



**GE**  **MAX**

# Codes & GIS

- **Import**

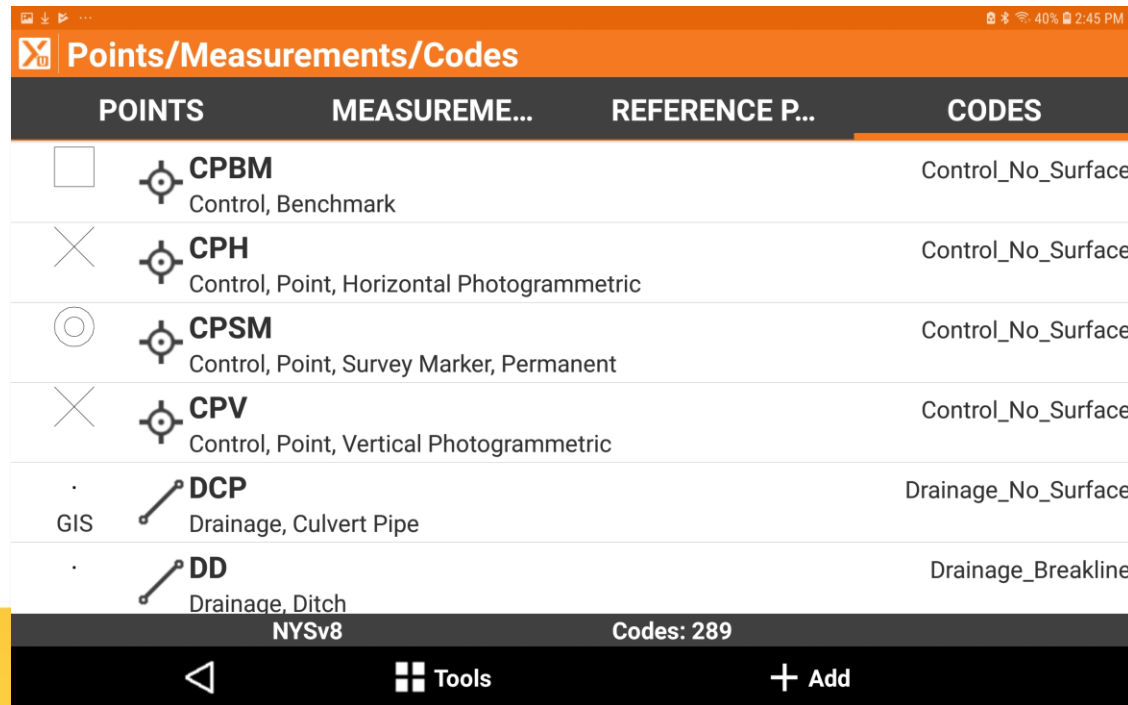
- Import Codeslist
- Import GIS Features

- **Create**













- Create Codeslist
- Create GIS Features

- **Attach**

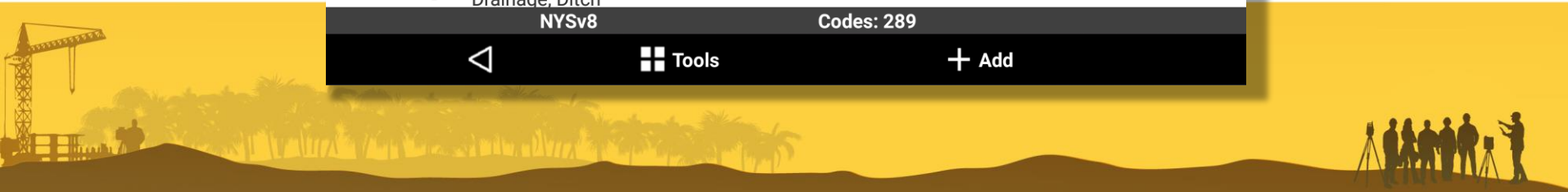
- Attach GIS feature to code



The screenshot shows a mobile application interface with a title bar "Points/Measurements/Codes" and a status bar at the top right showing "40% 2:45 PM". The interface is divided into four tabs: "POINTS", "MEASUREME...", "REFERENCE P...", and "CODES". The "CODES" tab is active, displaying a list of codes and their associated GIS features. The list is as follows:

POINTS	MEASUREME...	REFERENCE P...	CODES
	 <b>CPBM</b> Control, Benchmark		Control_No_Surface
	 <b>CPH</b> Control, Point, Horizontal Photogrammetric		Control_No_Surface
	 <b>CPSM</b> Control, Point, Survey Marker, Permanent		Control_No_Surface
	 <b>CPV</b> Control, Point, Vertical Photogrammetric		Control_No_Surface
	 <b>DCP</b> Drainage, Culvert Pipe		Drainage_No_Surface
	 <b>DD</b> Drainage, Ditch		Drainage_Breakline

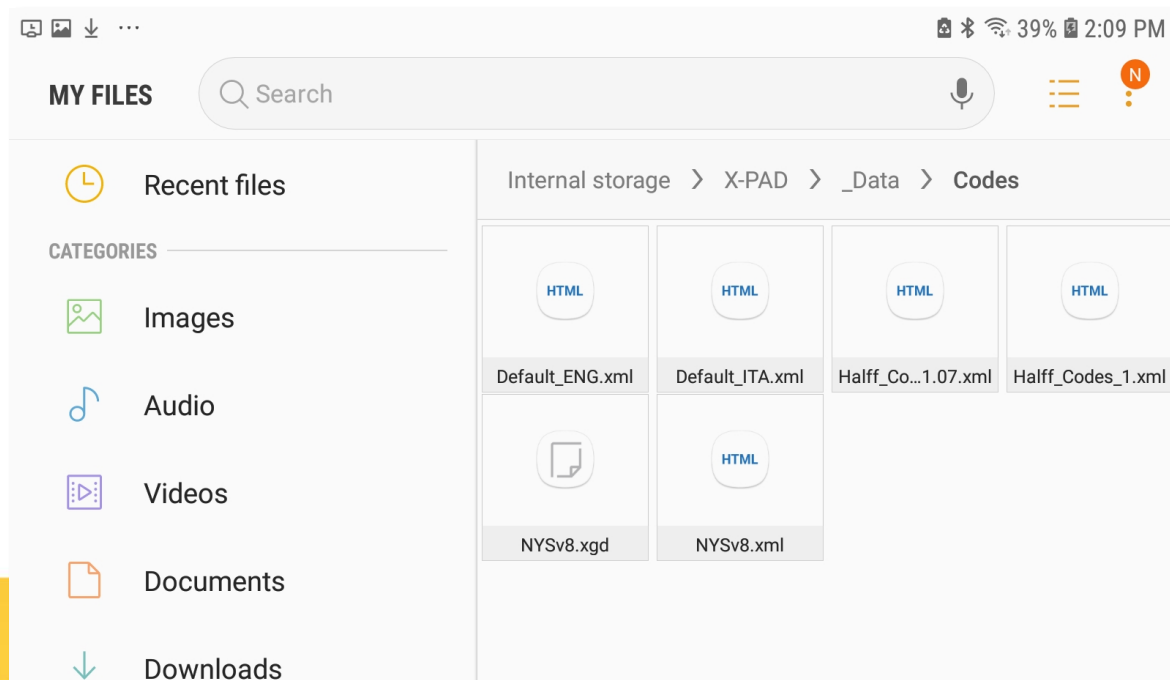
At the bottom of the screen, there is a navigation bar with a back arrow, a "Tools" button, and an "Add" button. The text "NYSv8" and "Codes: 289" is displayed above the navigation bar.



# Codes

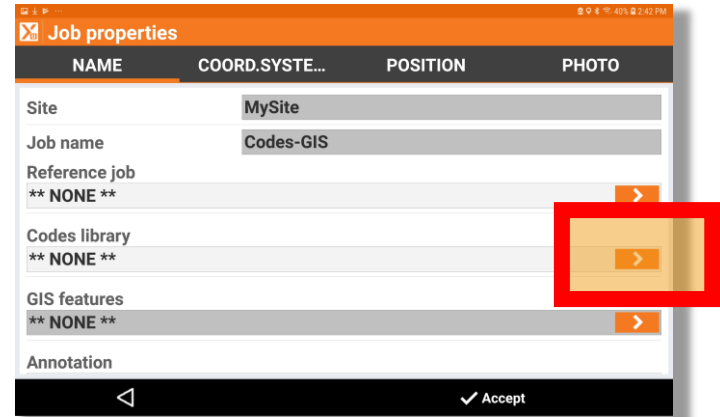
## Import XML

- Paste XML file to Internal Storage>X-Pad>Data>Codes

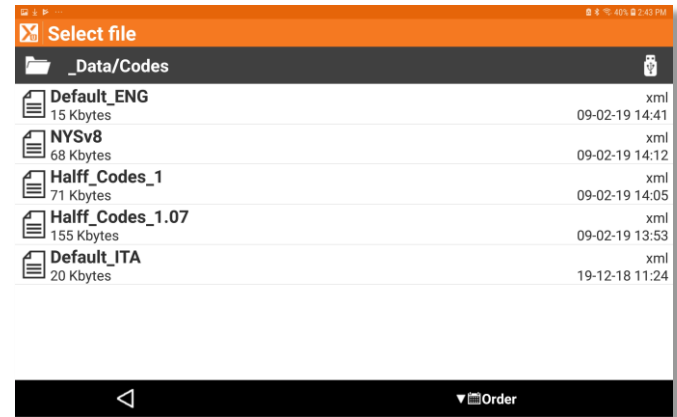


# Import XML

- When creating new job select side menu option on Codes Library

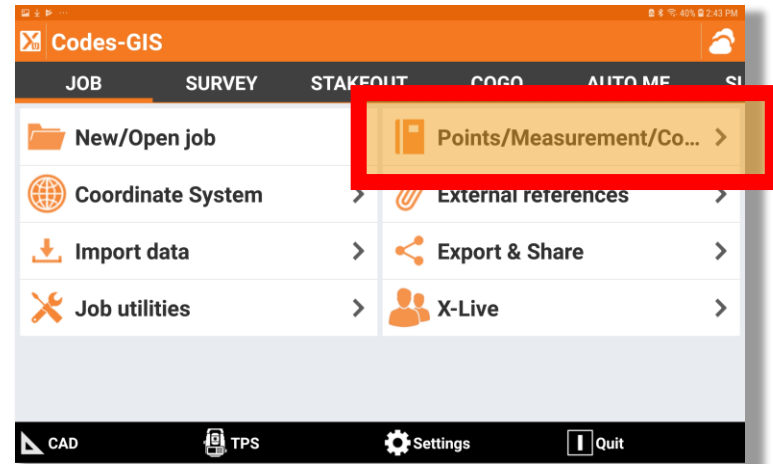


- Select your codeslist

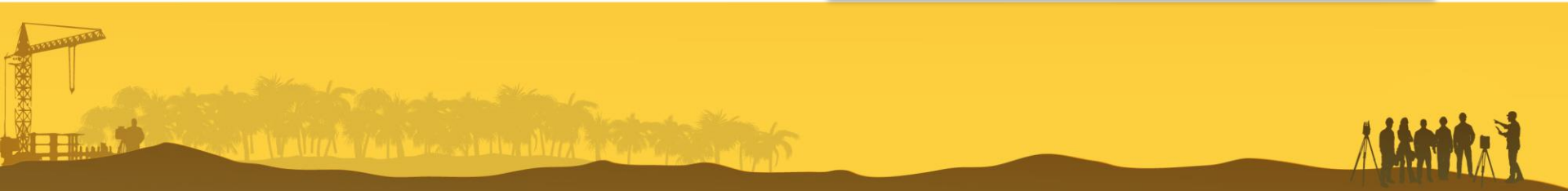
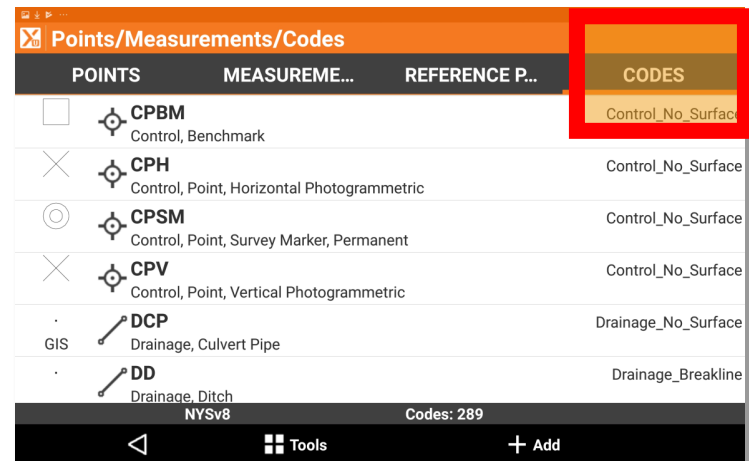


# Import XML

- After completing job setup select Points/Measurements/Codes



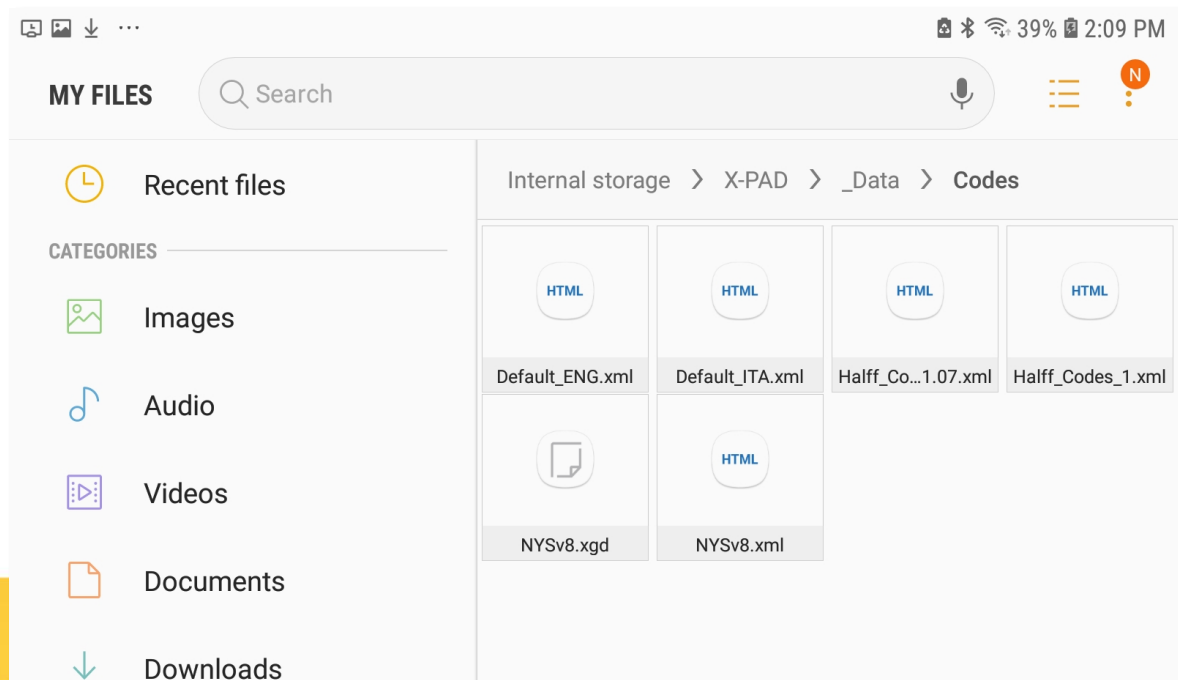
- Select the Codes menu and see all imported codes.



# Import XDG

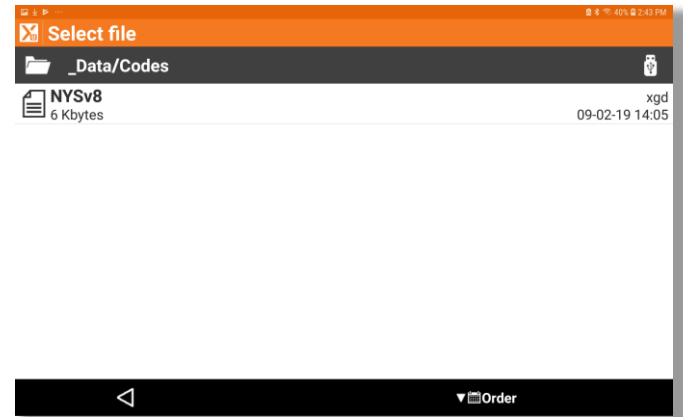
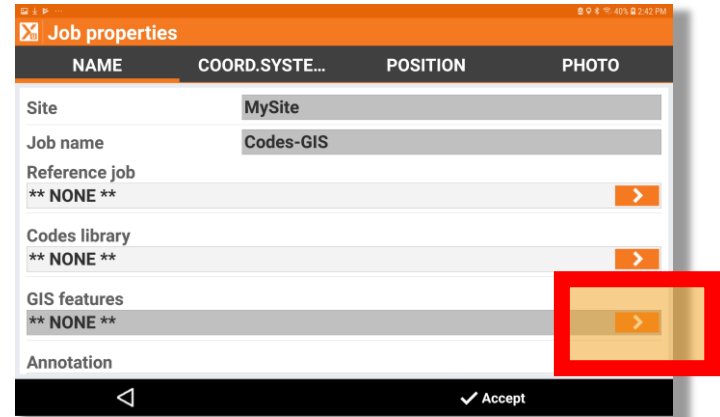
## Import XDG

- Paste XDG file to Internal Storage>X-Pad>Data>Codes



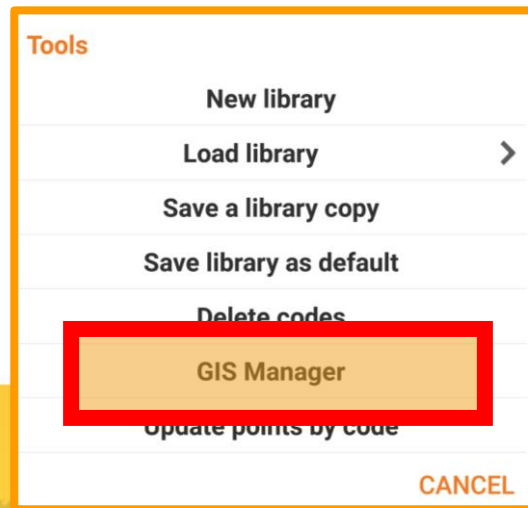
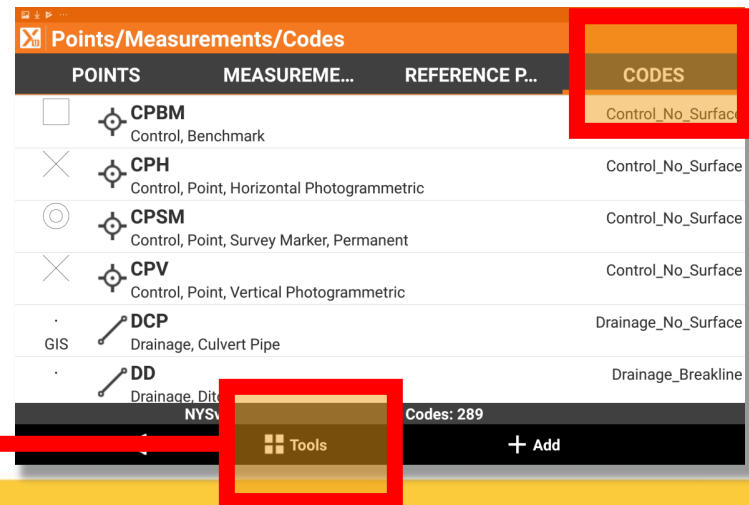
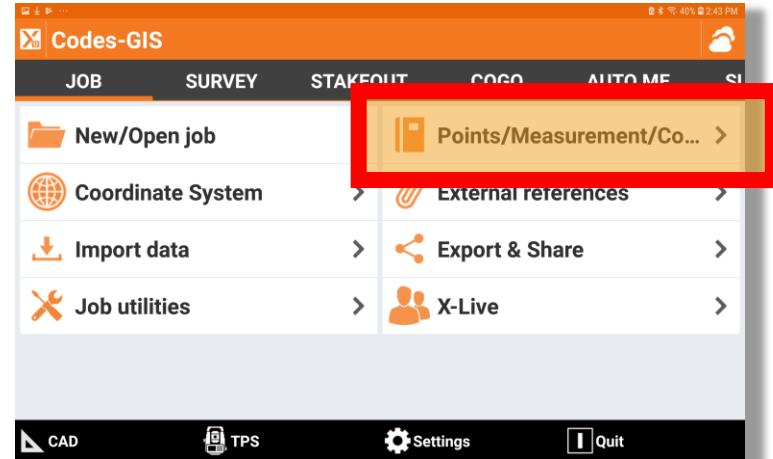
# Import XDG

- When creating new job select side menu option on GIS Features
- Select your GIS Feature XDG file



# Import XDG

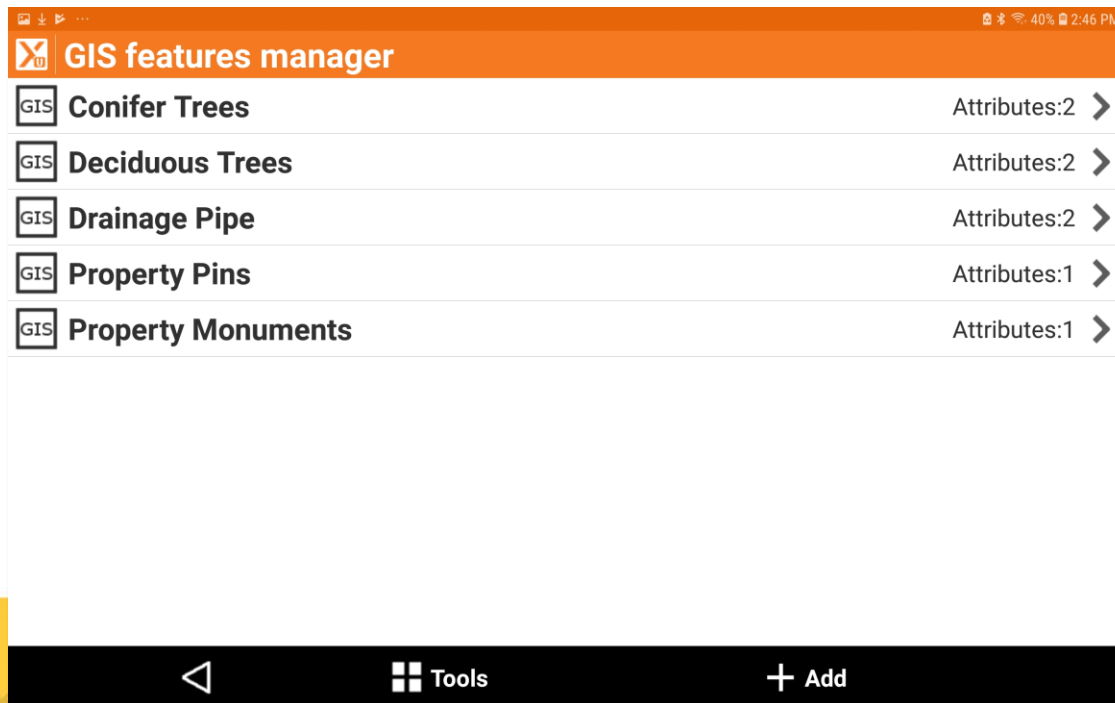
- After completing job setup select Points/Measurements/Codes
- Select the Codes menu, select tools, and select GIS Manager





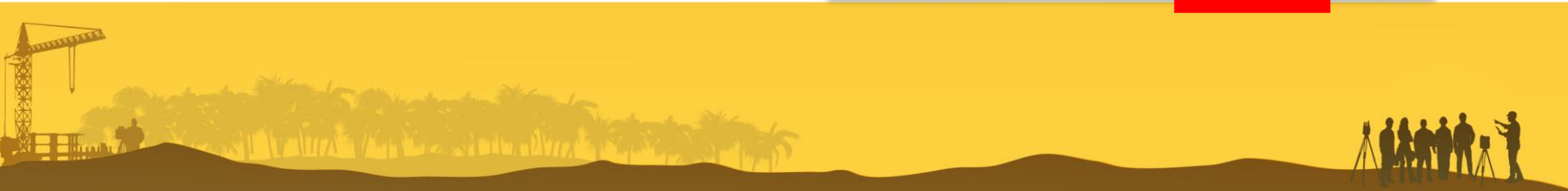
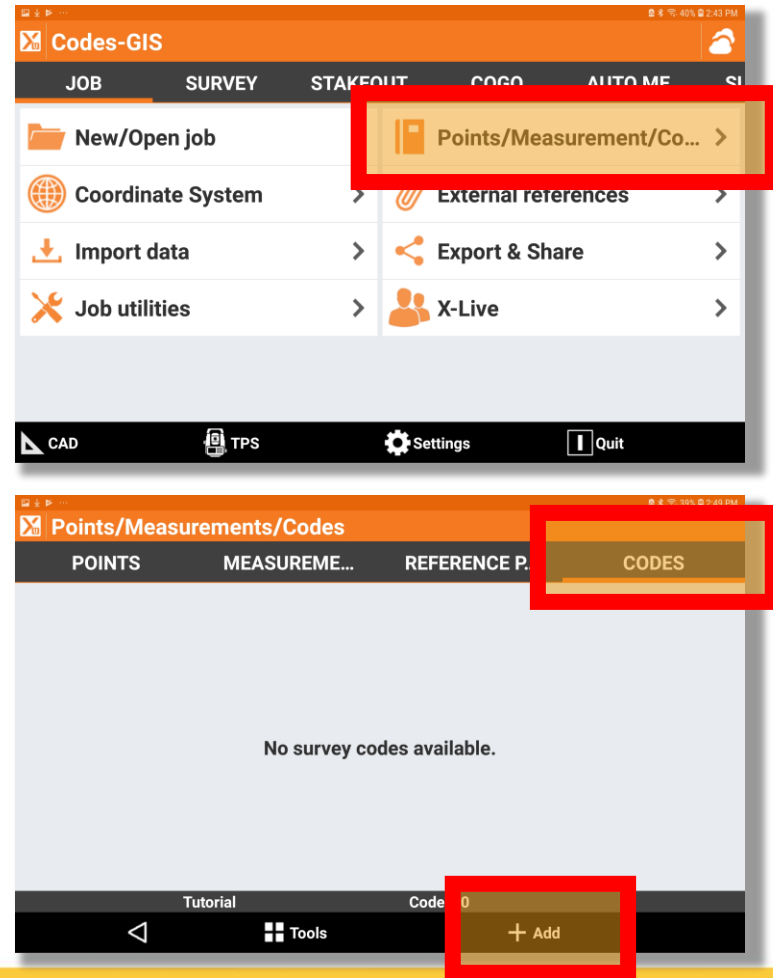
# Import XDG

- You can now see all of your imported GIS Features



# Create Codeslist

- After completing job setup select Points/Measurements/Codes
- Select Codes menu and then select +Add



# Create Codeslist


- Input Code, Description, and select drawing type

**Drawing type**

Single point	<input checked="" type="radio"/>
Line	<input type="radio"/>
Square diagonal	<input type="radio"/>
Square center	<input type="radio"/>
Rectangle base	<input type="radio"/>
Rectangle center	<input type="radio"/>
Circle 3P	<input type="radio"/>
Circle center	<input type="radio"/>

CANCEL

**New code**

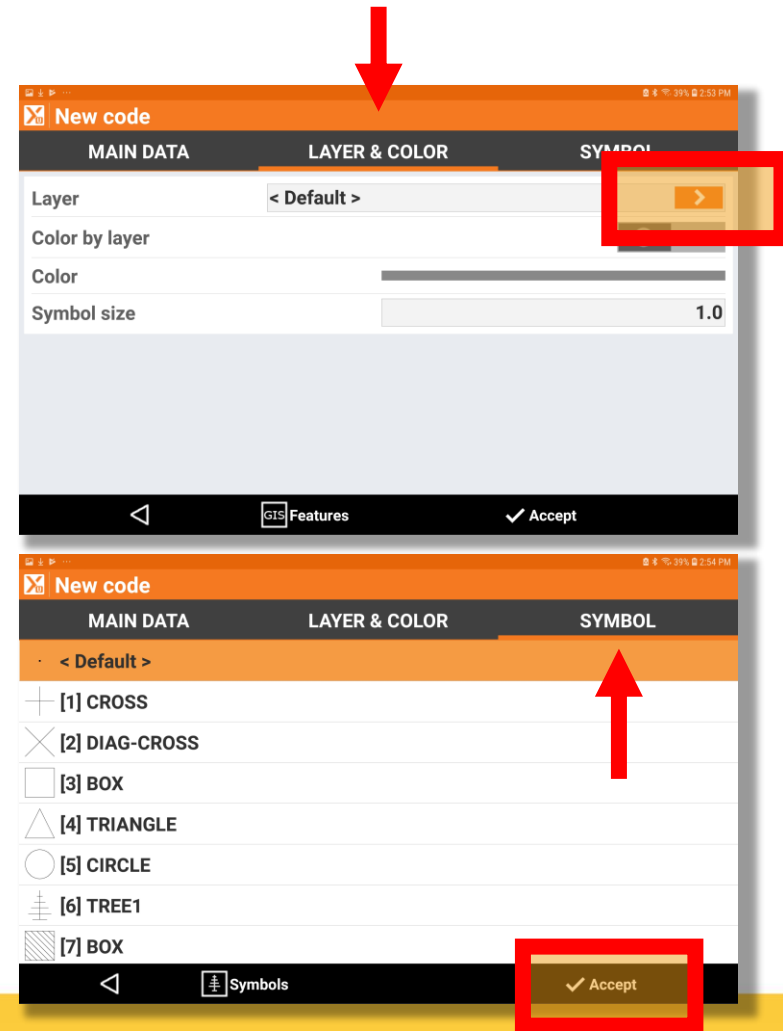
MAIN DATA	LAYER & COLOR	SYMBOL
Code	CP	
Description	Control Point	
Drawing type	Single point	
Feature GIS		

GIS Features Accept



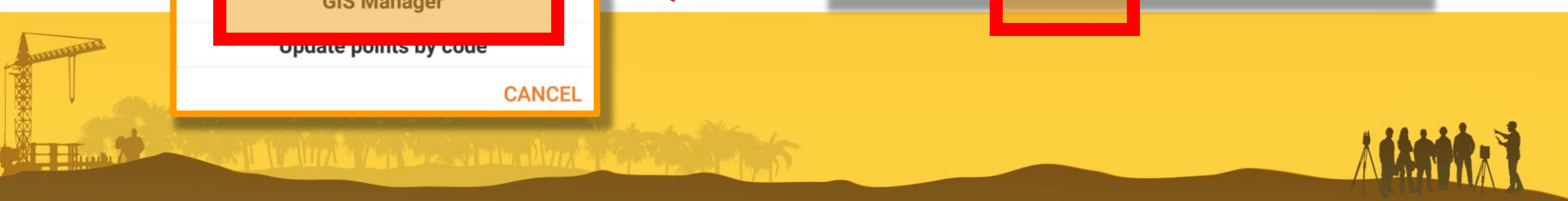
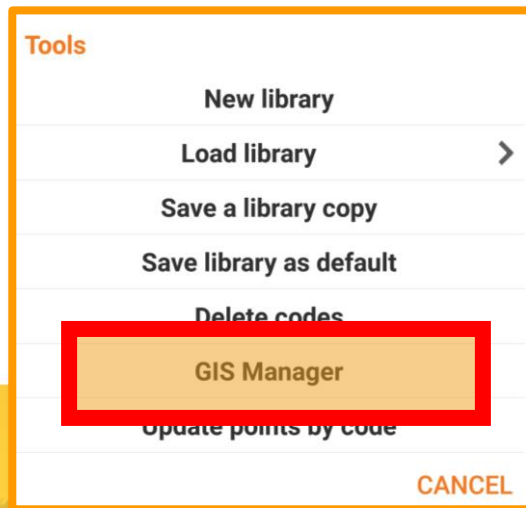
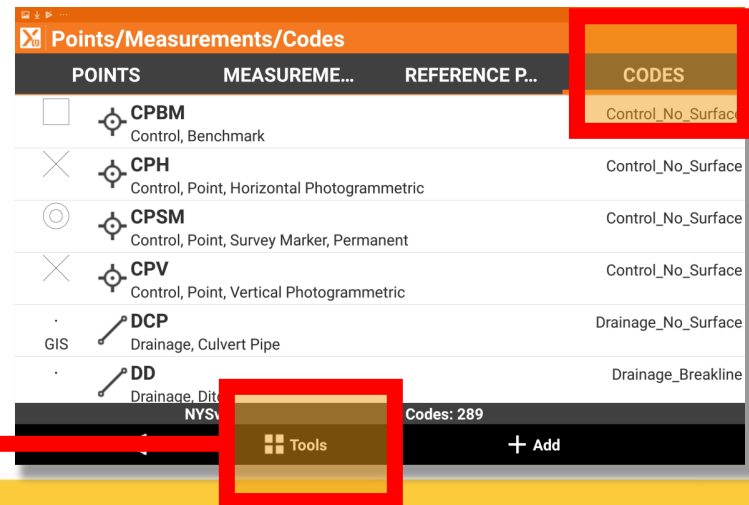
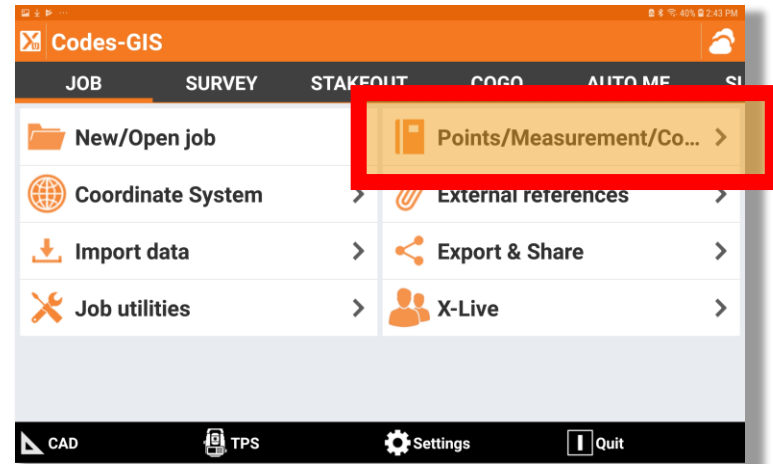
# Create Codeslist

- Select Layer & Color menu
- Layer will default to <Default>
  - Select side menu option to change layer or create new layer
- Select Symbol menu and select the symbol you wish to use
- Now select Accept and the new code will be created



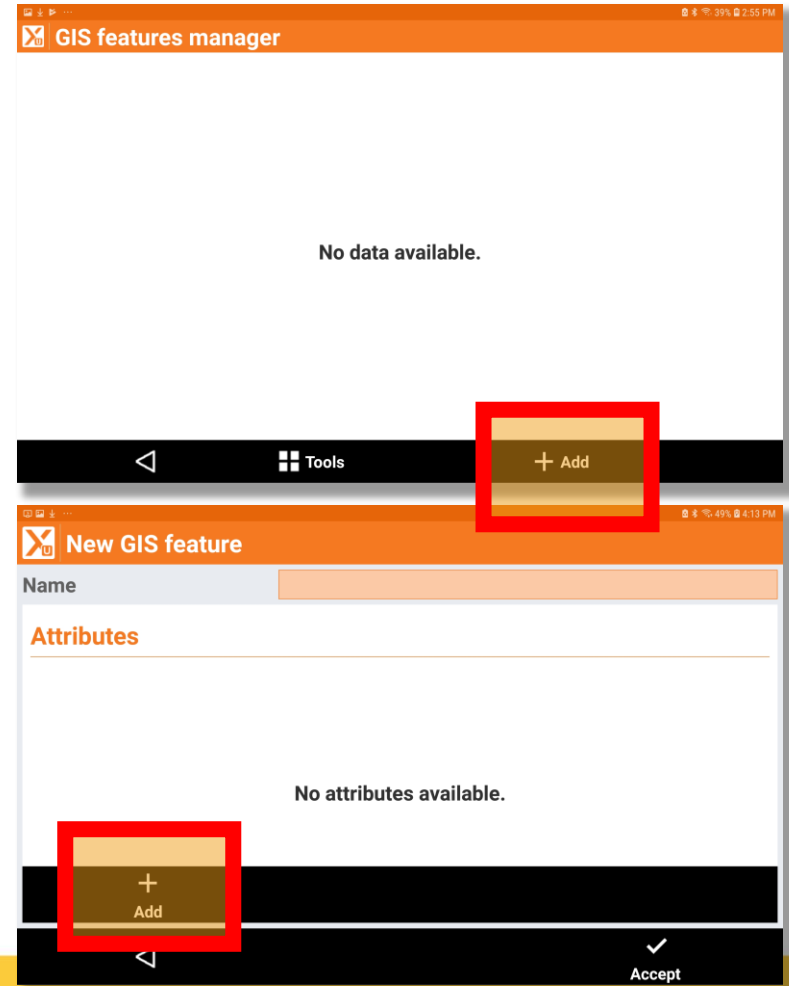
# Create GIS Features

- After completing job setup select Points/Measurements/Codes
- Select the Codes menu, select tools, and select GIS Manager



# Create GIS Feature

- Select +Add to add a new GIS feature
- Input the feature name and select +Add to input attributes



# Create GIS Feature

- Input the name of the attribute
- Select the drop down menu beside type and select the answer type of the attribute

**Type**

Text

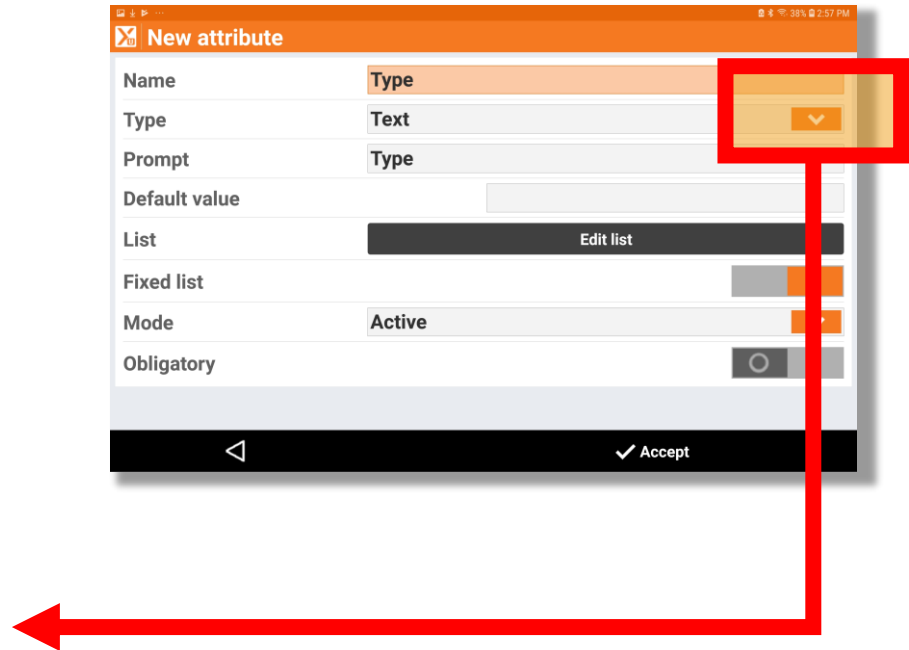
Integer number

Real number

Yes/No

Title

CANCEL



**New attribute**

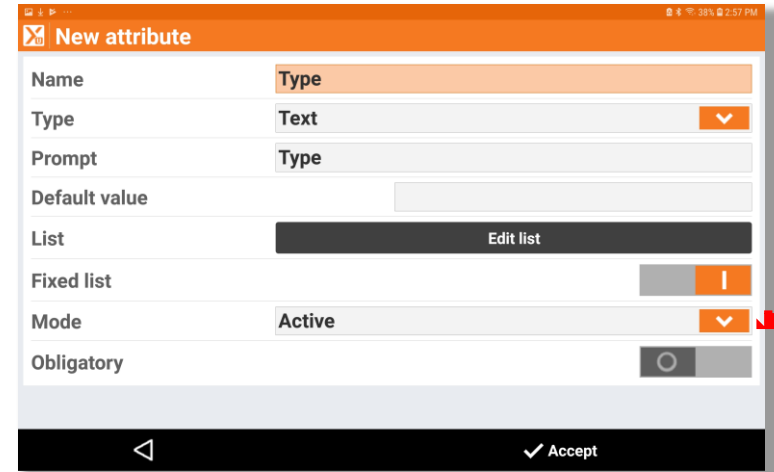
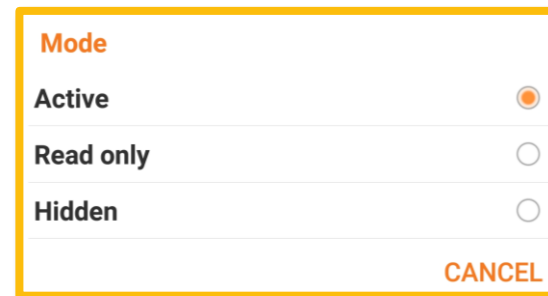
Name	Type
Type	Text
Prompt	Type
Default value	
List	Edit list
Fixed list	
Mode	Active
Obligatory	

Accept



# Create GIS Feature

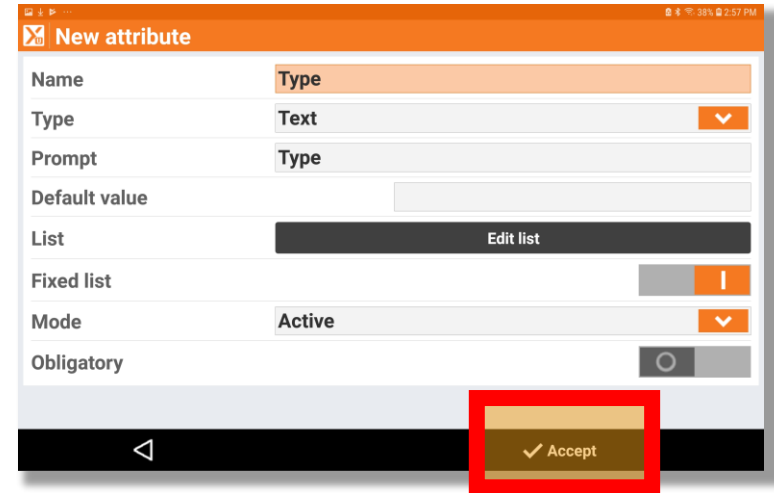
- You can input a default value
- You can create a predefined list of answers for the attribute by selecting “Edit list”
- You can adjust the mode by selecting the drop down menu
- You can make the attribute mandatory to answer if feature is added to a specific code by turning on the “obligatory” option




# Create GIS Feature

- Once you have the attribute finished you select accept
- Then select accept in the New GIS Feature screen



**New attribute**

Name

Type

Prompt

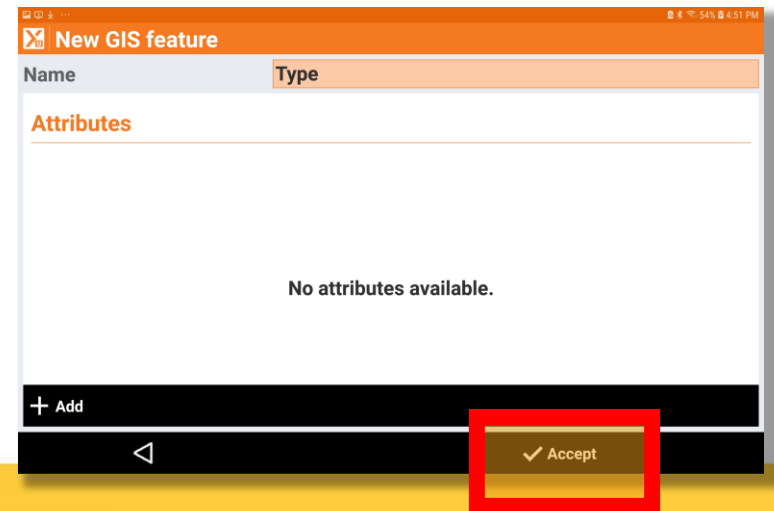
Default value

List

Fixed list

Mode

Obligatory



**New GIS feature**

Name

Type

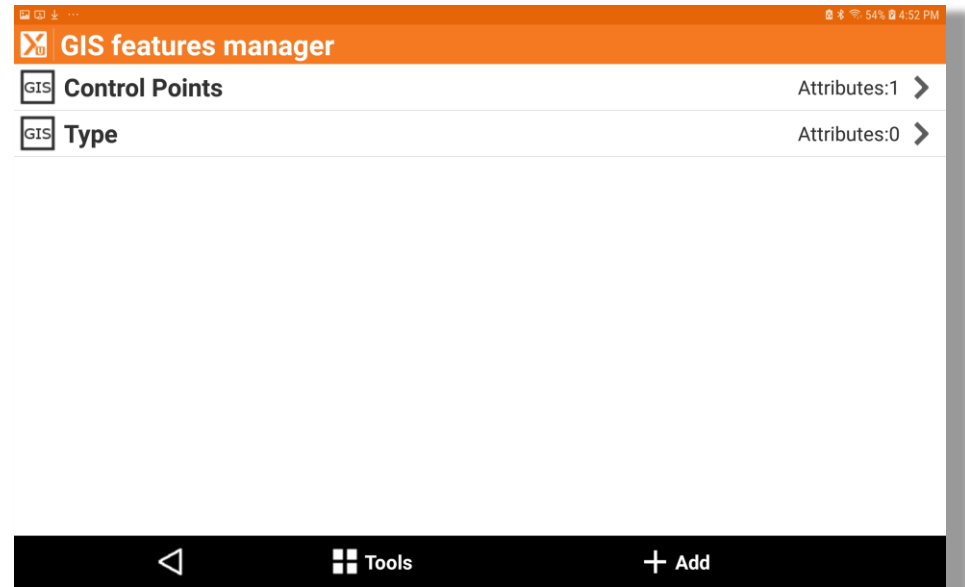
**Attributes**

No attributes available.



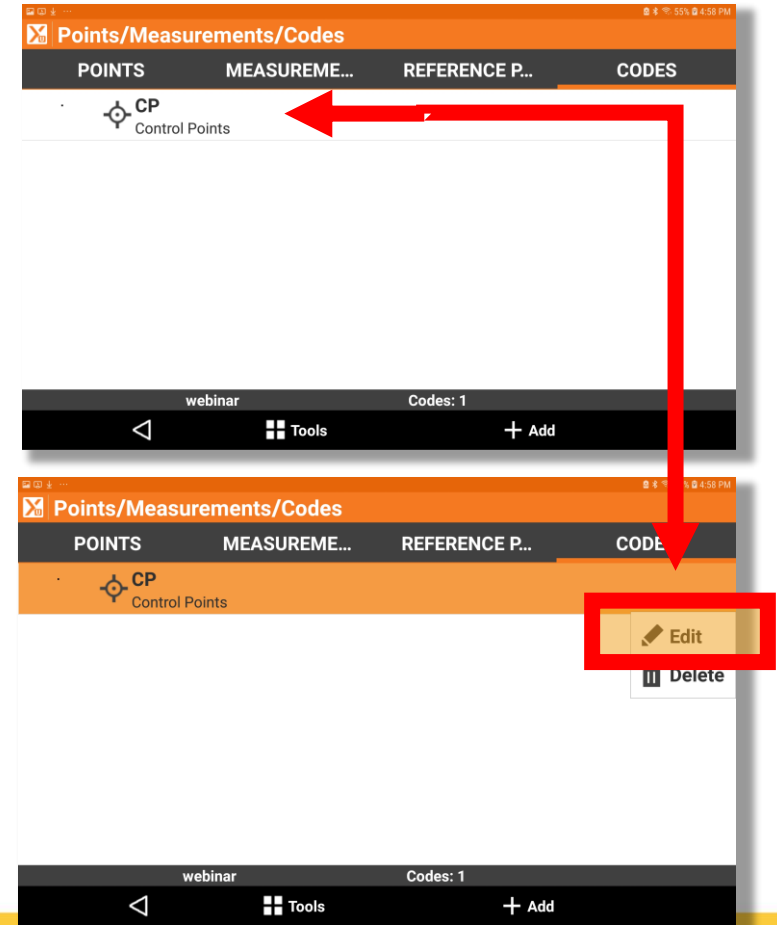
# Create GIS Feature

- You can now see your new GIS Features and they are now able to be attached to codes



# Attach Feature

- Tap on the code that want to attach the GIS feature to and select edit.

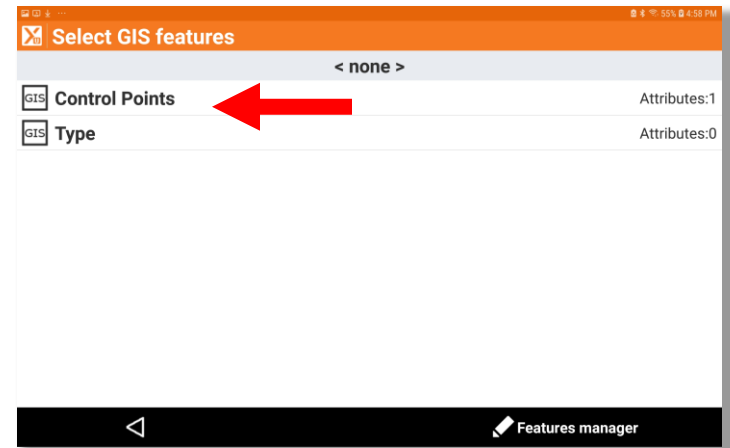


# Attach Feature

- Select the side menu option beside Feature GIS

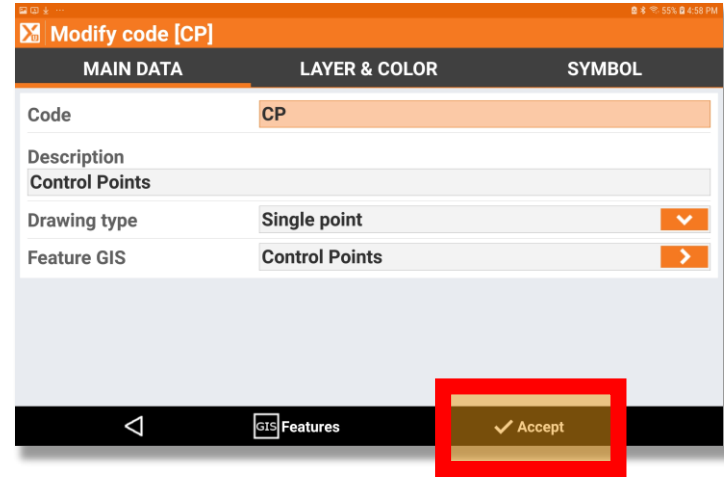


- Select the GIS feature that you want attached to the code



# Attach Feature

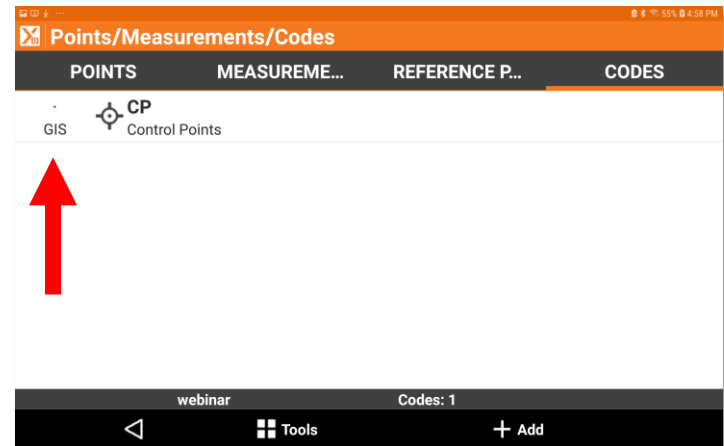
- You will see your selected feature appear in the Feature GIS option

MAIN DATA	LAYER & COLOR	SYMBOL
Code	CP	
Description	Control Points	
Drawing type	Single point	▼
Feature GIS	Control Points	▶


GIS Features ✓ Accept

- Once you select accept you will now see that there is a GIS feature attached to the code



Points/Measurements/Codes

POINTS MEASUREME... REFERENCE P... CODES

GIS  CP Control Points

webinar Codes: 1

Tools + Add



# Codes & GIS

Comments and suggestions to

[academy@geomax-positioning.com](mailto:academy@geomax-positioning.com)

