Can Modify With Circuits Flag

This is a proposal to add a flag to Shape containers that allows creators to reliably set the position of shapes on all platforms.

Goals

1. Creators can use Set Position and the Respawn chip to move shapes reliably on all platforms
2. Whatever we do now doesn't screw us in the future according to [REDACTED]
3. Don't confuse beginner creators with a weird setting they are tempted to monkey with
4. Solution doesn't cause perf to horribly degrade
5. We can allocate time to implement this in Q4/Q1

How It Works

We add a "Can Modify With Circuits" checkbox to the config menu on a shape container under a new "Advanced Settings" category. When you check this box, you can use Set Position/Respawn on shape containers.

Conversion Rules

All shape containers get this new setting set to false.

Details

- The default for this setting is "False", you need to manually opt in.
- If you have a shape container with this set to false and you try to use set position on it, you get a CV2 error.
  - The error says "[Set Position/Respawn] failed, check to make sure you have "Can Modify With Circuits" enabled in the config menu of the object you are attempting to move."
- This is the sole setting that is required in order to move a shape with set position. **Other settings don't influence this setting**.
  - Even if technically something is set to physical/grabbable, we don't batch it, it's possible that you could set its position. We could try to be clever here and automatically set it to the default that makes sense. I propose we don't do that! Keep it simple.
- We should add this additional info to the chip descriptions of both the CV2 Respawn chip and the Set Position Chip.
- The wording "Can Modify With Circuits" is supposed to be generic enough to where if we could recolor shape containers with the same flag we totally could!
- This setting is orthogonal to respawn settings. This does not need to be checked for automatic respawning to work. Automatic respawning is dictated downstream from other settings.
- [Test Cases Here](#)