



# MC Mobile




3D-MC Mobile How to Create Surfaces

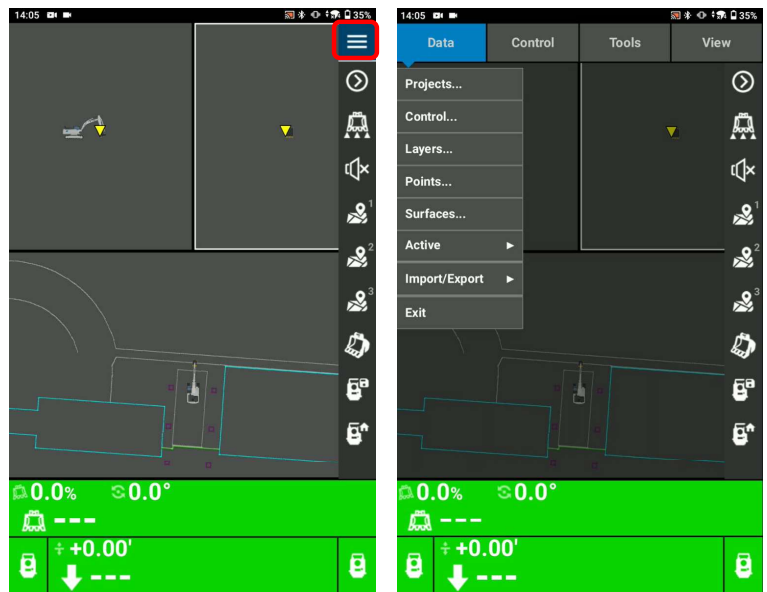
## How to Create New Surfaces in 3D-MC Mobile

There are 7 options to create new surfaces and edit existing surfaces in 3DMC Mobile

1. Flat Plane Surface
2. Sloping Plane Surface
3. Crown Road Surface
4. Triangulated Surface from Topo Survey
5. Raise/Lower Existing Surface
6. Subgrade of Existing Alignment
7. Surface from Polyline to Alignment with template
8. Surface from Polyline to Alignment without template

## How to Create New Surfaces in 3DMC Mobile

- Select  to find the surface options
- Select Data
- Select Surfaces

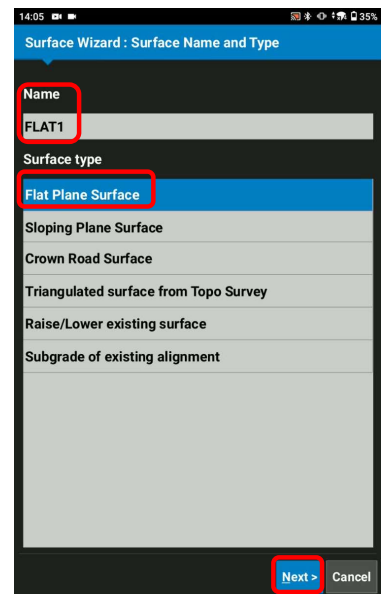
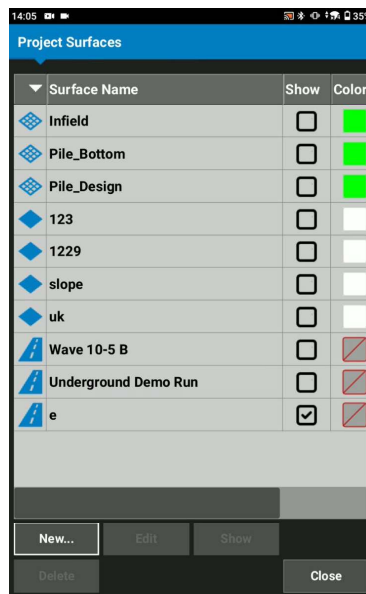


## How to Create New Surfaces in 3DMC Mobile

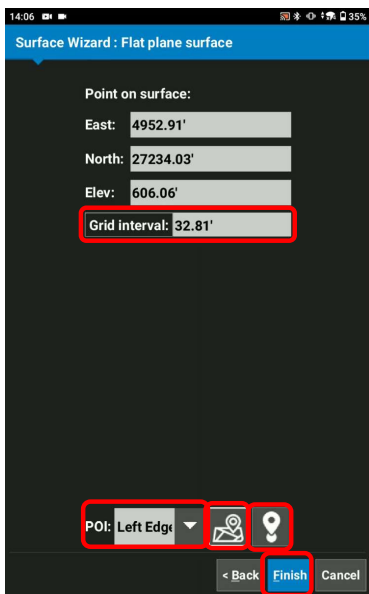
- Select New

There are 6 options to create new surfaces.

- Select Flat Plane Surface to create a flat plane surface
- Name your flat plane surface
- Select Next

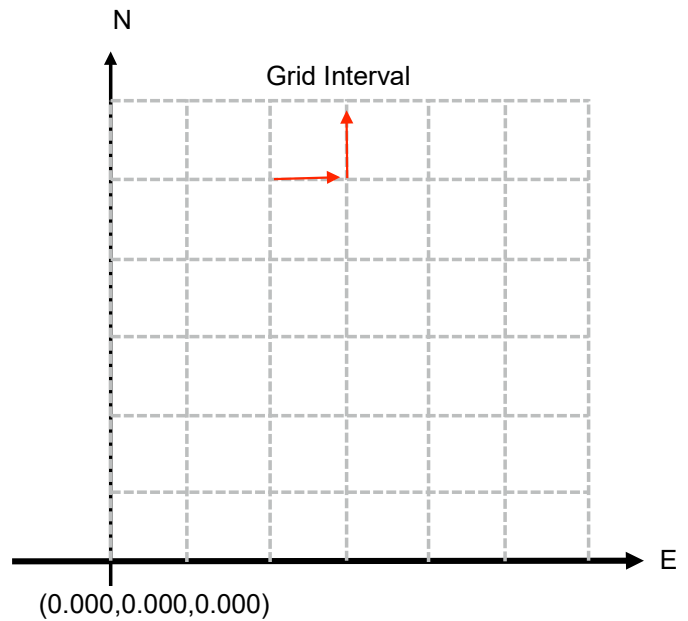


# Flat Plane Surface



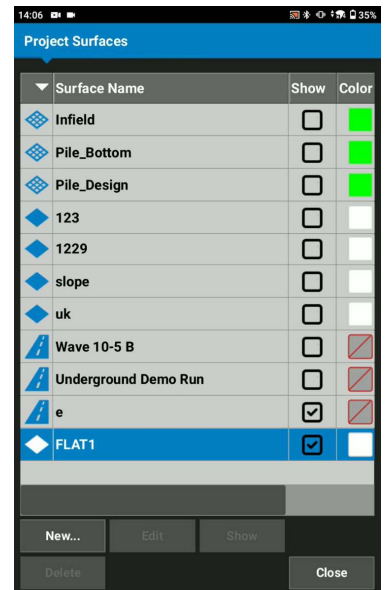
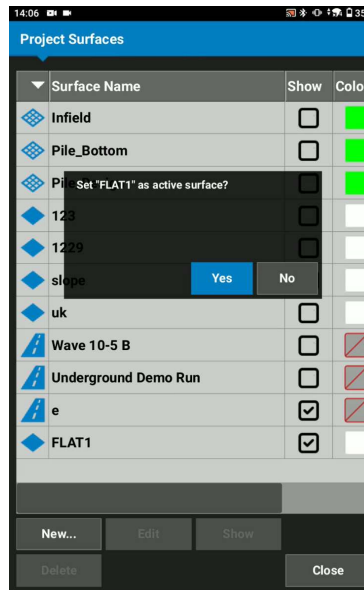
In order to create a new flat plane surface, define the reference height/coordinate for the flat plane surface

- Select Point of Interest of your bucket
- Select to take a Topo shot of your current bucket position for your flat plane
- Or Select to pick up a known point for your flat plane
- Input Grid Interval
- Select Finish



# Flat Plane Surface

- Select Yes, Set "xxxx" as active surface ?
- Select Close



## Flat Plane Surface

- Ensure your created surface becomes your Cut/Fill Elevation reference
- Move your bucket and follow Cut/Fill value

