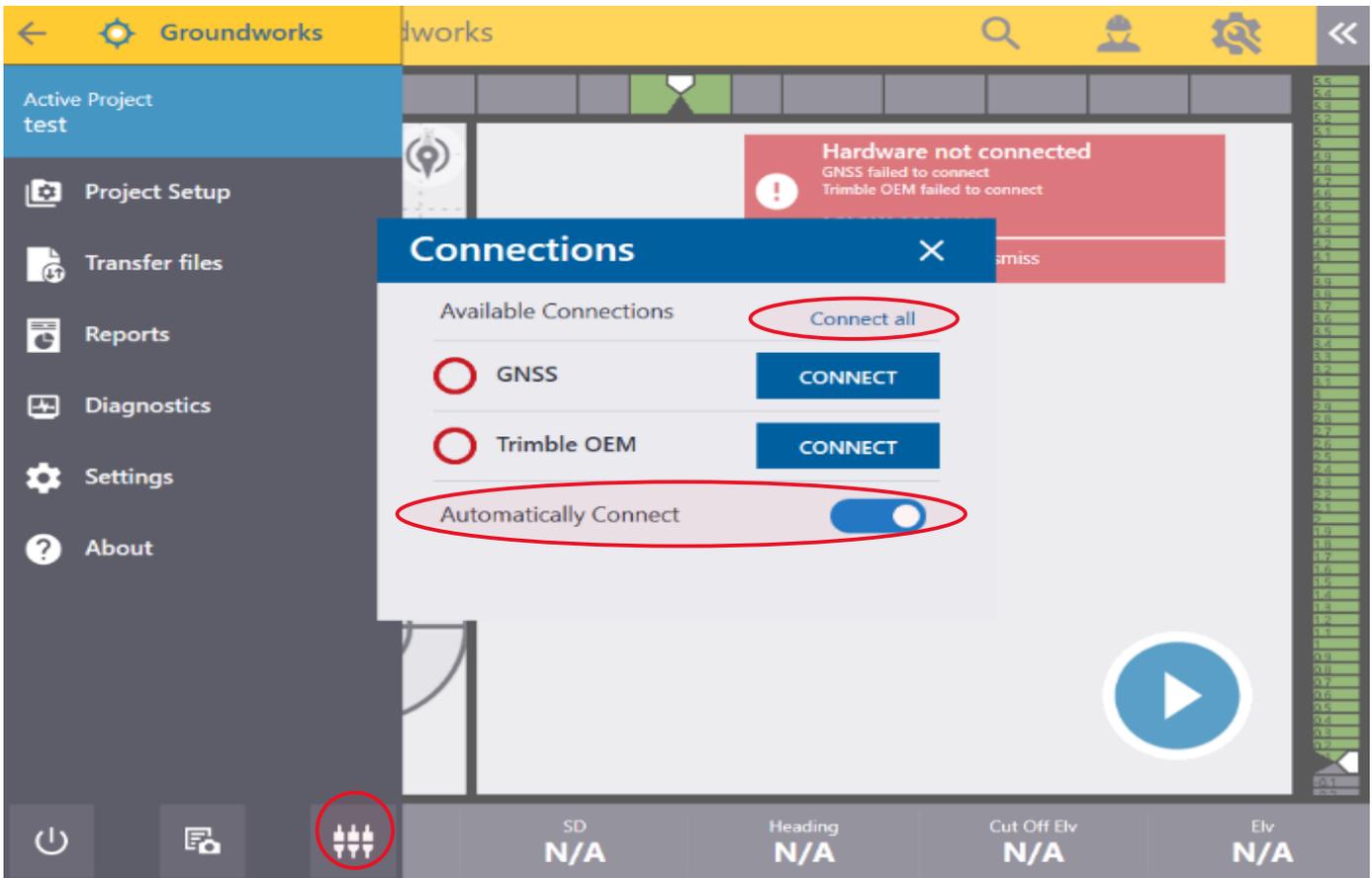


Set up display view to use 2 panes. Right side top icon > 2pane (1 plan 2 Bull's-eye)



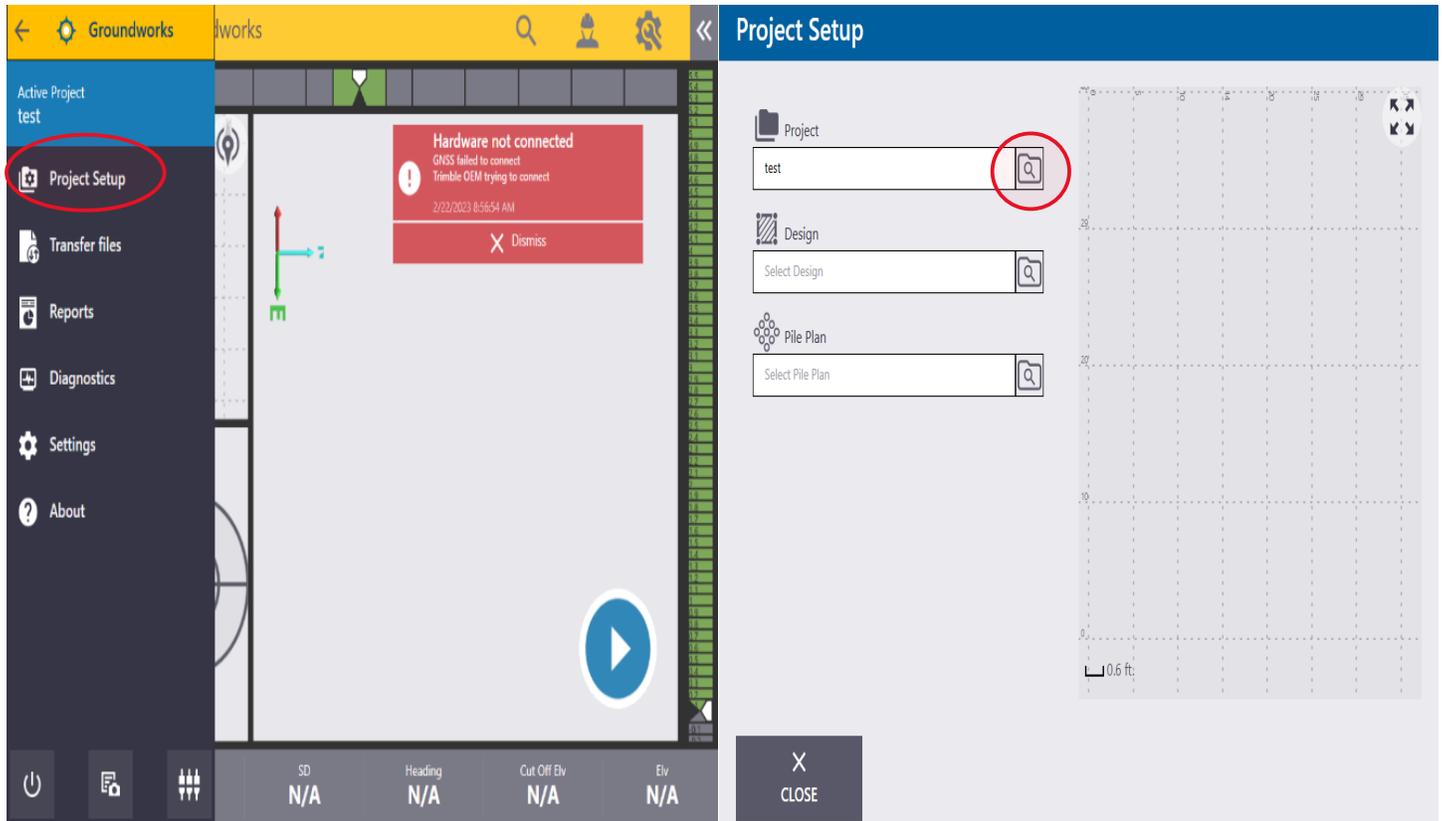
Connection

Left side menu > Bottom right select connections > Select Automatically connect > select connect all

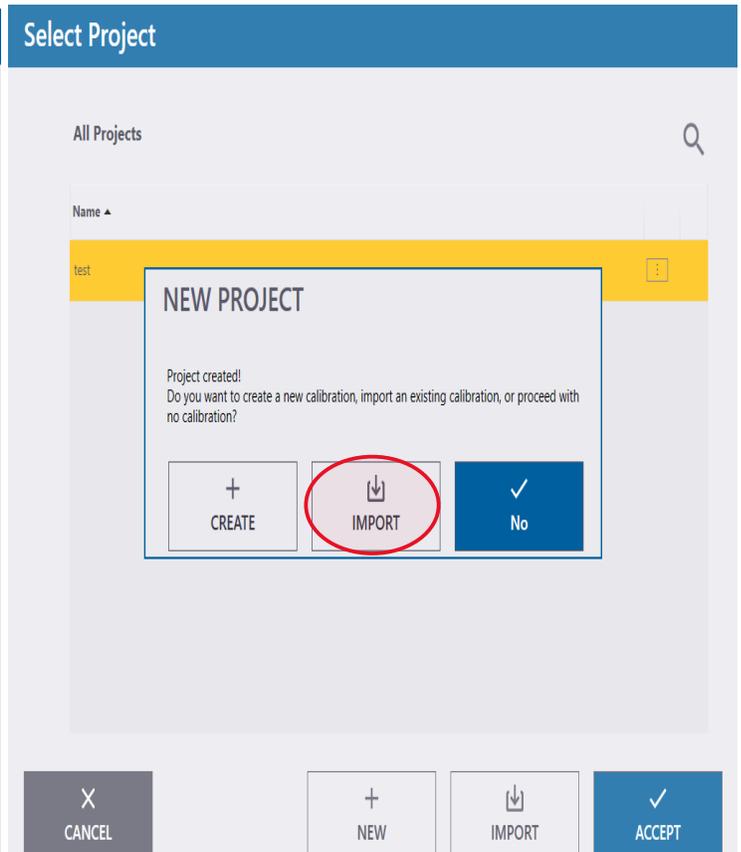
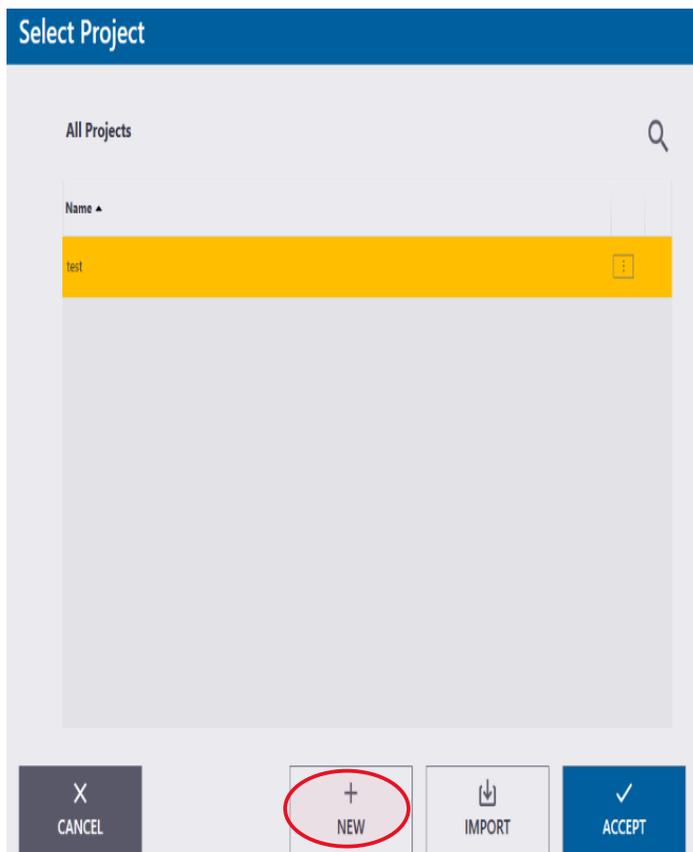


Project Setup to check machine in

Left side menu select project setup > project folder magnifying glass >

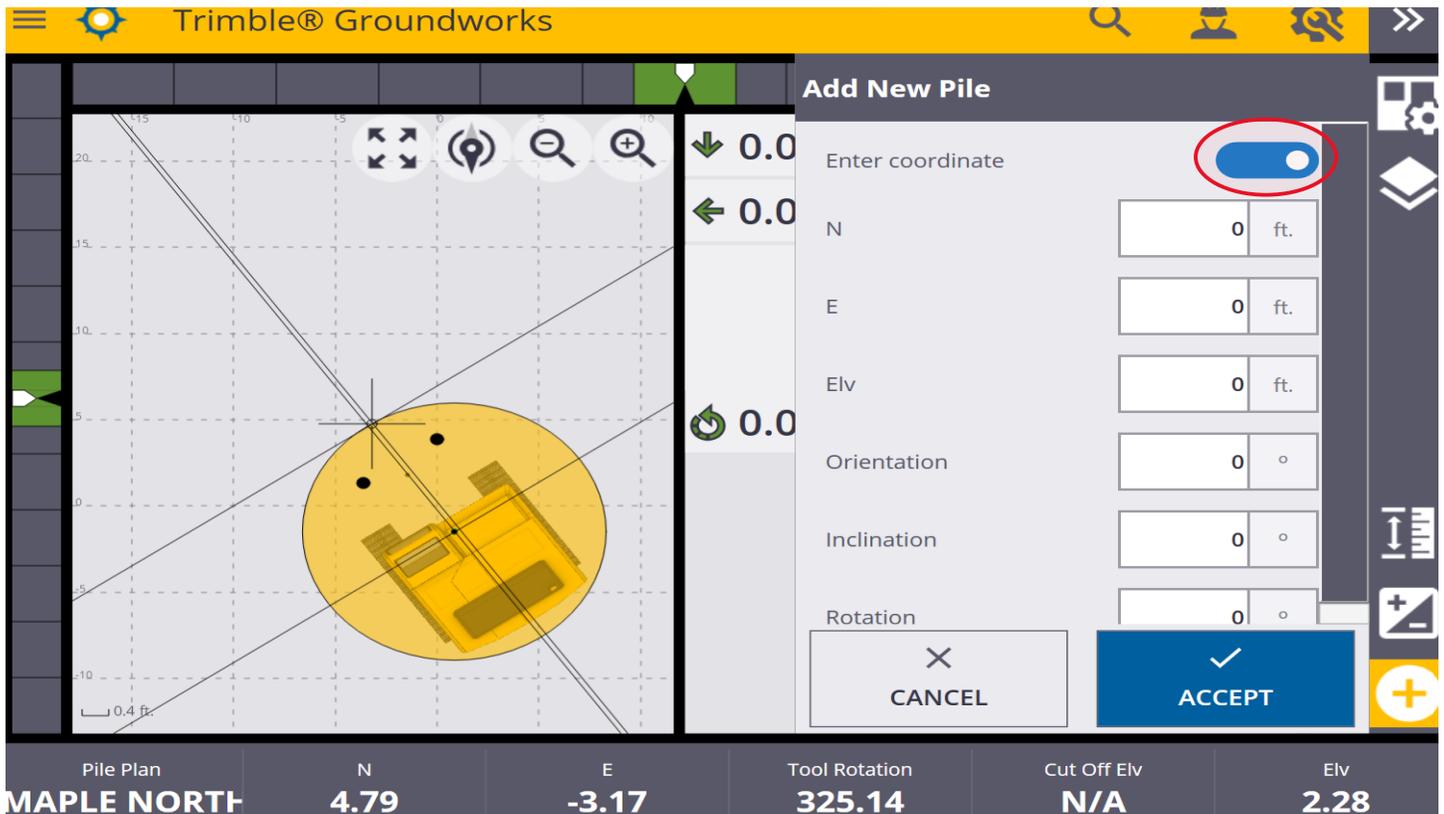
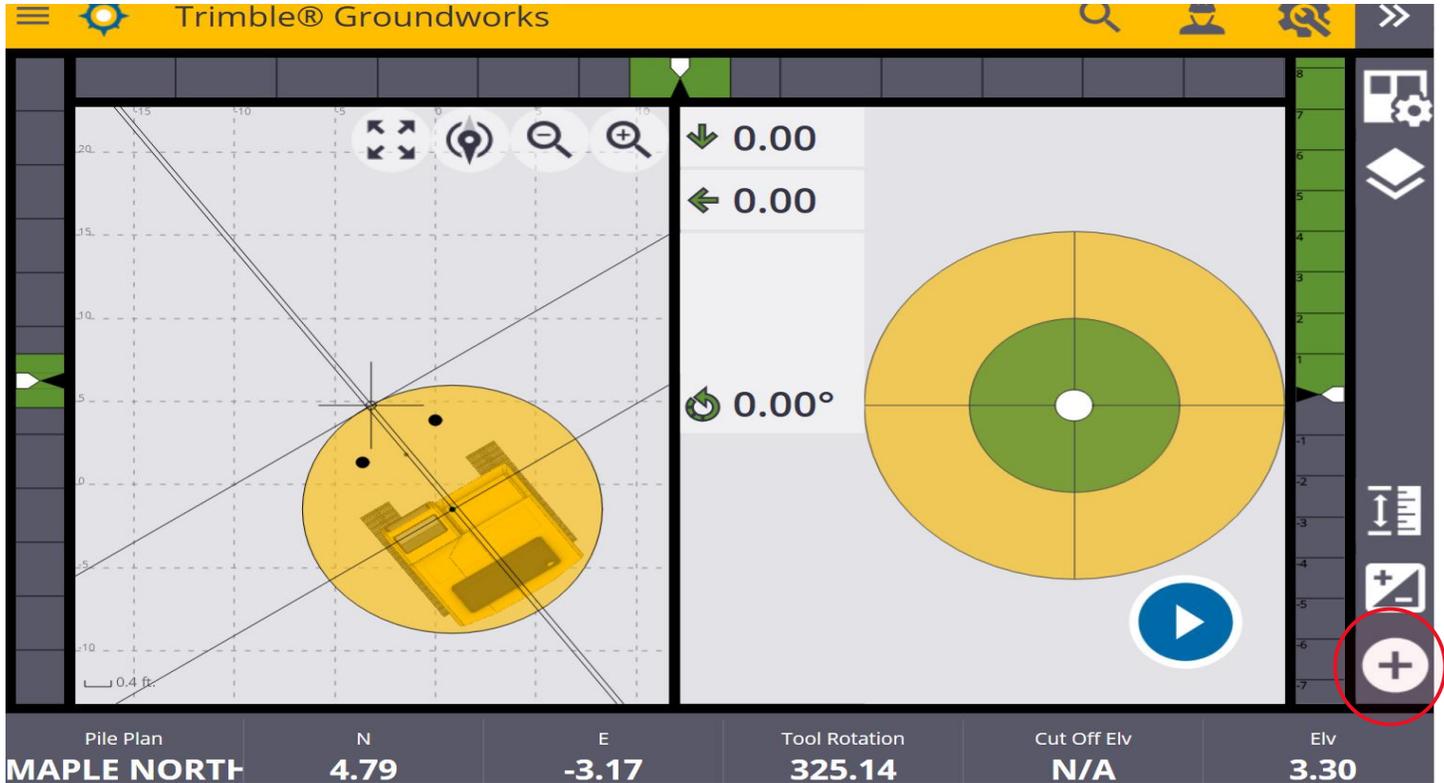


New > Name Project > Import DC file (from collector via usb) > accept > close.



Project setup cont.

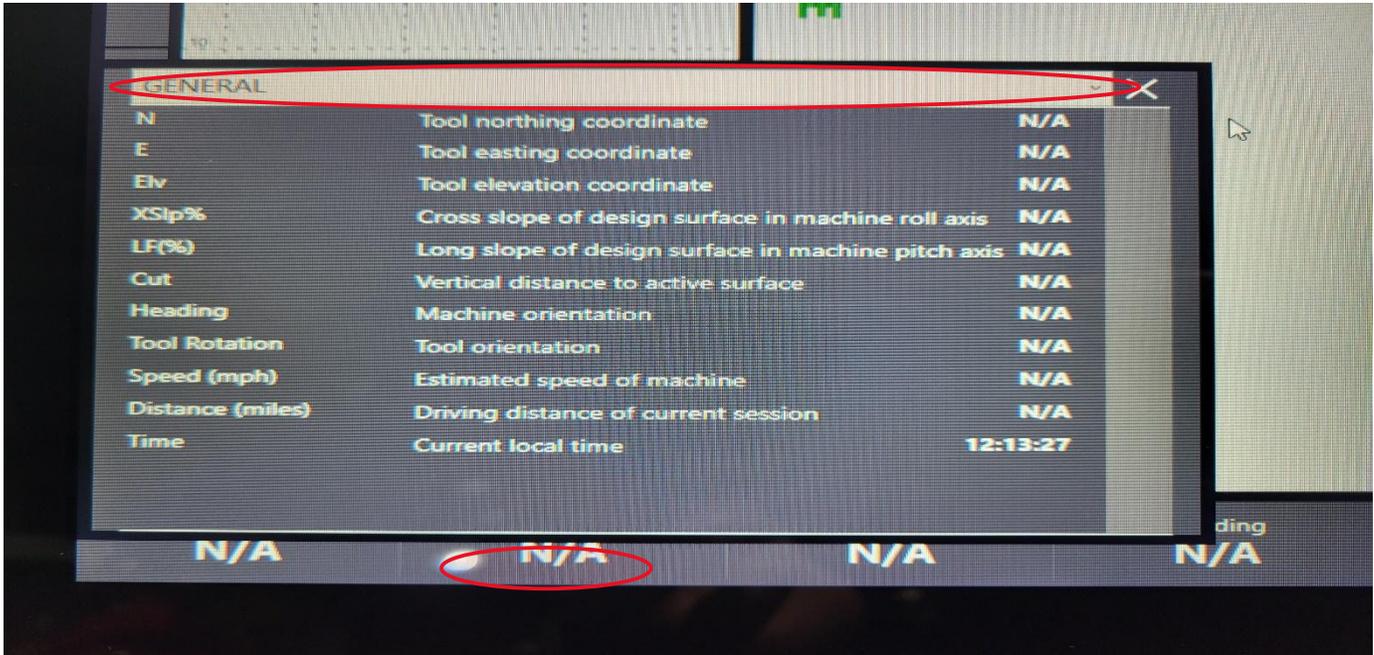
Right side menu > select + > enter coordinate > N E and Elv



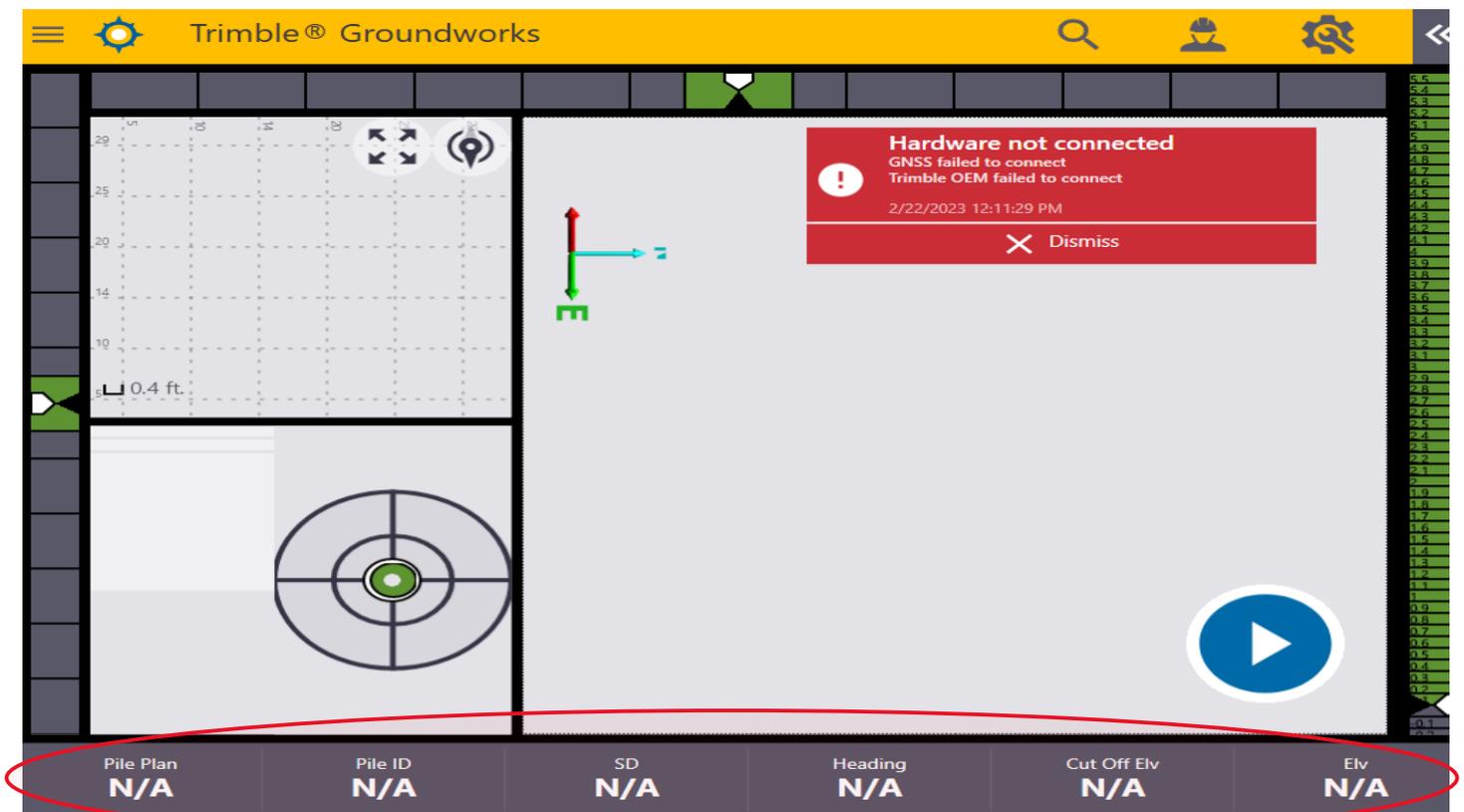
Navigate to point to check machine in. when close > auto plumb mast by holding second button down on right joystick

To check autos hold 2nd and 3rd button down at same time on right joystick to bring mast to home position. Move machine 6" from point and hold down 2nd button from top on right joystick to auto find point.

Hold down one of the items at bottom of screen > general settings > this will allow you to view northing easting



Customers don't use northing and easting so leave display with default items as shown below



5025 to access settings in hercules display to set elevation encoder

Parked regen code 6666

Hercules elevation setup and tool wear

First enter 5025 code into machine settings of the Hercules display. On the next screen on right you can set tool at bottom of mast and then at top of mast. Move tool to bottom of mast > press button to set bottom > move tool to top of mast and press button to set top. (number at top should be 30,000 to 40,000 and bottom 0-20)

With tool at bottom of mast and hammer compressed measure distance and adjust (W3) to match elevation on display (you can measure to lower wear mark on hammer shaft for initial setup but customer has to check and adjust W3 when on site)

Tool wear is under Settings > Tool wear

Enter Tool Wear Offset

Wear
Adjustment offsets added to tool offset

Tool Offsets
Offsets from reference point

(W1) In Front 0 ft.

(W2) Right Side 0 ft.

Tool height offset
Vertical distance between heading APC and tool in reference position

(W3) 0 ft.

CANCEL **ACCEPT**

