



Your Construction
Technology Provider



Field Reference Guides

Earthworks Dozer

Version 1.5

SITECH Rocky Mountain
www.sitechrockymtn.com



SITECH TECHNOLOGY DEALER TRAINING CHECKLIST

System: Earthworks Dozer

Version: 1.5

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CUSTOMER COPY

Training Acknowledgement:

Customer Signature

Date

SITECH Representative

Date

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System: Earthworks Dozer

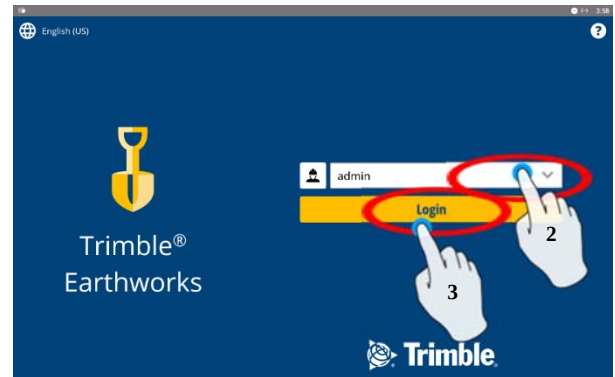
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Starting Earthworks

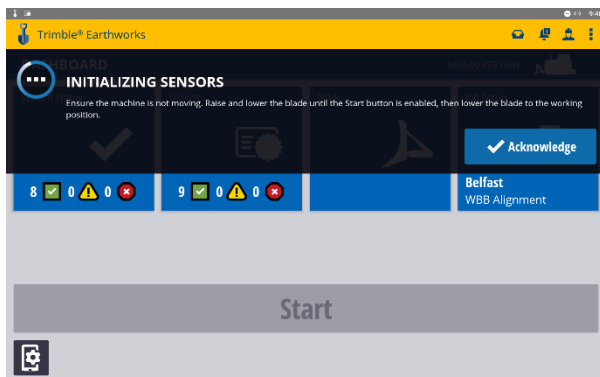


1) Touch  Earthworks Icon

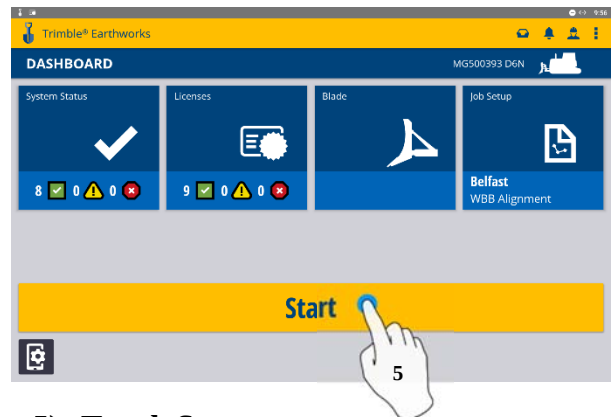


2) Select Operator

3) Enter Password if required and Touch Login

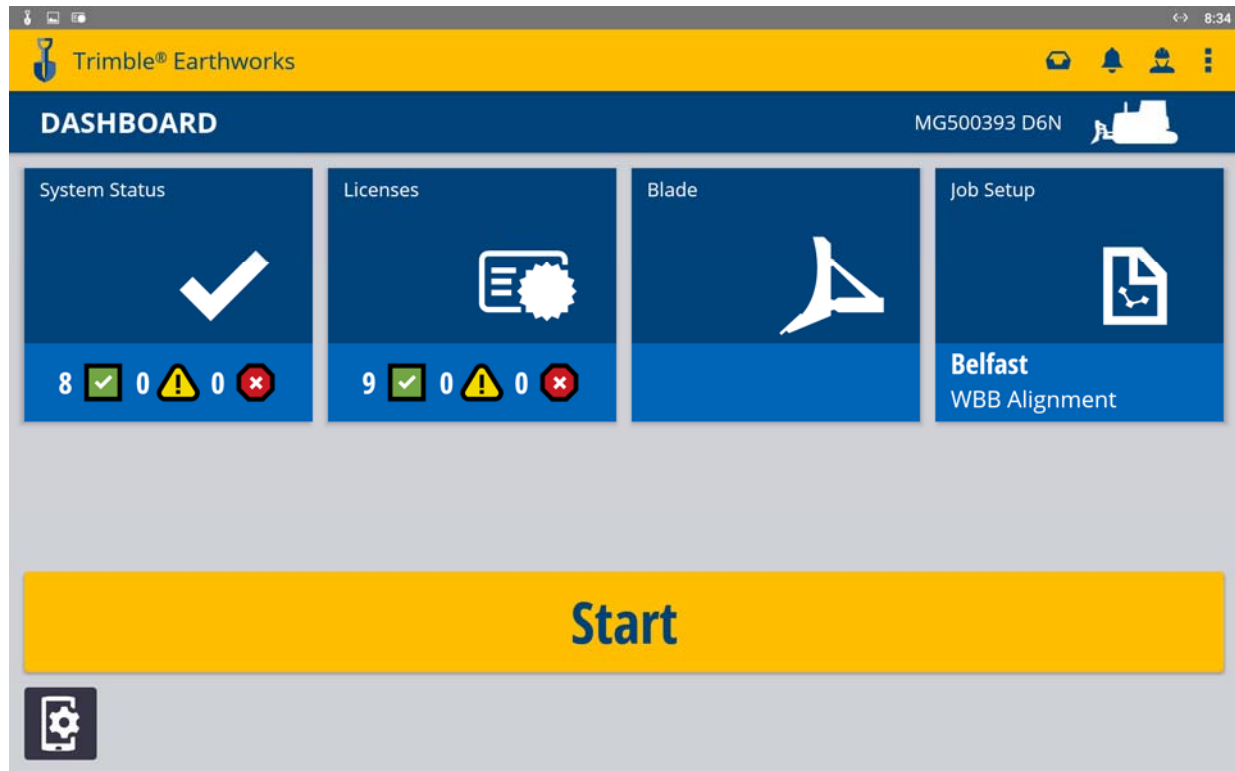


4) Raise and Lower Blade

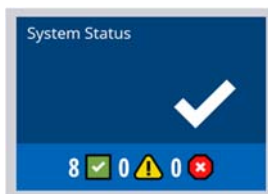


5) Touch Start

Earthworks Dashboard



System Status



- Status of devices
- Enable or Disable GNSS
- Component Warnings

Licenses



- EC520 Licenses
- TD520 Licenses
- GNSS Receiver Licenses

Blade



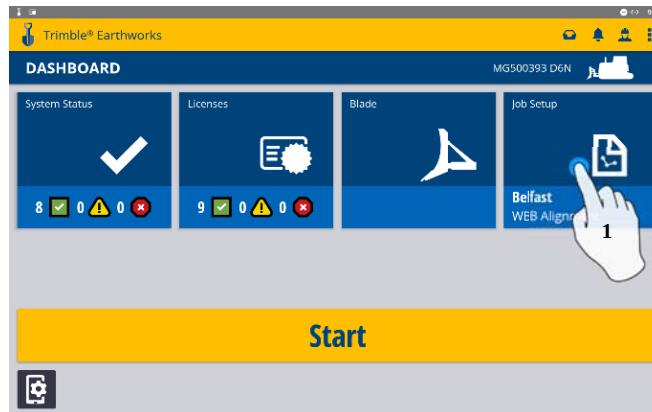
- Focus Point
- Vertical Guidance Point
- Cutting Edge Length

Job Setup



- Select or Create Project
- Select or Create Design

Select Project and Design

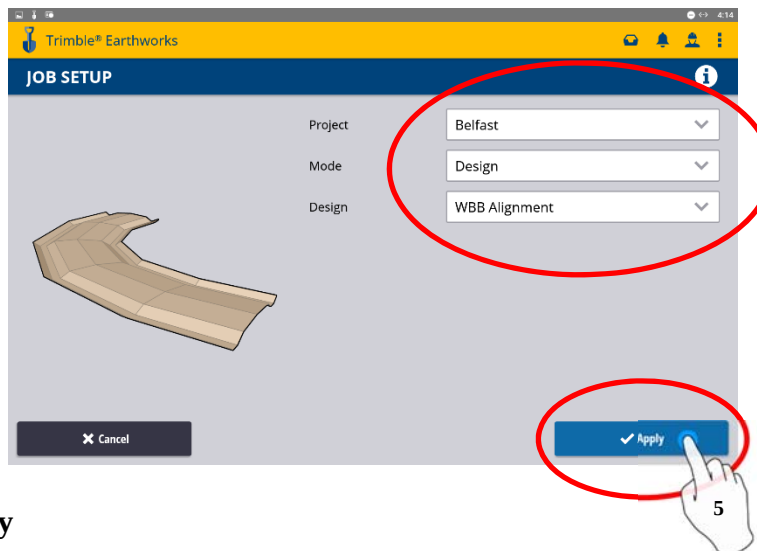
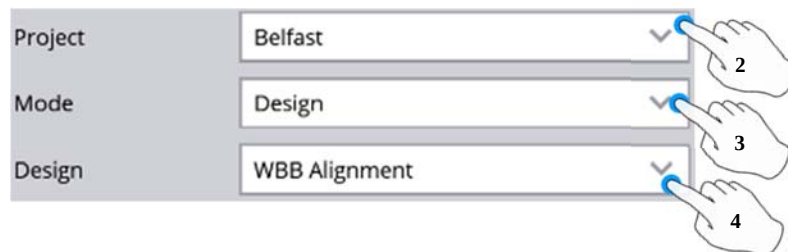


1) Touch Job Setup

2) Select Project

3) Select Mode

4) Select Design

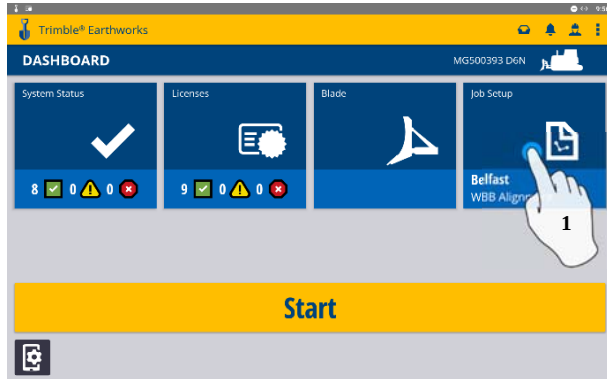


5) Touch Apply

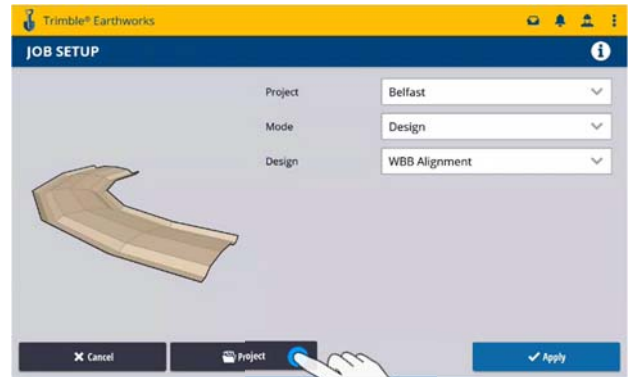
6) Touch Start



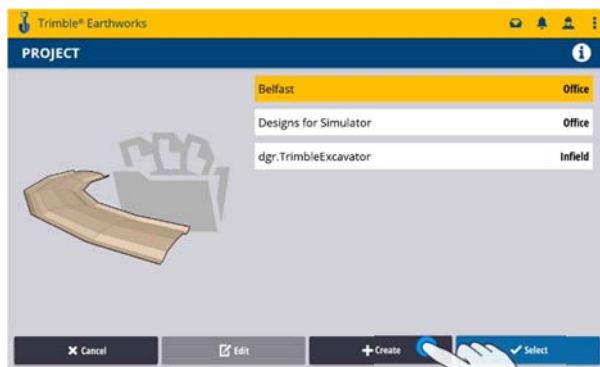
Create Project



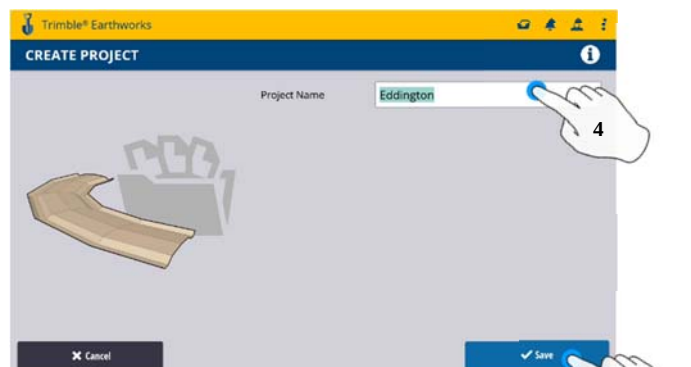
1) Touch Job Setup



3) Touch Project

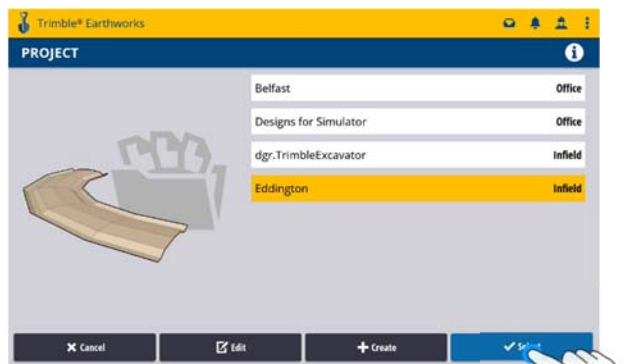


3) Touch Create

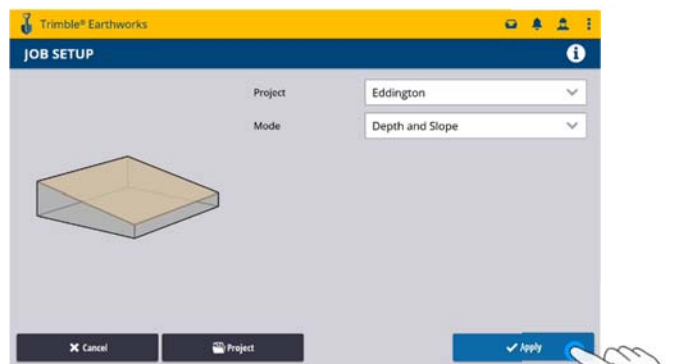


4) Enter Project Name

5) Touch Save

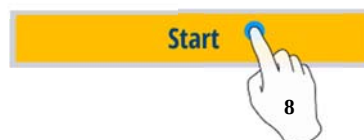


6) Touch Select

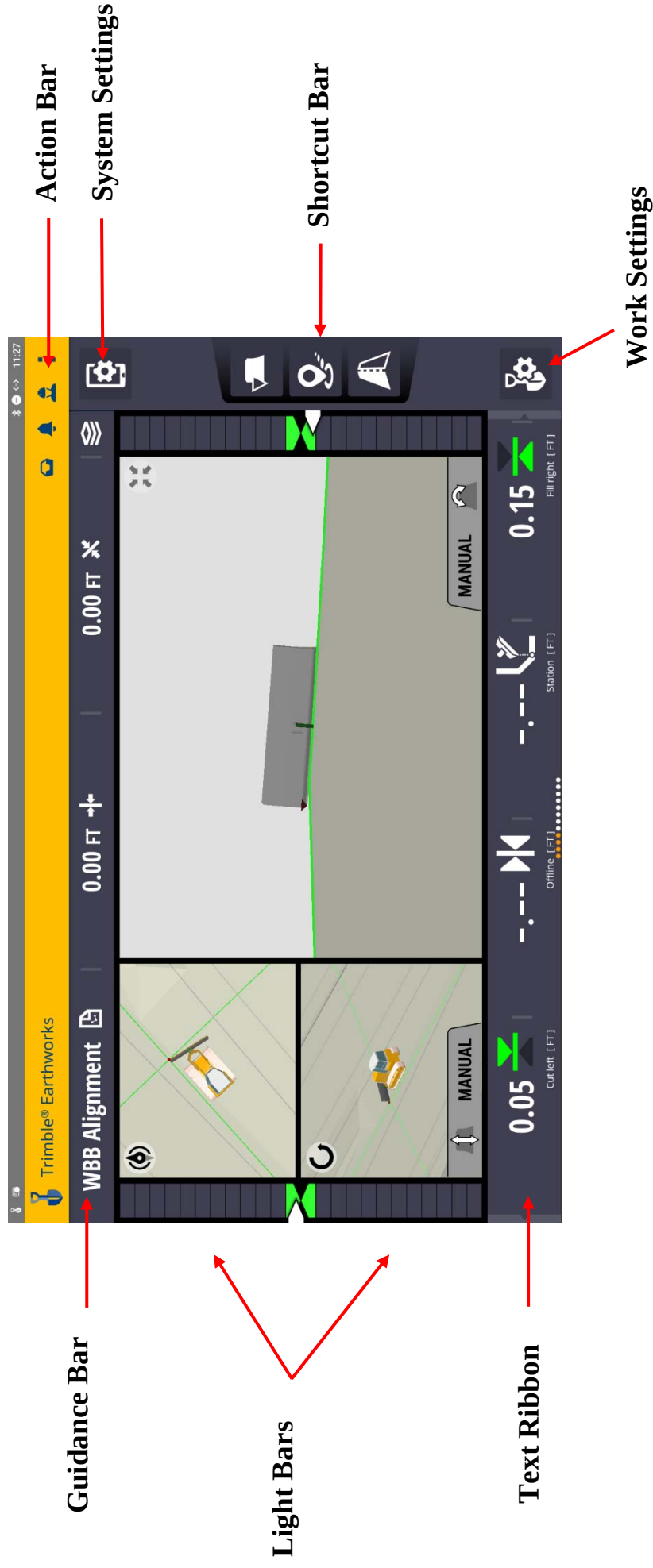


7) Touch Apply

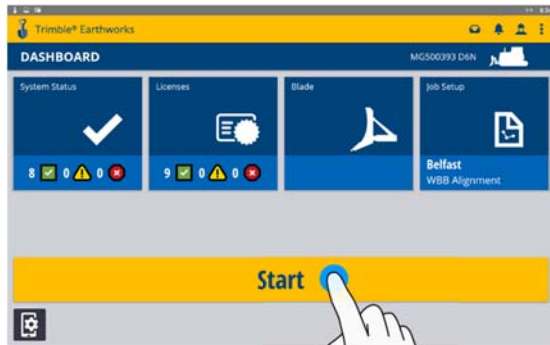
8) Touch Start



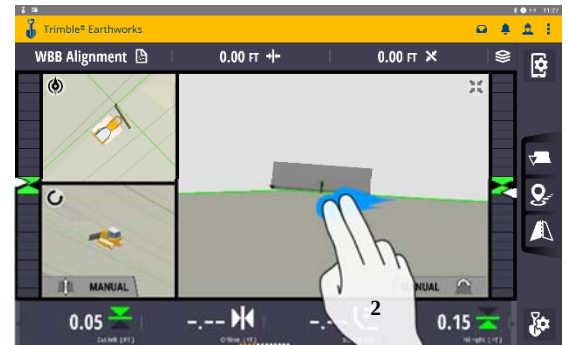
Earthworks Work Screen



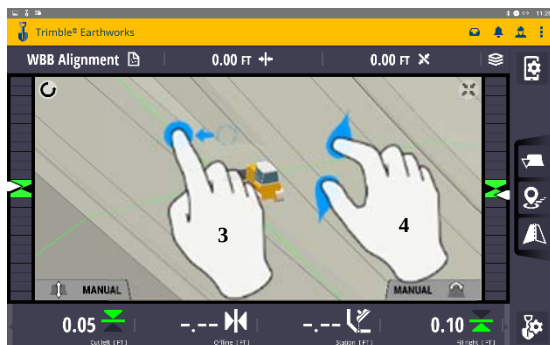
Work Screen Interface



1) Touch to Select

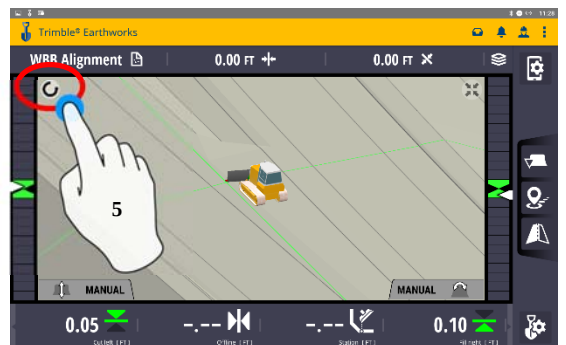


2) 2 Finger Swipe to change views

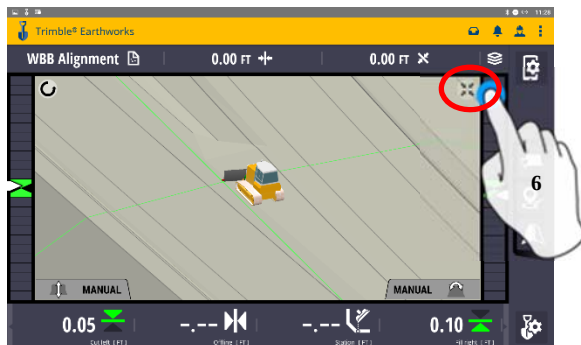


3) Drag to Pan

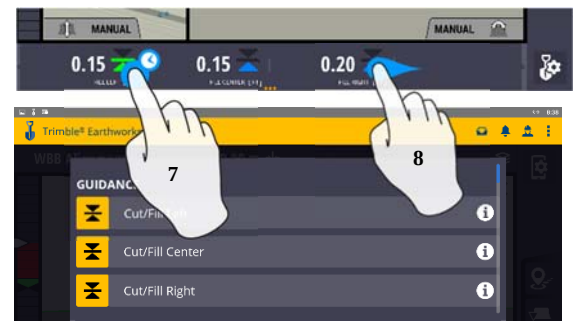
4) Pinch-Spread to Zoom



5) Touch to Select Pan or Rotate



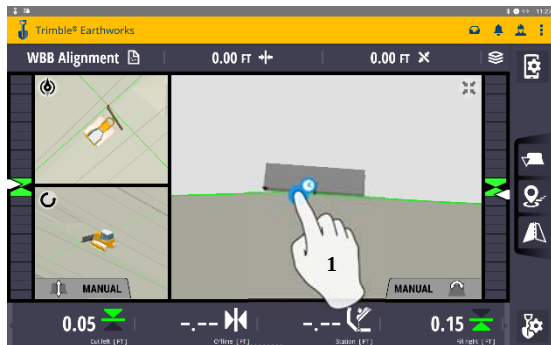
6) Touch to re-center



7) Touch and Hold for Setup

8) Swipe to change view

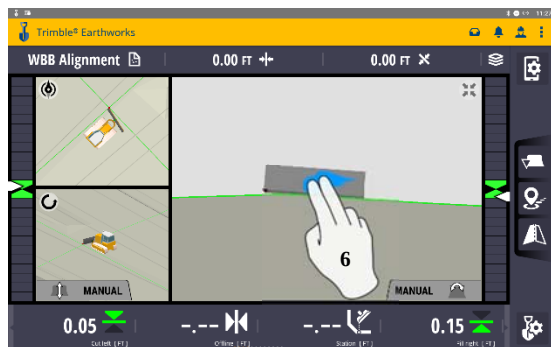
Work Screen Setup



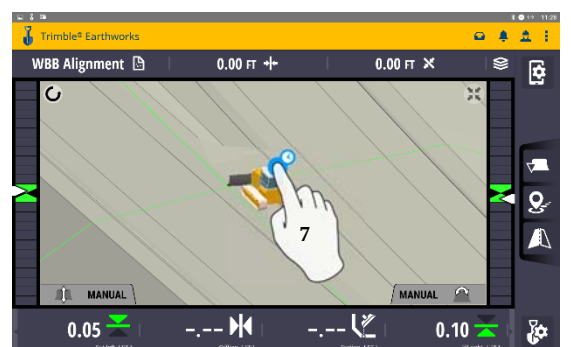
1) Press and Hold



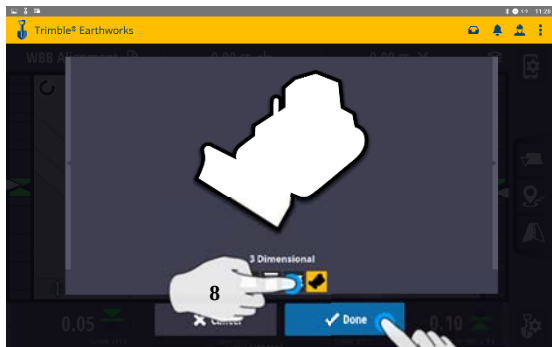
- 2) Touch Plan**
- 3) Touch 3D**
- 4) Touch Cross Section**
- 5) Touch Done**



6) 2 Finger Swipe to 1 View Screen

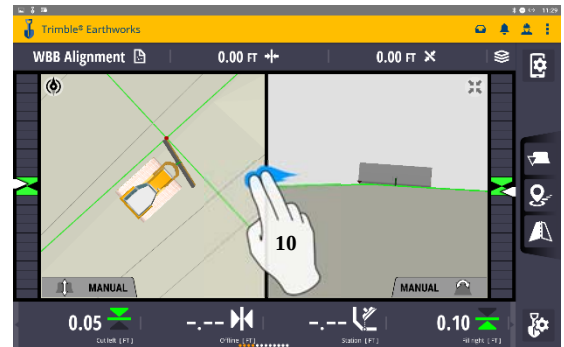


7) Press and Hold

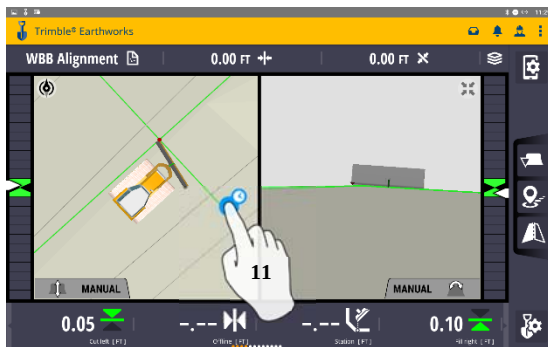


8) Touch 3D

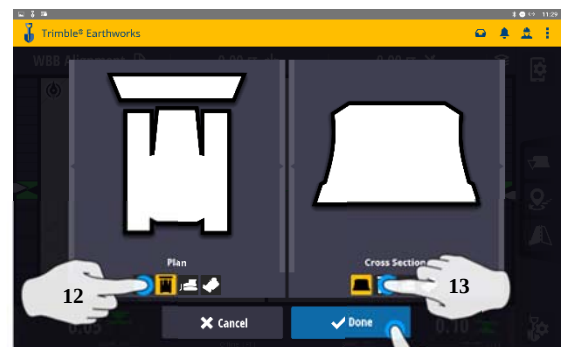
9) Touch Done



10) 2 Finger Swipe to 2 View Screen



11) Press and Hold

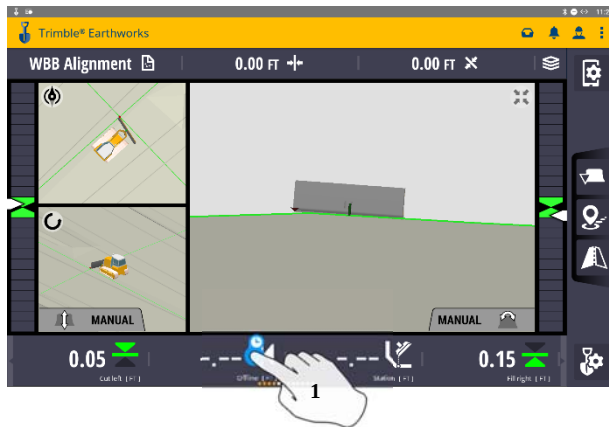


12) Touch Plan

13) Touch Cross Section

14) Touch Done

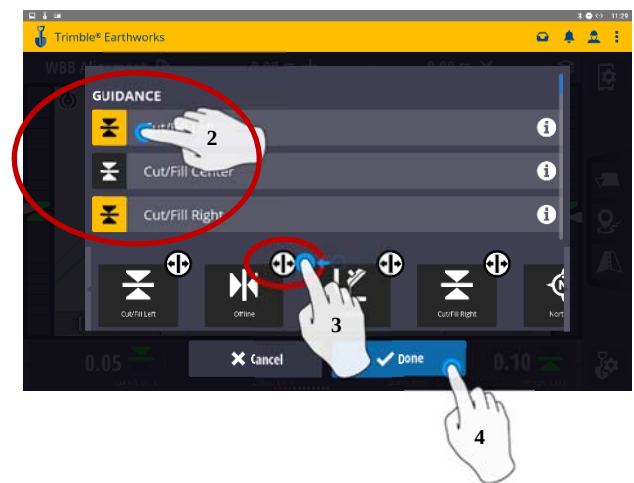
Text Ribbon Setup



1) Touch and Hold Text Ribbon

2) Touch each Text Item

- Cut/Fill Left
- Offline
- Station
- Cut/Fill Right
- Northing
- Easting
- Elevation
- Design Elevation
- Design Cross Slope
- Design Mainfall
- Vertical GNSS Precision
- Satellite Count



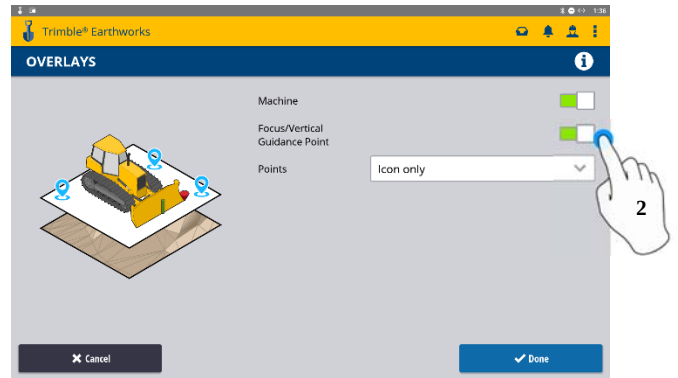
3) Touch - Hold - Drag to Change Position

4) Touch Done

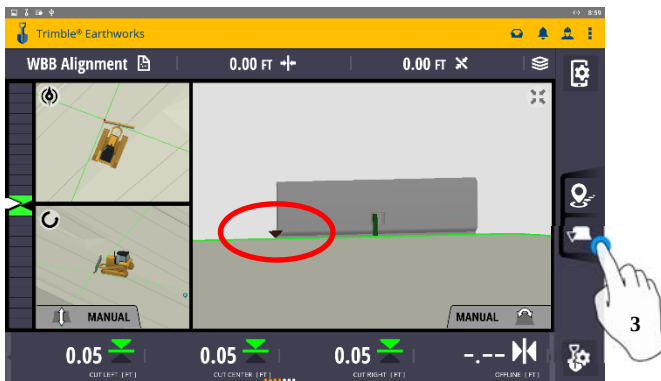
Blade Focus Point



1) Touch and Hold Layer Icon



2) Touch Focus/Vertical Guidance Point



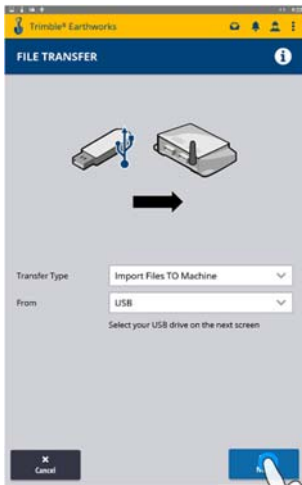
3) Touch Bucket Focus to change focus point



4) Touch Bucket Focus to change focus point

Transfer Data with USB

Import Data from USB



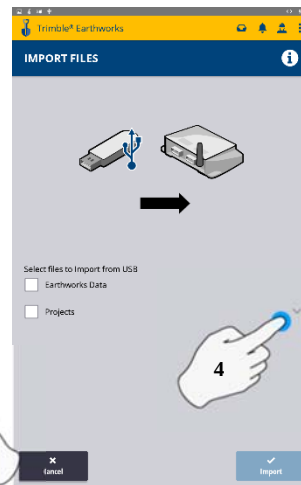
Insert USB

1) Touch Next

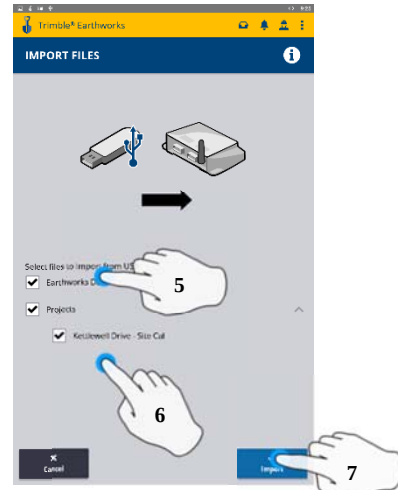


2) Touch USB

3) Touch Select



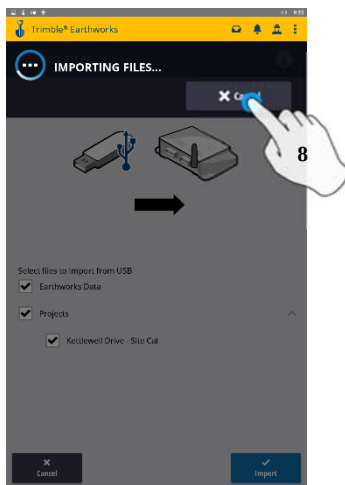
7) Touch



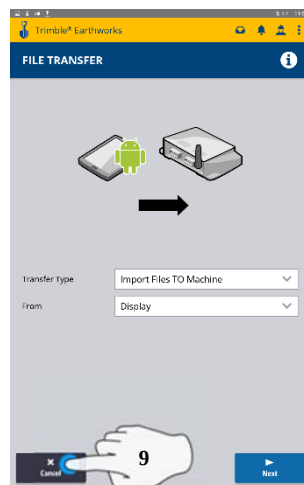
5) Select Earthworks Data

6) Select Projects

7) Touch Import



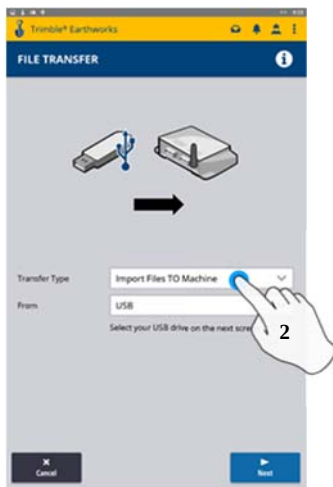
8) Touch OK



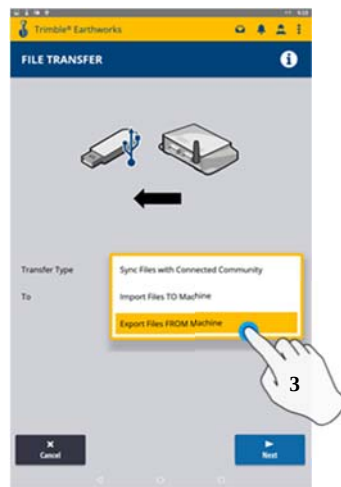
9) Touch Cancel

10) Remove USB

Export Data to USB



- 1) Insert USB
2) Touch Transfer Type



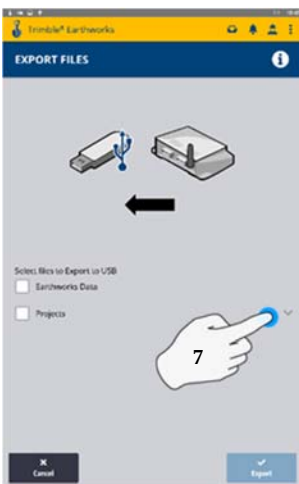
- 3) Touch Export Files



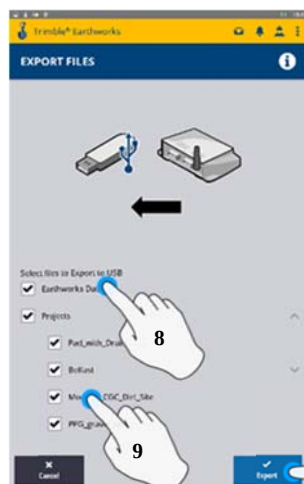
- 4) Touch Next



- 5) Touch USB
6) Touch Select



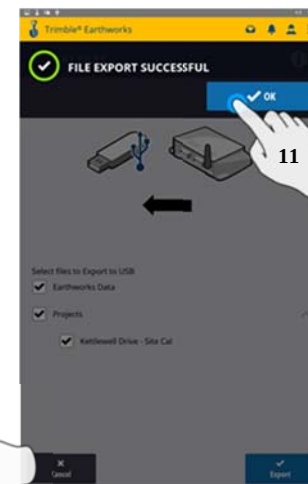
- 8) Touch



- 8) Select Earthworks Data

- 9) Select Projects

- 10) Touch Export

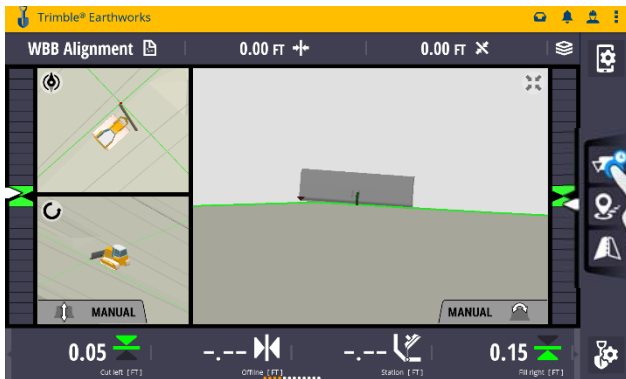


- 11) Touch OK

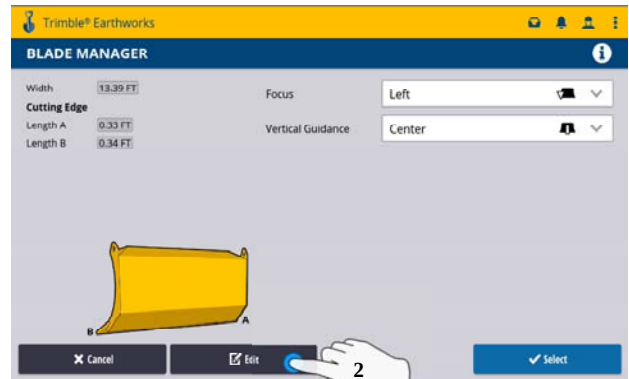


- 12) Touch Cancel
13) Remove USB

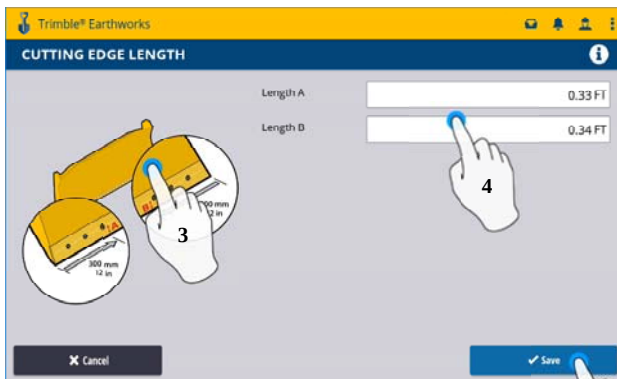
Cutting Edge Wear



1) Touch and Hold Focus Icon



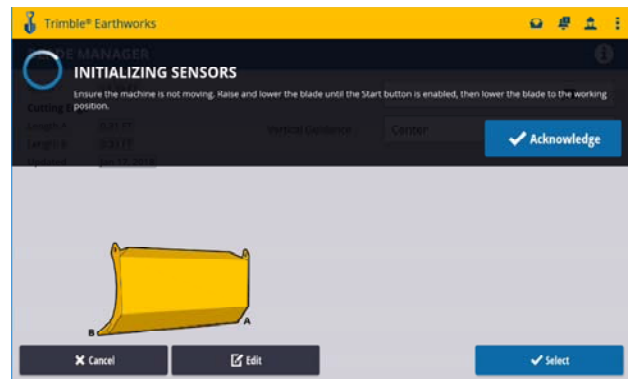
2) Touch Edit



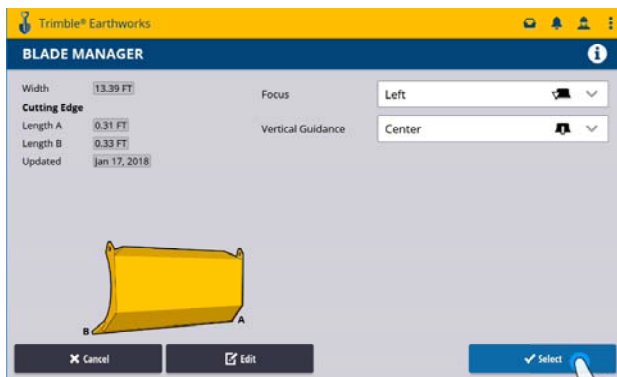
3) Measure Blade

4) Enter Length A and B

5) Touch Save



6) Raise and Lower the blade to initialize



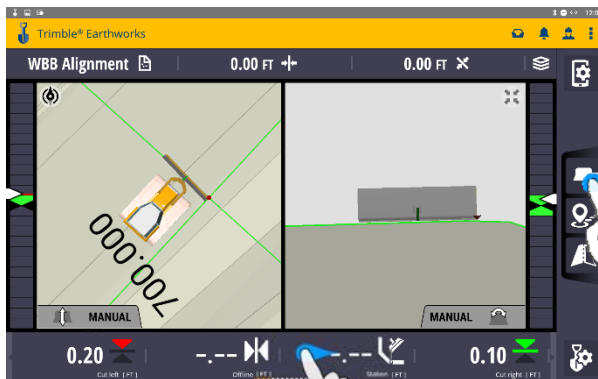
7) Touch Select

Verify System Accuracy

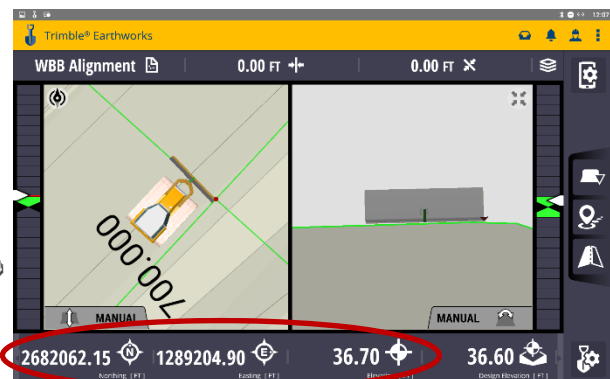
Verify the system accuracy by checking into a Bench Point



Position the Blade Tip over the Bench Point



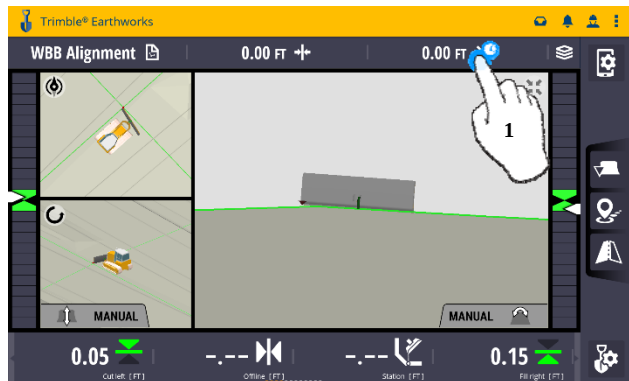
- 1) Swipe Ribbon
To View
Northing, Easting, Elevation



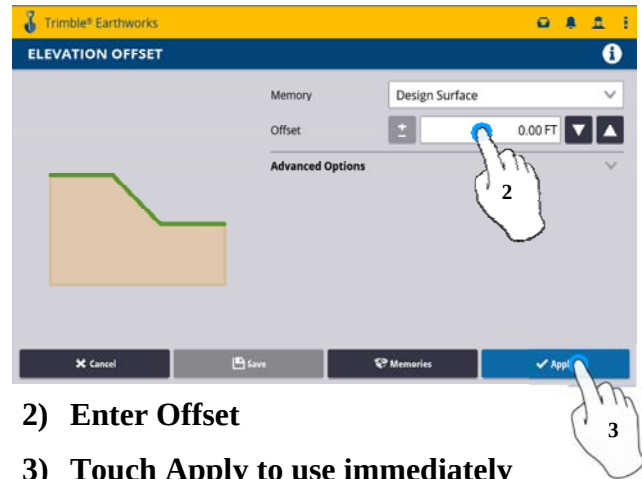
- 3) Verify Accuracy
Northing, Easting, Elevation

See Supervisor if Northing, Easting and Elevation do not match Project tolerances

Vertical Offset / Memories



1) Touch and Hold Vertical Offsets

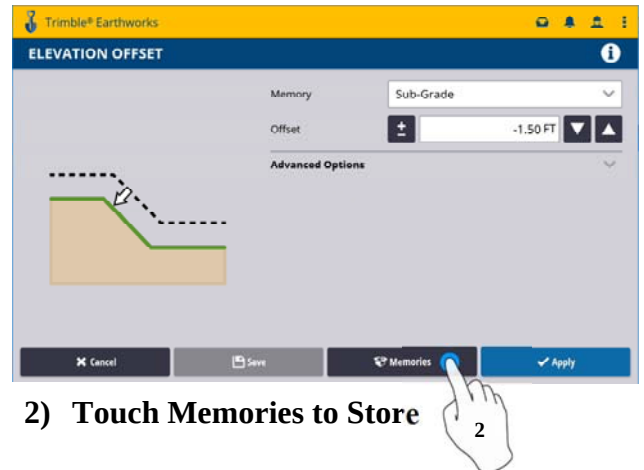


2) Enter Offset

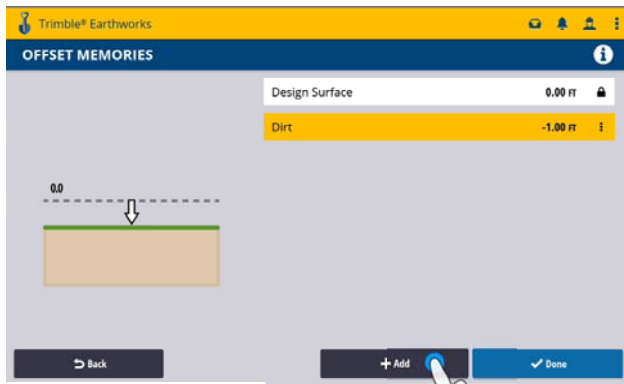
3) Touch Apply to use immediately



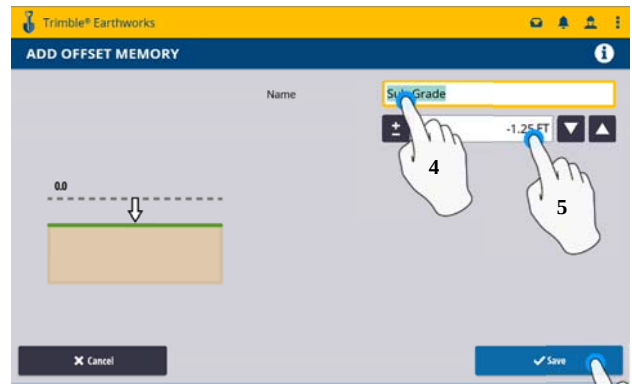
1) Touch and Hold Vertical Offsets



2) Touch Memories to Store



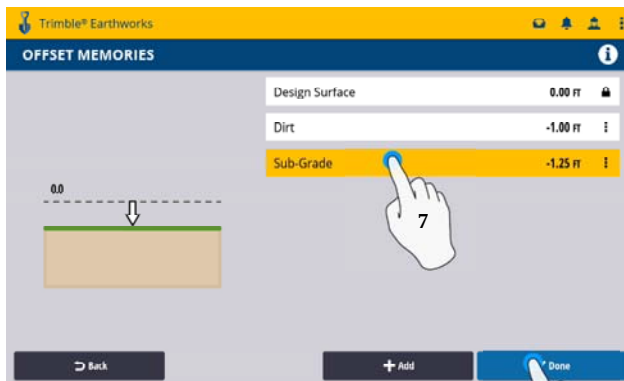
3) Touch Add



4) Enter Description

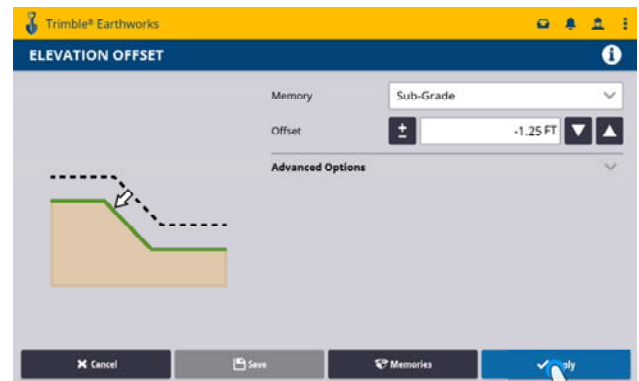
5) Enter Value

6) Touch Save



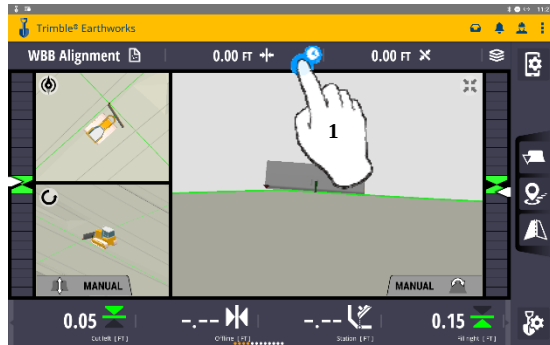
7) Select Memory

8) Touch Done

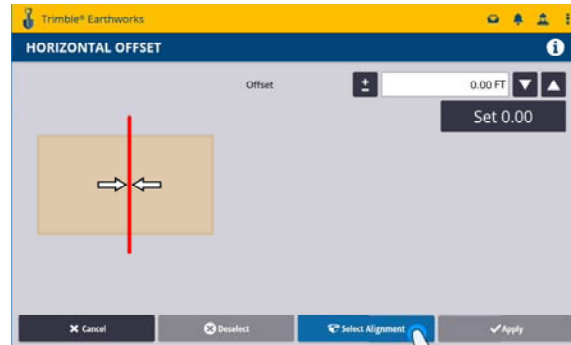


9) Touch Apply

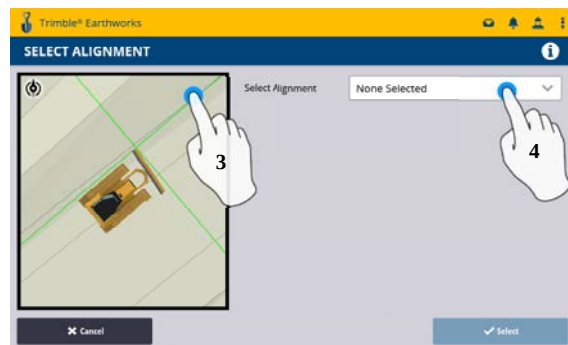
Horizontal Offset



1) Touch and Hold Horizontal Offset

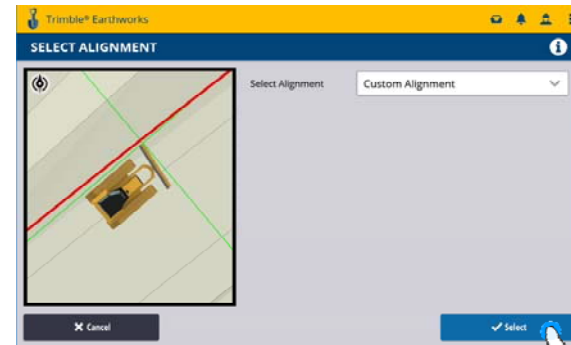


2) Touch Select Alignment

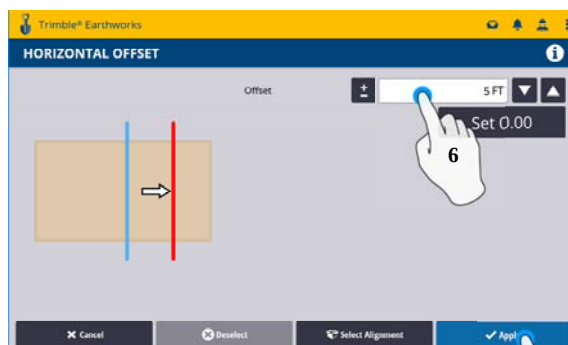


3) Touch Line OR

4) Touch and Select Alignment

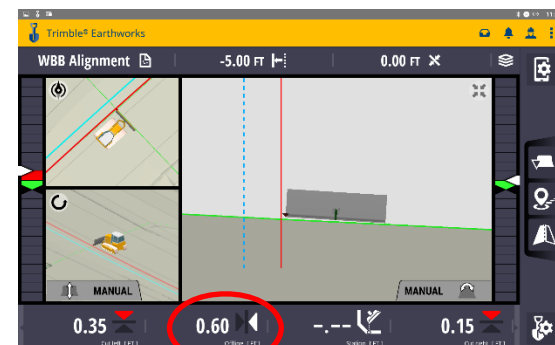


5) Touch Select

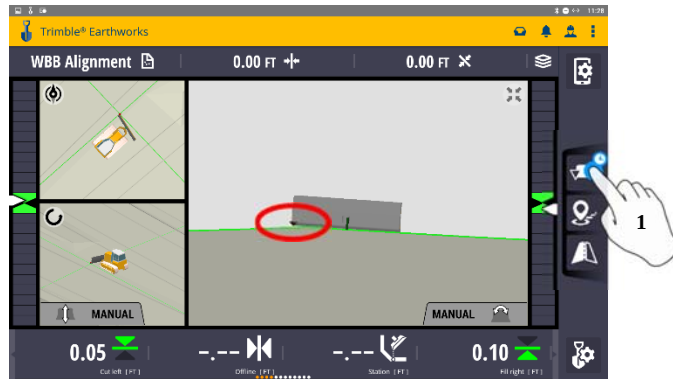


6) Enter Offset Value

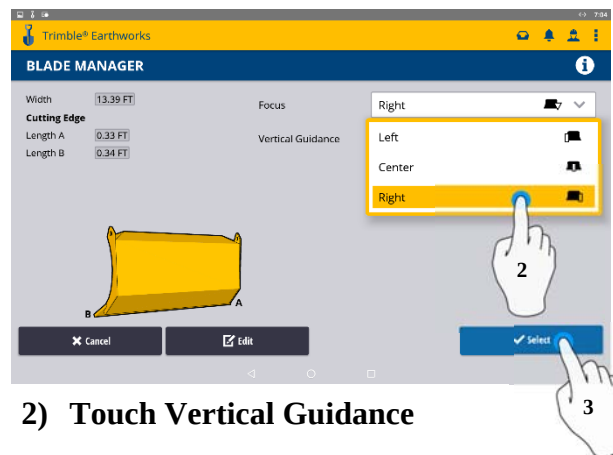
7) Touch Apply



Verical Guidance

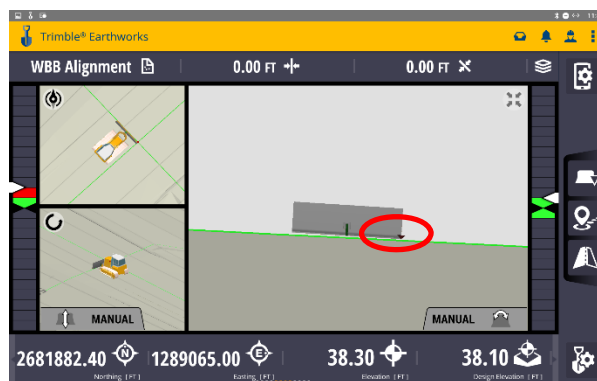


1) Touch and Hold Focus Icon

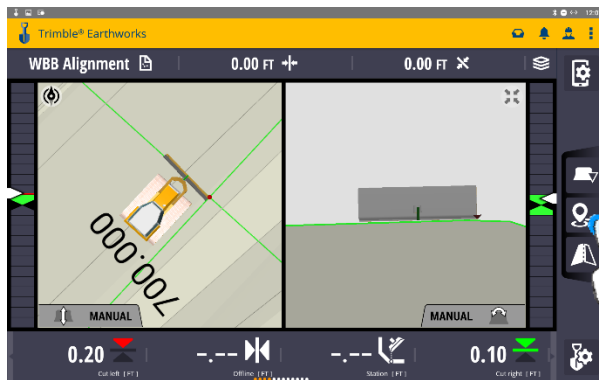


2) Touch Vertical Guidance

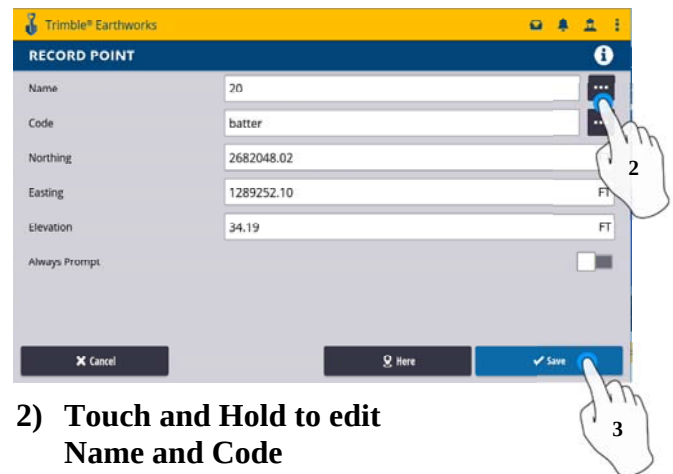
3) Touch Select



Record Point

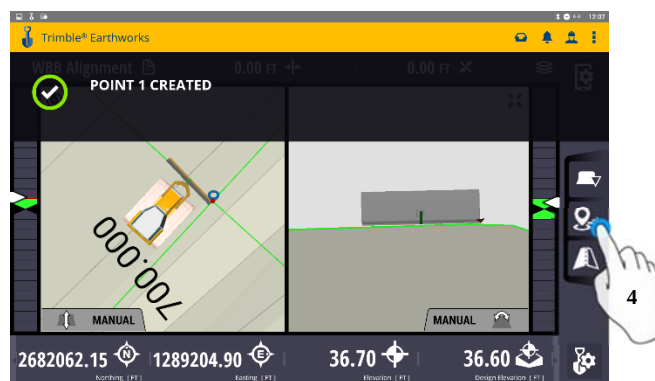


1) Touch and Hold Record Point



2) Touch and Hold to edit
Name and Code

3) Touch Save

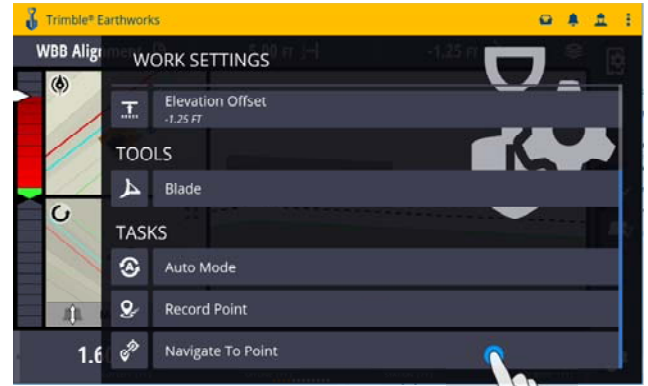


4) Touch Point Icon
Records Point

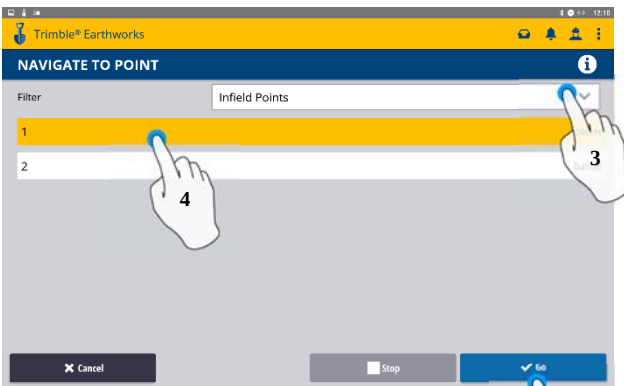
Navigate to Point



1) Touch Work Setting



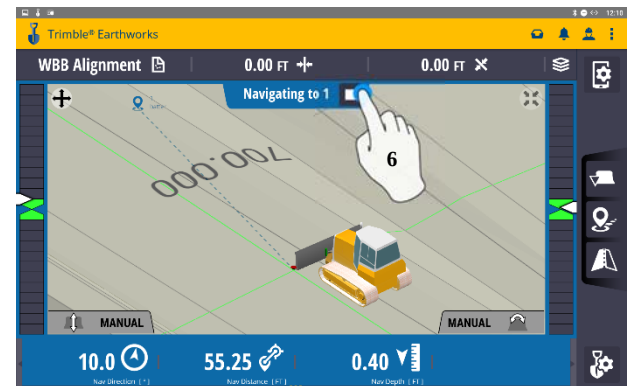
2) Touch Navigate To Point



3) Select Filter

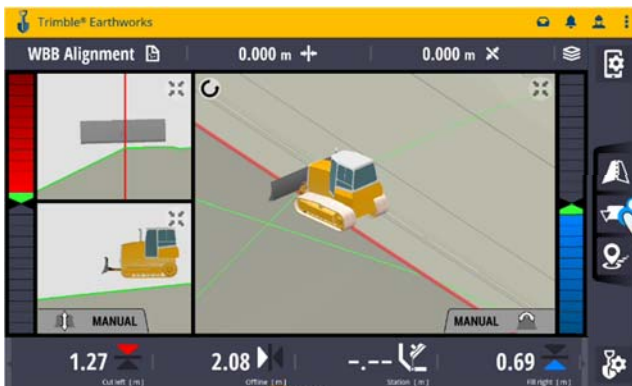
4) Select point

5) Touch Go

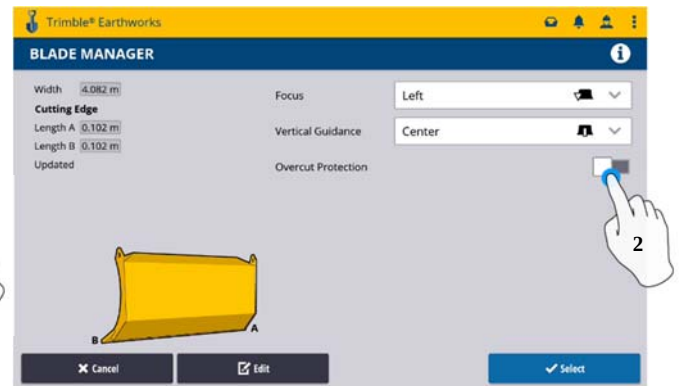


6) Touch Icon to Exit

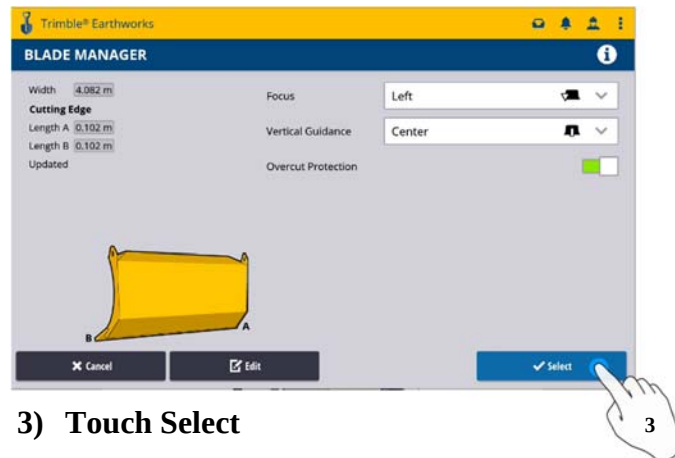
Overcut Protection



1) Touch and Hold Blade Focus



2) Touch Overcut Protection to Turn ON/OFF

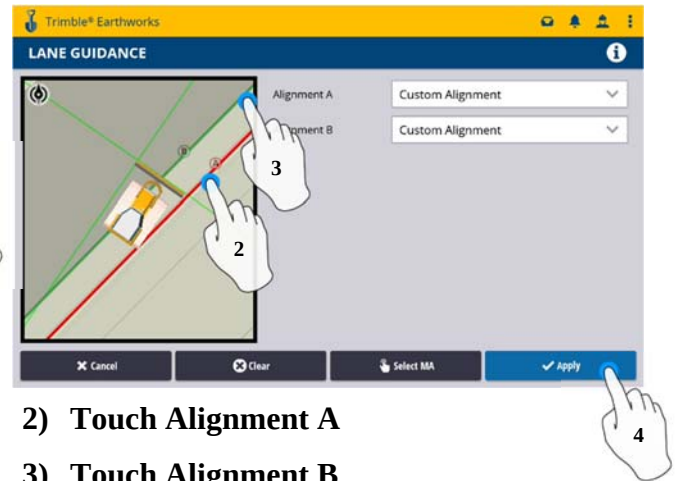


3) Touch Select

Lane Guidance



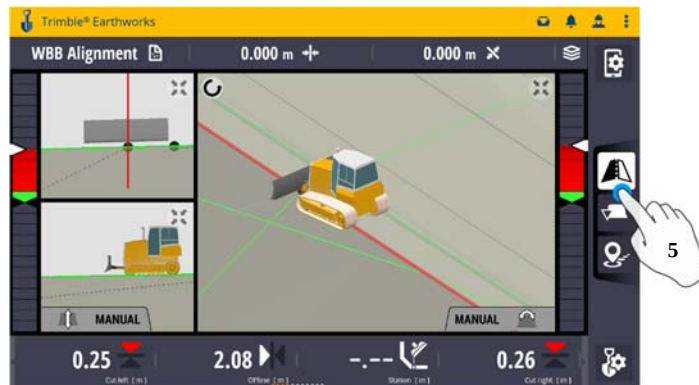
1) Touch Lane Guidance



2) Touch Alignment A

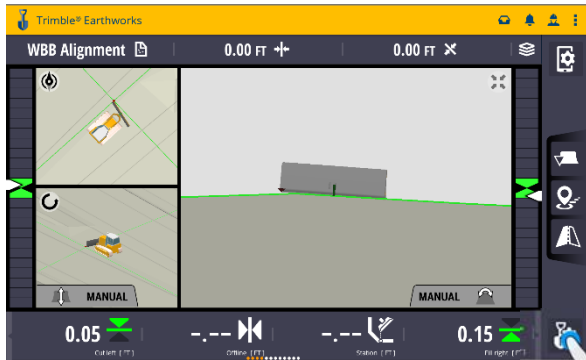
3) Touch Alignment B

4) Touch Apply

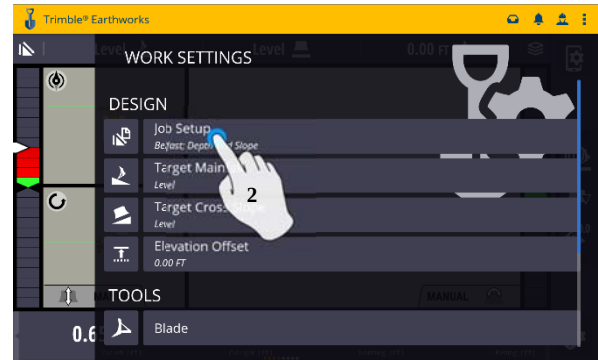


5) Touch Lane Guidance to cancel

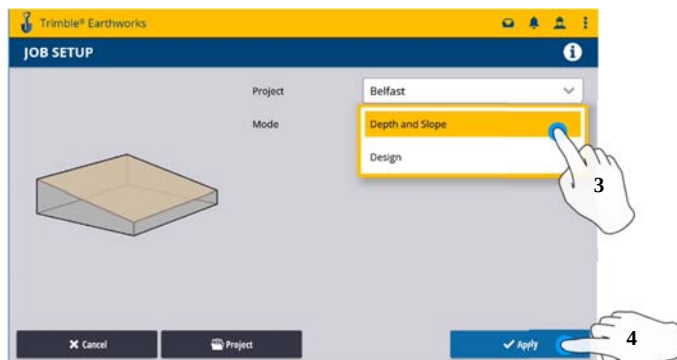
Level Surface



1) Touch Work Setting

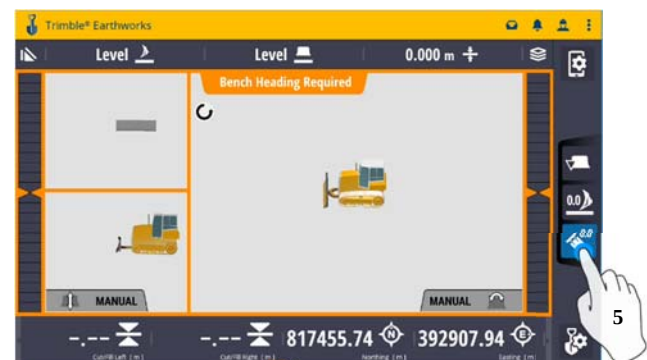


2) Touch Job Setup

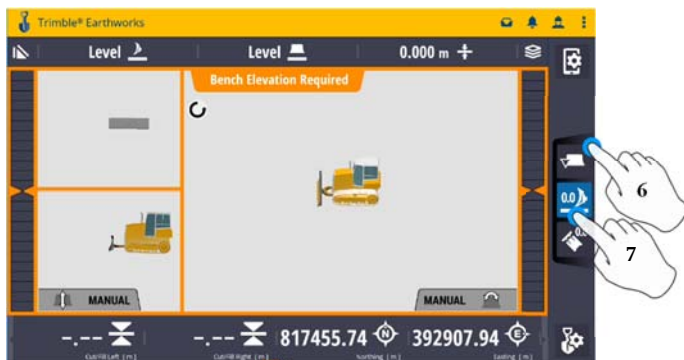


3) Touch Mode and Select Depth and Slope

4) Touch Apply

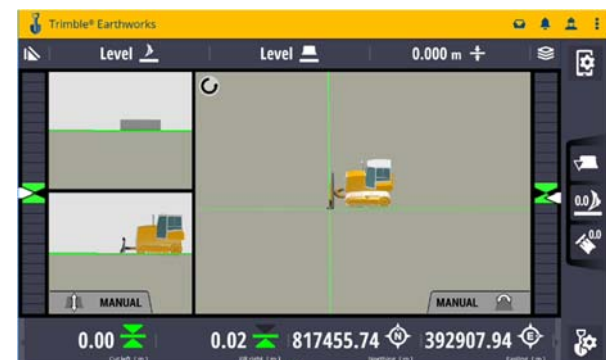


5) Touch Bench Heading



6) Select Blade Tip Focus Point

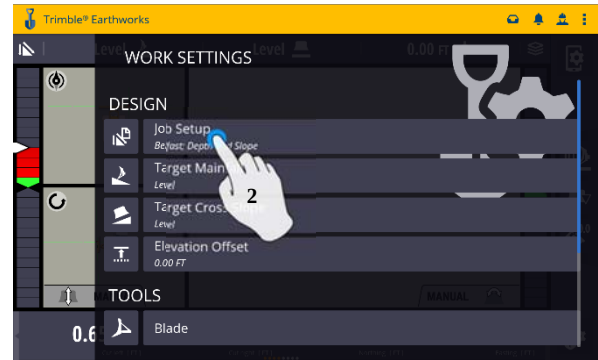
7) Place Blade Tip at elevation and
Touch Bench



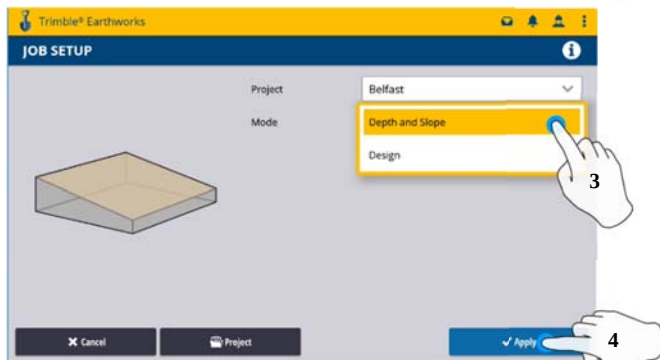
Sloping Surface



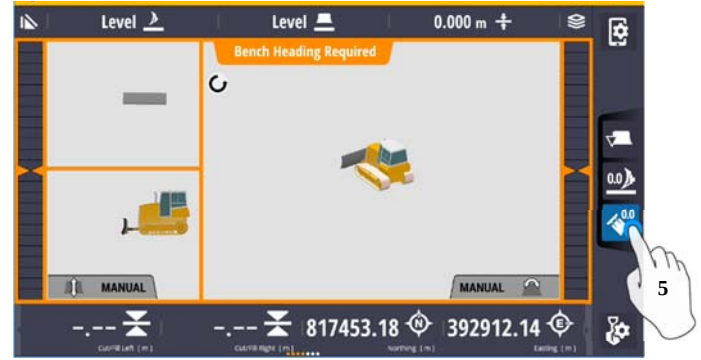
1) Touch Work Setting



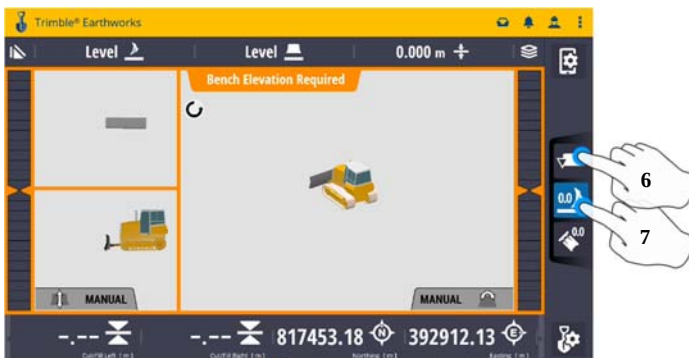
2) Touch Job Setup



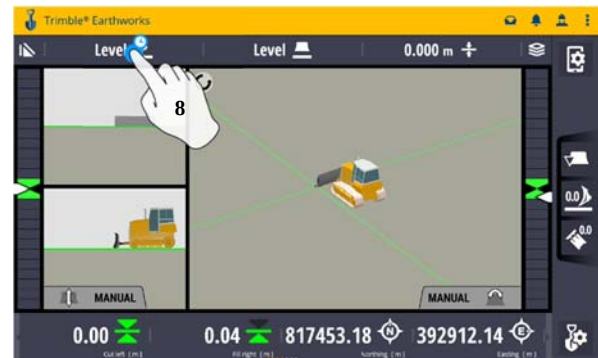
3) Touch Mode and Select Depth and Slope
4) Touch Apply



5) Position Machine in direction of slope
Touch Bench Heading

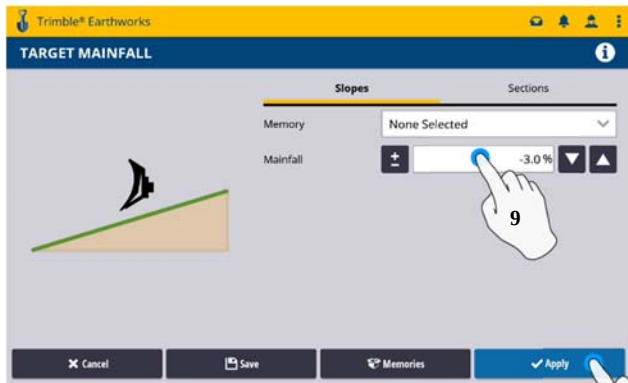


6) Select Blade Tip Focus Point
7) Place Blade Tip at elevation and
Touch Bench

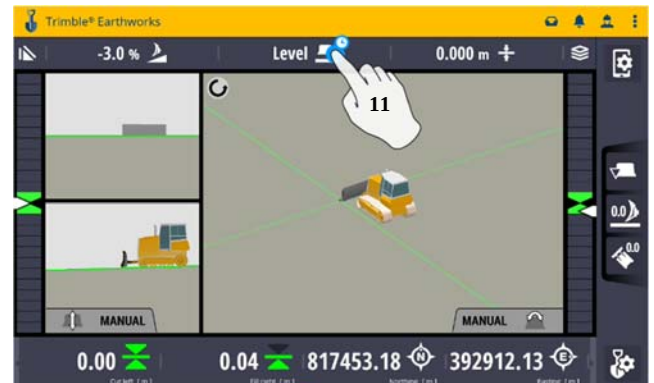


8) Touch and Hold Target Mainfall

Note: This will apply a slope parallel to the direction of the heading

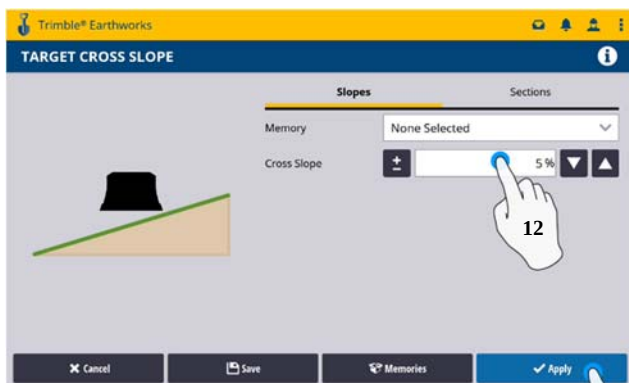


- 9) Enter Mainfall slope
10) Touch Apply

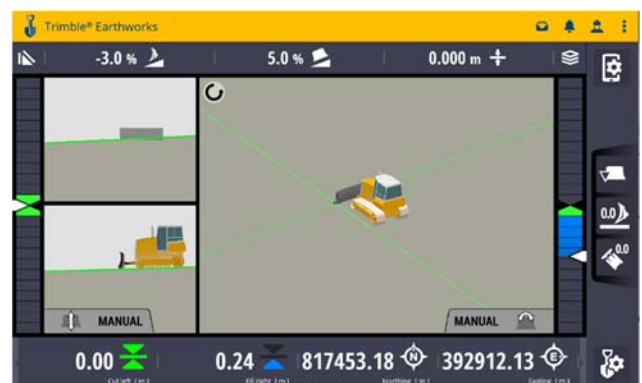


- 11) Touch and Hold cross slope to enter a cross slope

Note: This will apply a slope perpendicular to the direction of the heading



- 12) Enter the cross slope
13) Touch Apply





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