// Tonight I kept experiencing the TAZ6 hitting the left front washer when going through the BL Touch calibration. I think this explains the issue with the nozzle dragging on the bed on a portion of the prints. Here are the steps I took to correct it.

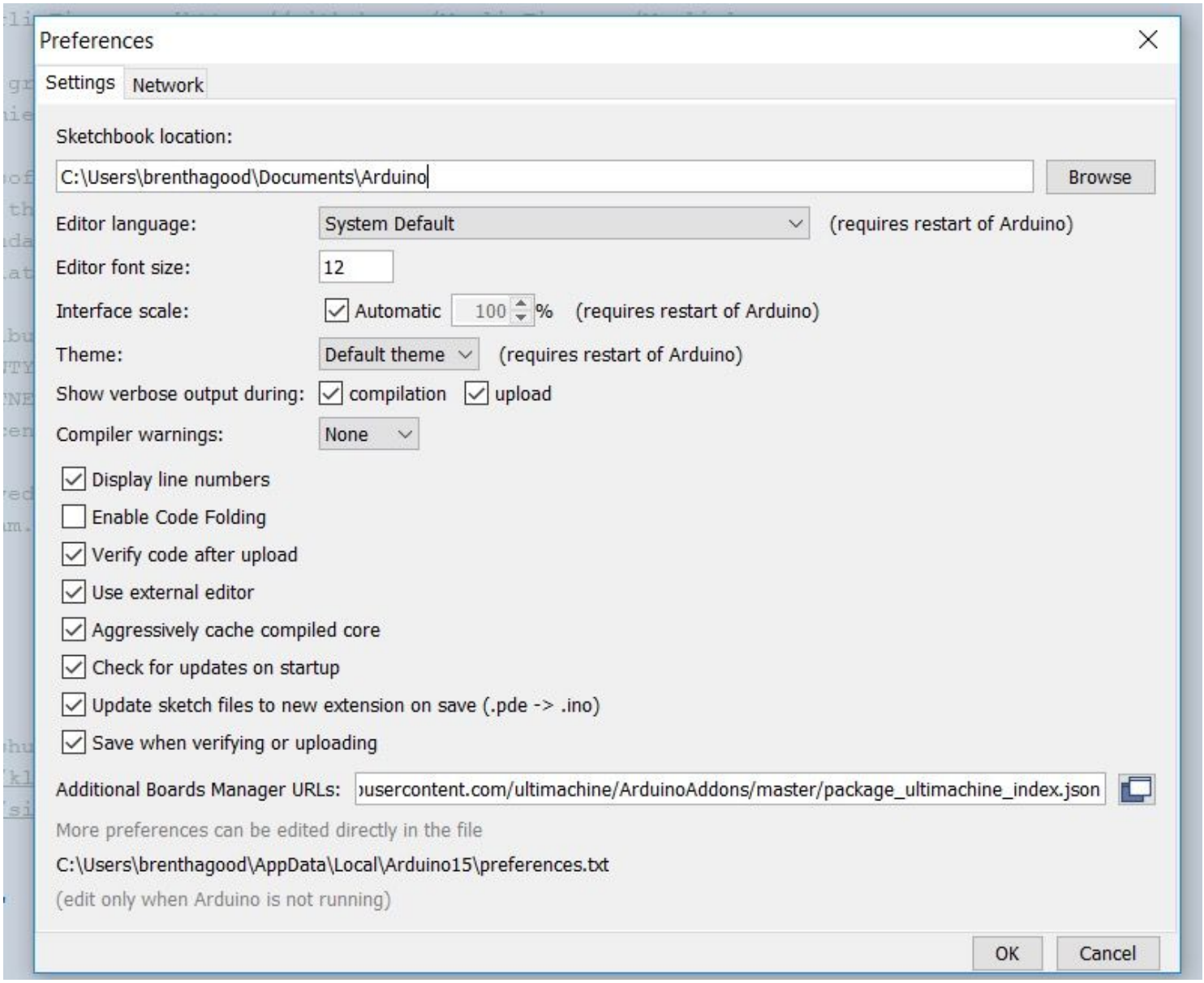
1. Opened Conditionals_LulzBot.h
2. At Line 446 changed 40 to 60

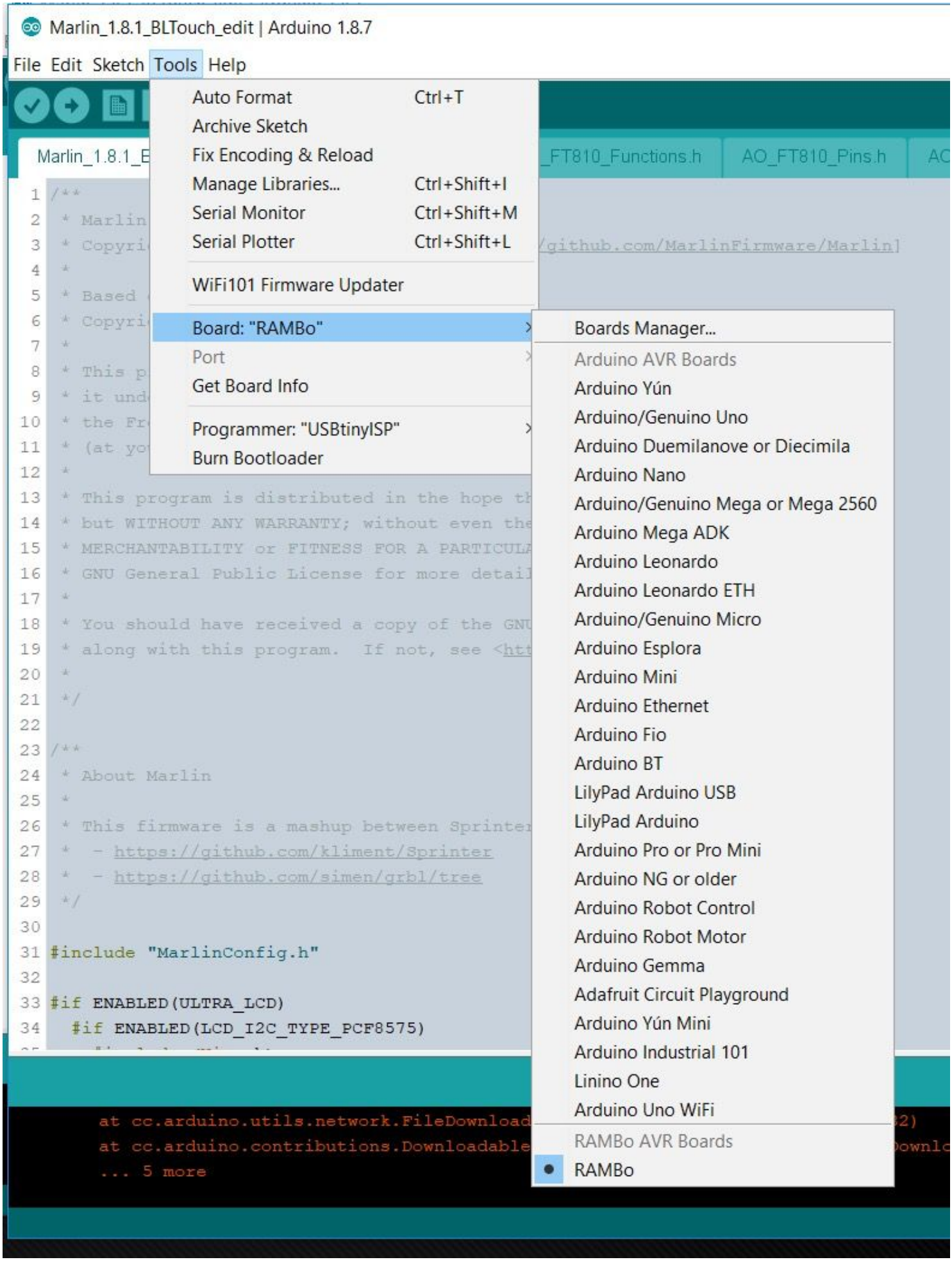
```
#elif defined(LULZBOT_USE_AUTOLEVELING) && defined(LULZBOT_TAZ_BED)   //BLTouch probe area
  #define LULZBOT_LEFT_PROBE_BED_POSITION      60  // Hitting Washer - Changed from 40 to 60
  #define LULZBOT_RIGHT_PROBE_BED_POSITION     300
  #define LULZBOT_BACK_PROBE_BED_POSITION      250
  #define LULZBOT_FRONT_PROBE_BED_POSITION      30
#endif
```

3. Saved File

1. Opened Arduino on Windows 10 Parallels Machine
2. Make sure preferences in Arduino are set up to “use external editor” (see settings screenshot below)
3. Add *https://raw.githubusercontent.com/ultimachine/ArduinoAddons/master/package_ultimachine_index.json* to “Additional Boards Manager URL” and after saving, goto Tools-> Boards-> Board Manager and search/install Rambo & save. Rambo boards should now show under boards.
4. Set Board to **RAMBo** and the programmer is set to **USBtinyISP** (see screenshot)
5. Open File and navigate to “Marlin_1.8.1_BLTouch_edit.ino” in your Main program firmware folder

// I opened the entire folder as a project folder in VS code so I could edit the code in a nice programmer, and then when ready, connect a USB cable from the WIN10 machine to the TAZ 6 and upload like you would for any other Arduino board. Once in a while I get a fail on verify. If I run it again, it works ok.


Preferences
Settings
Network
Sketchbook location:
C:\Users\brenthagood\Documents\Arduino
Browse
Editor language:
System Default
(requires restart of Arduino)
Editor font size:
12
Interface scale:
Automatic
100
%
(requires restart of Arduino)
Theme:
Default theme
(requires restart of Arduino)
Show verbose output during:
compilation
upload
Compiler warnings:
None
Display line numbers
Enable Code Folding
Verify code after upload
Use external editor
Aggressively cache compiled core
Check for updates on startup
Update sketch files to new extension on save (.pde -> .ino)
Save when verifying or uploading
Additional Boards Manager URLs:
usercontent.com/ultimachine/ArduinoAddons/master/package_ultimachine_index.json
More preferences can be edited directly in the file
C:\Users\brenthagood\AppData\Local\Arduino15\preferences.txt
(edit only when Arduino is not running)
OK
Cancel


Marlin_1.8.1_BLTouch_edit | Arduino 1.8.7
File Edit Sketch Tools Help
Auto Format Ctrl+T
Archive Sketch
Fix Encoding & Reload
Manage Libraries... Ctrl+Shift+I
Serial Monitor Ctrl+Shift+M
Serial Plotter Ctrl+Shift+L
WiFi101 Firmware Updater
Board: "RAMBo"
Port
Get Board Info
Programmer: "USBtinyISP"
Burn Bootloader
Boards Manager...
Arduino AVR Boards
Arduino Yún
Arduino/Genuino Uno
Arduino Duemilanove or Diecimila
Arduino Nano
Arduino/Genuino Mega or Mega 2560
Arduino Mega ADK
Arduino Leonardo
Arduino Leonardo ETH
Arduino/Genuino Micro
Arduino Esplora
Arduino Mini
Arduino Ethernet
Arduino Fio
Arduino BT
LilyPad Arduino USB
LilyPad Arduino
Arduino Pro or Pro Mini
Arduino NG or older
Arduino Robot Control
Arduino Robot Motor
Arduino Gemma
Adafruit Circuit Playground
Arduino Yún Mini
Arduino Industrial 101
Linino One
Arduino Uno WiFi
RAMBo AVR Boards
RAMBo
Marlin_1.8.1_E
_FT810_Functions.h
AO_FT810_Pins.h
/github.com/MarlinFirmware/Marlin]
/**
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* GNU General Public License for more detail
* You should have received a copy of the GNU
* along with this program. If not, see <htt
*/
/**
* About Marlin
* This firmware is a mashup between Sprinter
* - https://github.com/kliment/Sprinter
* - https://github.com/simen/grbl/tree
*/
#include "MarlinConfig.h"
#if ENABLED(ULTRA_LCD)
#if ENABLED(LCD_I2C_TYPE_PCF8575)
at cc.arduino.utils.network.FileDownload
at cc.arduino.contributions.Downloadable
... 5 more