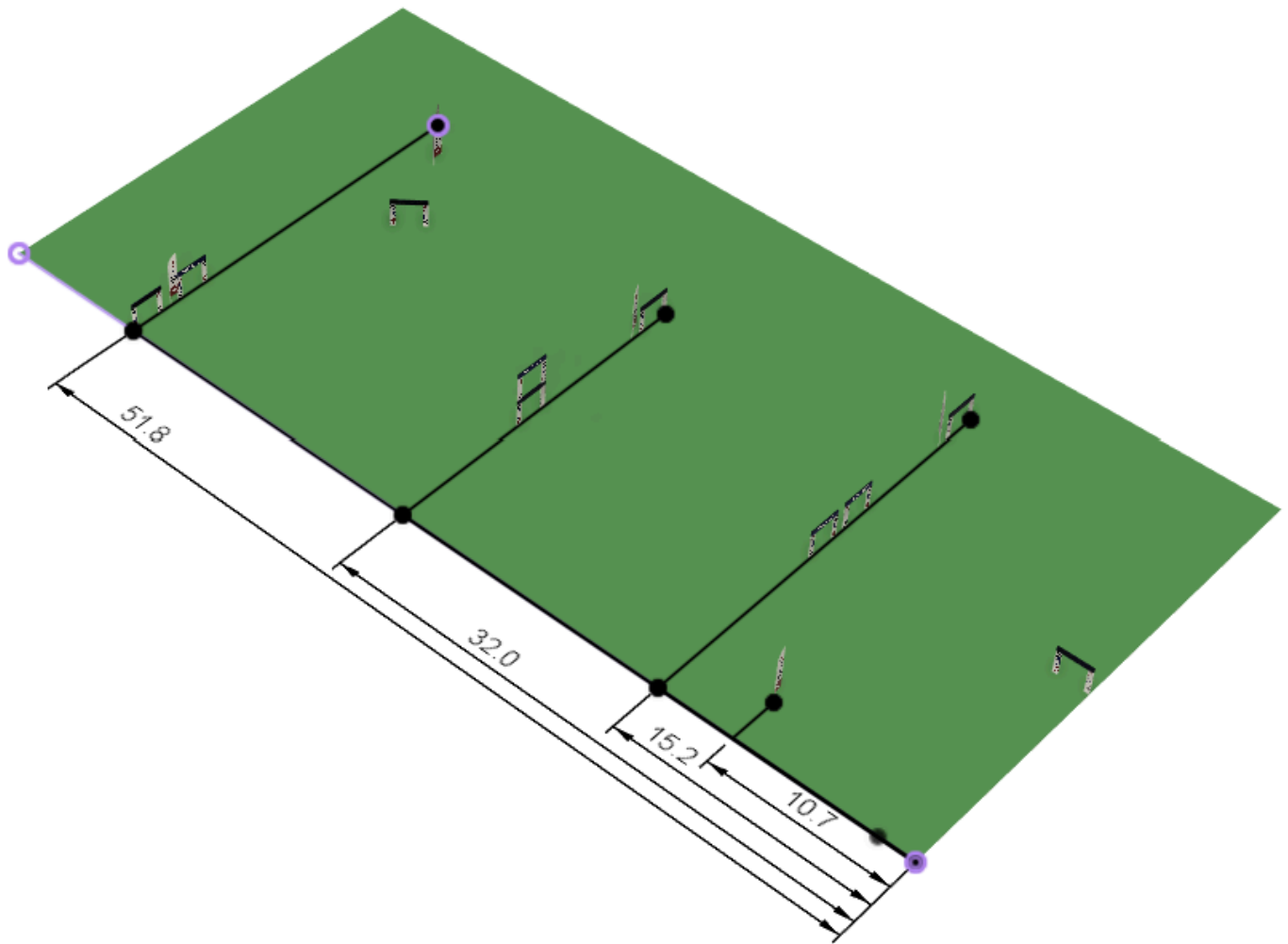


Welcome back again to Mark's "Fun With Triangles" as we set up the 2025 Spring GQ! It's time to get your tape measures, stakes, and friends out of hibernation and start measuring! You will need a minimum of 1 60m tape measure and 1 30m tape measure.

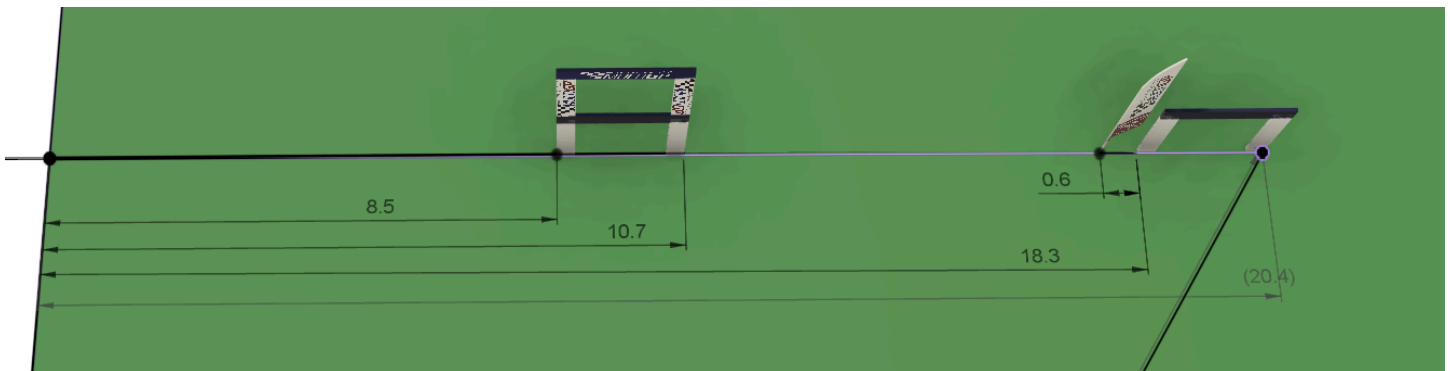
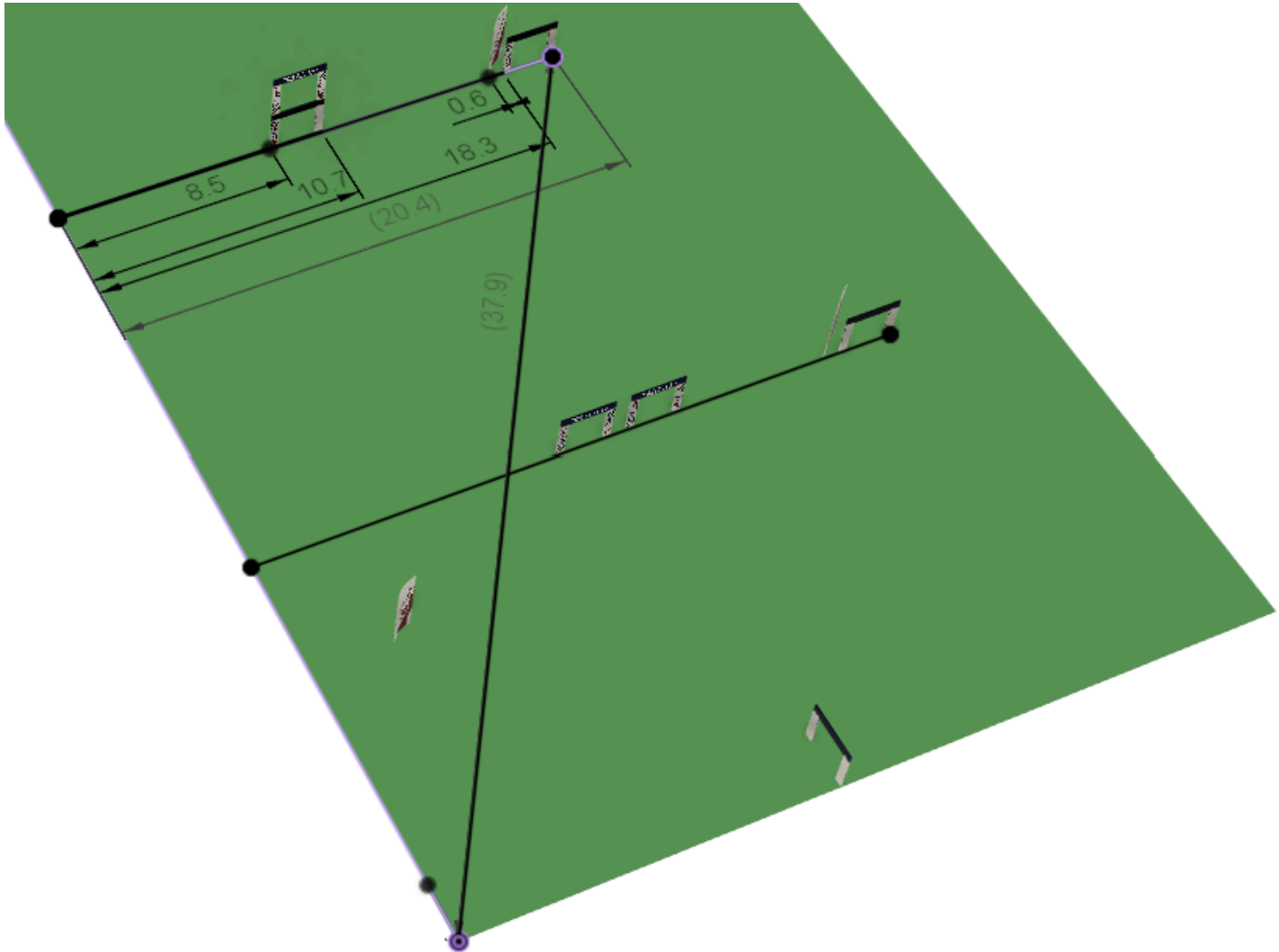
Step 1

The first step is to get your base line set. Try to lay this line as straight as possible. Place a rebar at your zero mark and extend the tape 51.8m and place a gate rebar. Now along this line lay down measuring markers (rebar or soccer cones) at the following measurements along this tape, 10.7m, 15.2m, 32m, 51.8m.



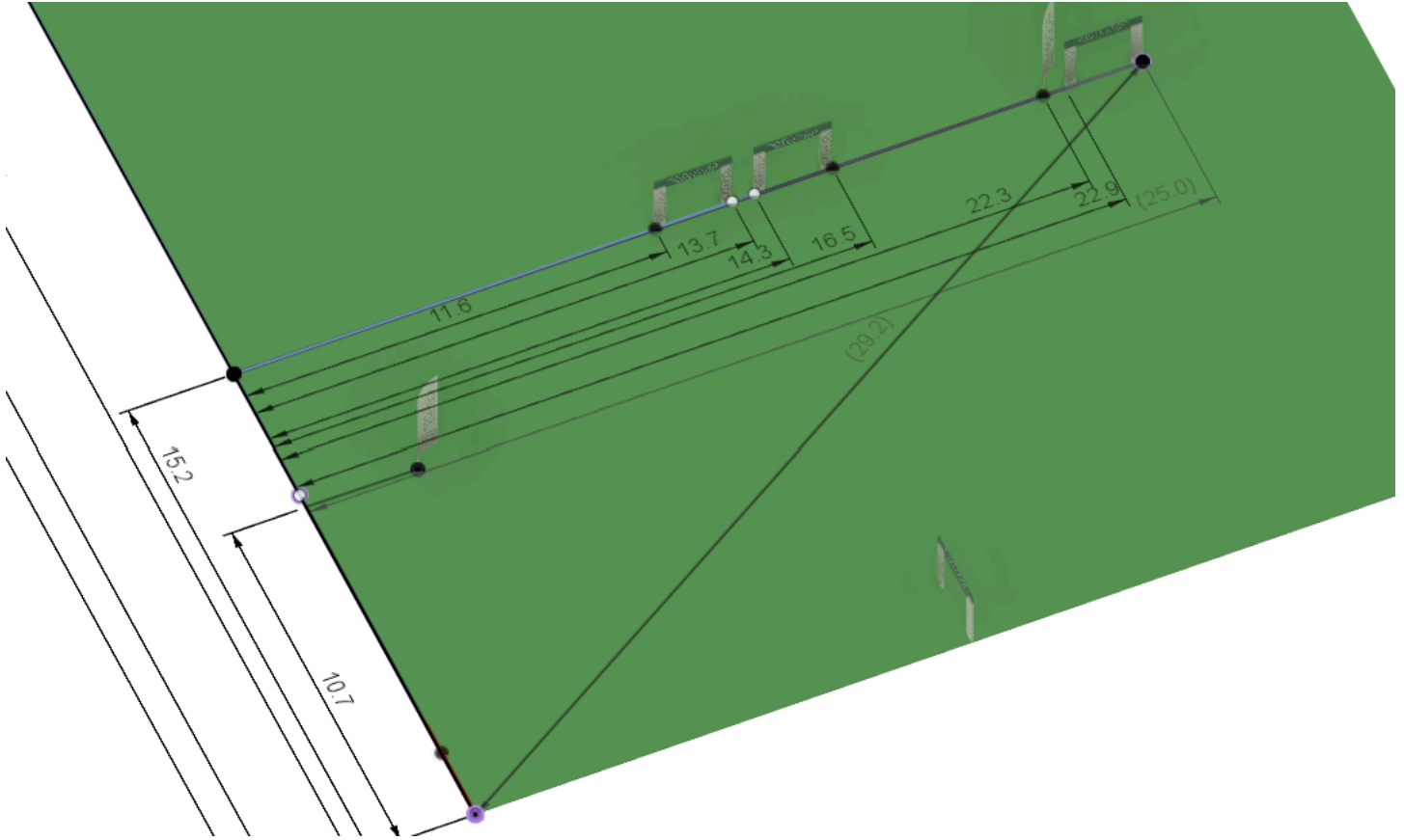
Step 2.

Start pulling up the tape from the 51.8m gate rebar and walk back to the zero until you reach the 32m marker. Now walk 90 degrees out from the base line 20.4m. The tape measure would show 32+20.4 which would be 52.4m if you are using the same tape measure. Now grab another tape measure and go back to the zero. Walk out 37.9m to meet the other tape measure, place a gate rebar. Place rebar for the double gate at 8.5m and 10.7m. Place a flag at 17.7m, **or you may mount the flag on the gate**. Place the rebar for the other leg of the gate at 18.3m.



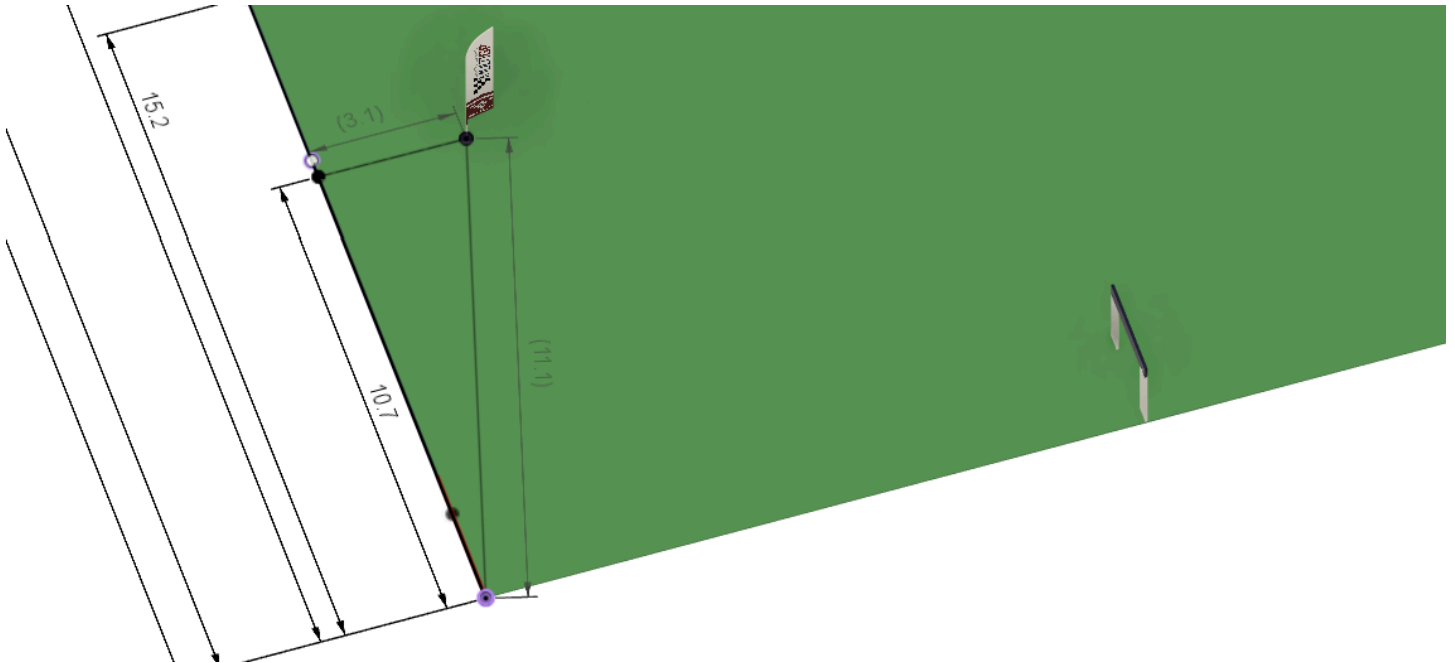
Step 3.

Continue to pull on the tape on the baseline down to the 15.2m mark and walk out perpendicular 25m (the tape measure would show $15.2+25=40.2\text{m}$). Use the other tape from the zero mark and walk out 29.2m to meet the other tape. Place a gate rebar here. On the line from the 15.2m mark place gate rebar at 11.6m, 13.7m, 14.3m, 16.5m and 22.9m. You can place a flag at 22.3m, **OR you can place the flag on top of the corner of the gate.**



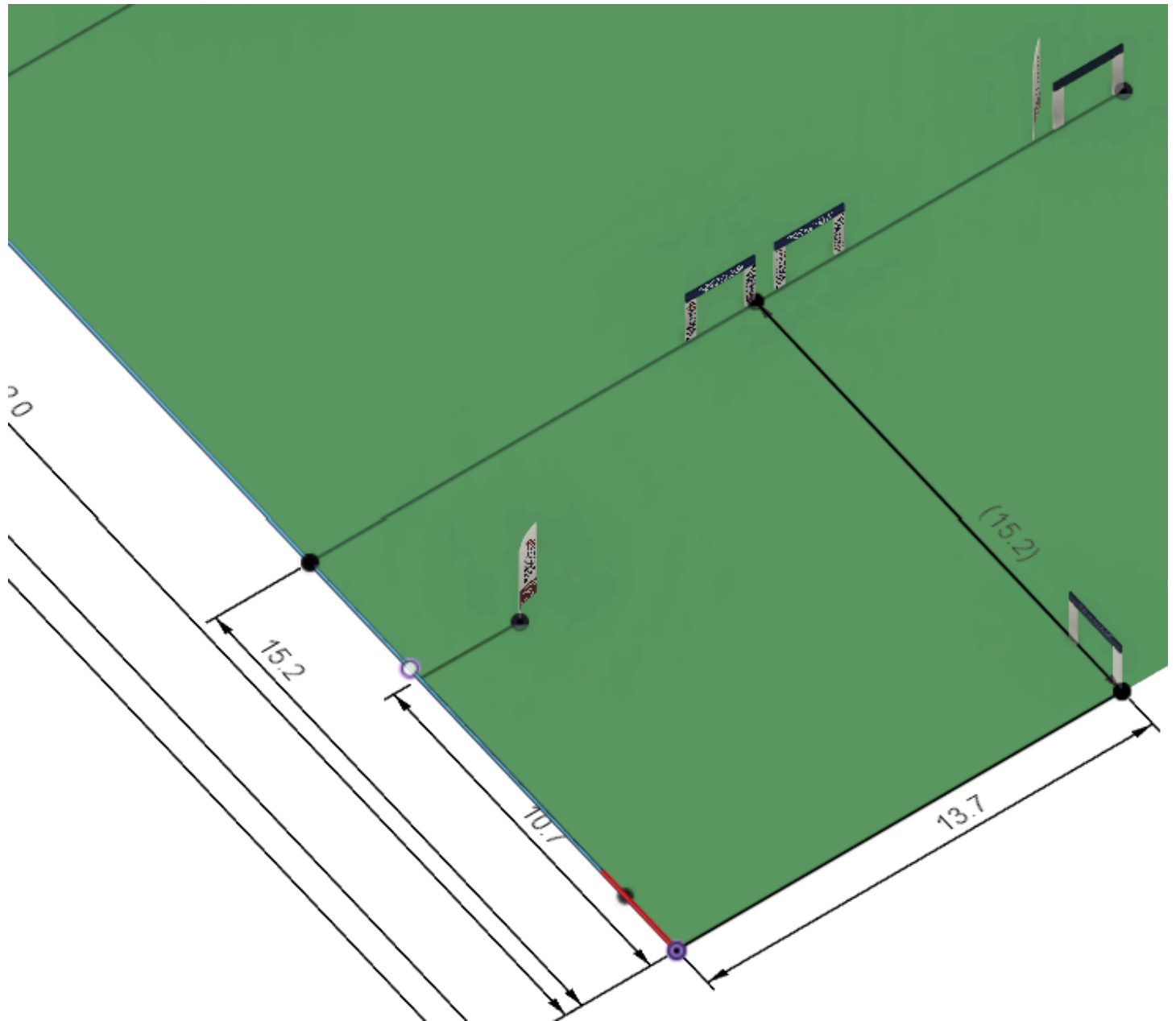
Step 4.

This is an easy one! Go to the 10.7m marker you laid down in step 1, and then walk out 3.1m. Take the second tape and go from the zero mark and walk out 11.1m. Where these meet, insert your favorite flag!



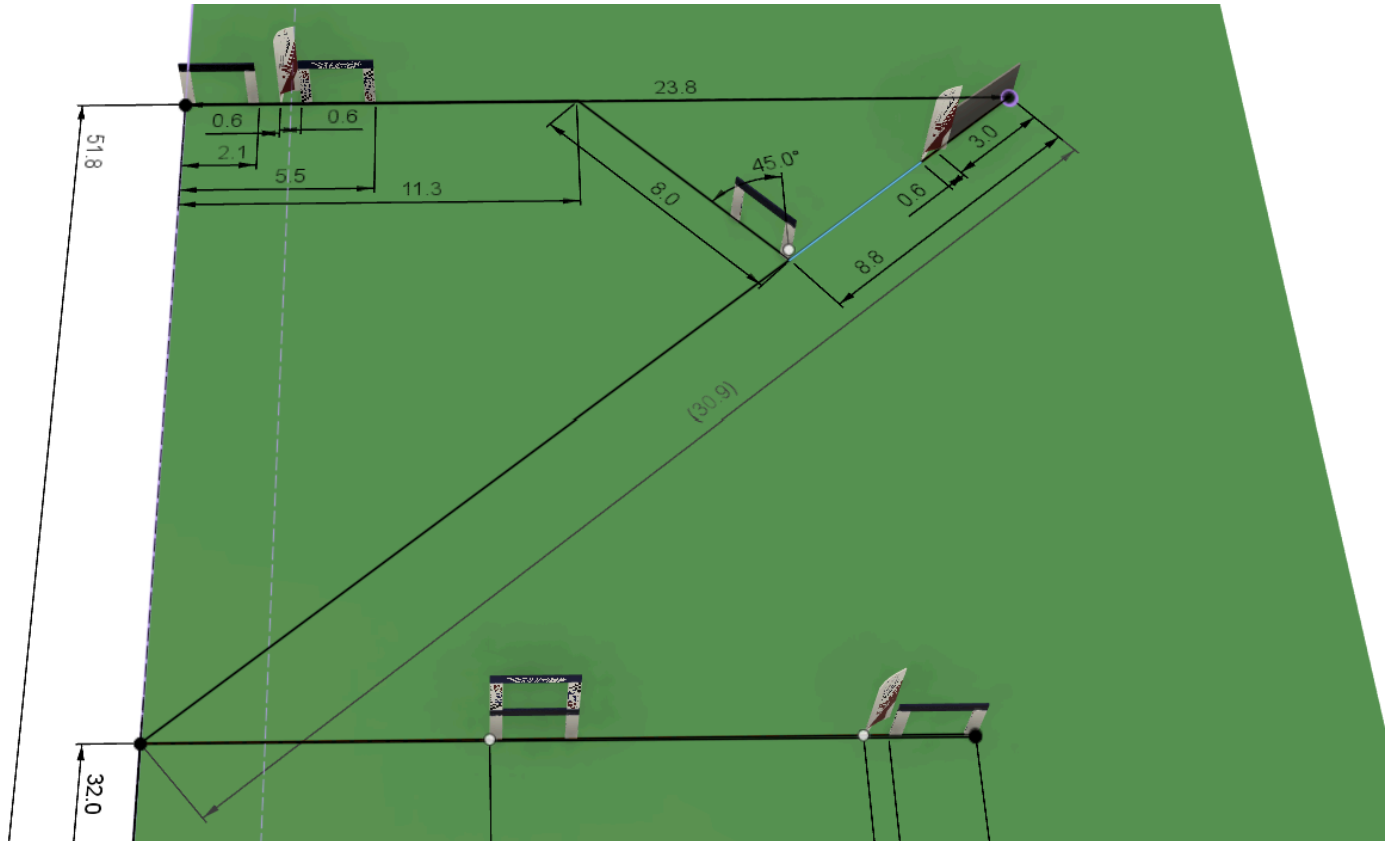
Step 5.

This one is a little tricky! Take tape measure from the zero and walk out 13.7m for the start gate. Take your other tape measure and go to the 15.2m line in step 3. Go to the 13.7m rebar, the second one from the line we are measuring everything from, and start walking 15.2m to meet the other tape measure. Where these 2 meet, place a gate rebar. You can now square the gate on this line to place the second rebar for the other leg.



Step 6

Last step! Pick up both your tapes, and grab 8 rebar, 1 marker cone and 2 flag stakes. With one tape measure go to the 32m mark from step one and start walking out 30.9m. Take another tape measure and go to the 51.8m rebar. Walk out 23.8m to meet the 30.9m tape measure and place a hurdle rebar. Now, on the 30.9m line place a rebar at 22.1m, flag rebar at 27.3m, and hurdle rebar at 27.9m. **You can NOT mount the flag on the hurdle, it must be separate.** On the 23.8m line place a gate rebar at 2.1m, flag stake at 2.7m, gate rebar at 3.3m, gate rebar at 5.5m, and a marker at 11.3m. Now draw a line from the 11.3m marker of the 23.8m line and the 18.5m marker on the 30.9m line, this creates the angle line to place the angled gate. Place a gate rebar 2.1m feet from the 30.9m line for the second gate leg.



You are now done! Time to verify the track and submit those measurements on multigp.com.

