FIRST Tech Challenge Scoring - Pit Map
Pit Map Feature

Introduction

• The pit map feature can help organize your event space layout; this feature is especially helpful for large events with 20+ teams.
• The pit map feature can be found on the “Event Dashboard” of a specific event in the system.
Event Dashboard

- The new “Pit Map” feature should appear as Step 6 on the specific event dashboard.
- Keep in mind this is an enhancement. This optional tool can help visualize the floor layout by adding team pits, fields and pit admin to your layout design.
Pit Map Editor Icons

• There are five “Cursor” icons:
  • Select/Group Move
  • Single Space
  • Fill Area
  • Single Grab and Move
  • Label
  • Trash/Delete
Pit Map Editor Icons

• There are seven “Cell Type” options:
  • Open: a large cell space. Use for the entire floor space, pit admin.
  • Boundary: black cell space. Use before “Open” to create an outline of different area.
  • Pit: Best used in 2x2 grid boxes for numbered rows of pits.
  • Field
  • Field (rotated)
  • Object
  • Label: Text
Pit Map Editor - Navigation

- There are multiple navigation options:
  - Undo and Redo
  - Shift Origin will allow you to move a cell or grouped cells North, East, South and West.
  - Zoom In and Out options.
Pit Map – Creating a Cell Type

• Start by selecting “Fill Area” icon to create a cell type (pit, field, etc.).

• In this example, we will build an entire pit area by first creating a “boundary”, followed by an “open” cell to build the overall floor plan layout.
Editing

• Use “Shift Origin” buttons to move the entire diagram.
• Use “Undo” buttons to go back to the last action.
Create the Pits

- Select the cursor “Fill Area” (compass) draw your pit area, then select the “Pit” cell type to populate the space with numbered pits.
- Note that another group of pits will start at the next consecutive number.
- Use the “Object” cell type to create a pit admin space or other spaces.
- Select a pit and the “Move” hand icon to move a pit.
Save the Pit Map

• Scroll to the bottom of the grid to Save.
• You can also Clear, Reset, Edit, and Preview.
Assign Teams to the Pits

**Step One**

- Scroll to the bottom of the grid to select the “Pit Assignment and Addressing”.
- Note: You need to “Add/Edit” teams in the “Event Dashboard” prior to this step.
Assign Teams to the Pits

**Step Two**

- Choose the “Pit Label” (Number, Address, Team) then “Auto-assign Pits”.
- Select the option that works best for your pit assignments.
- Hope you enjoy this new optional feature.