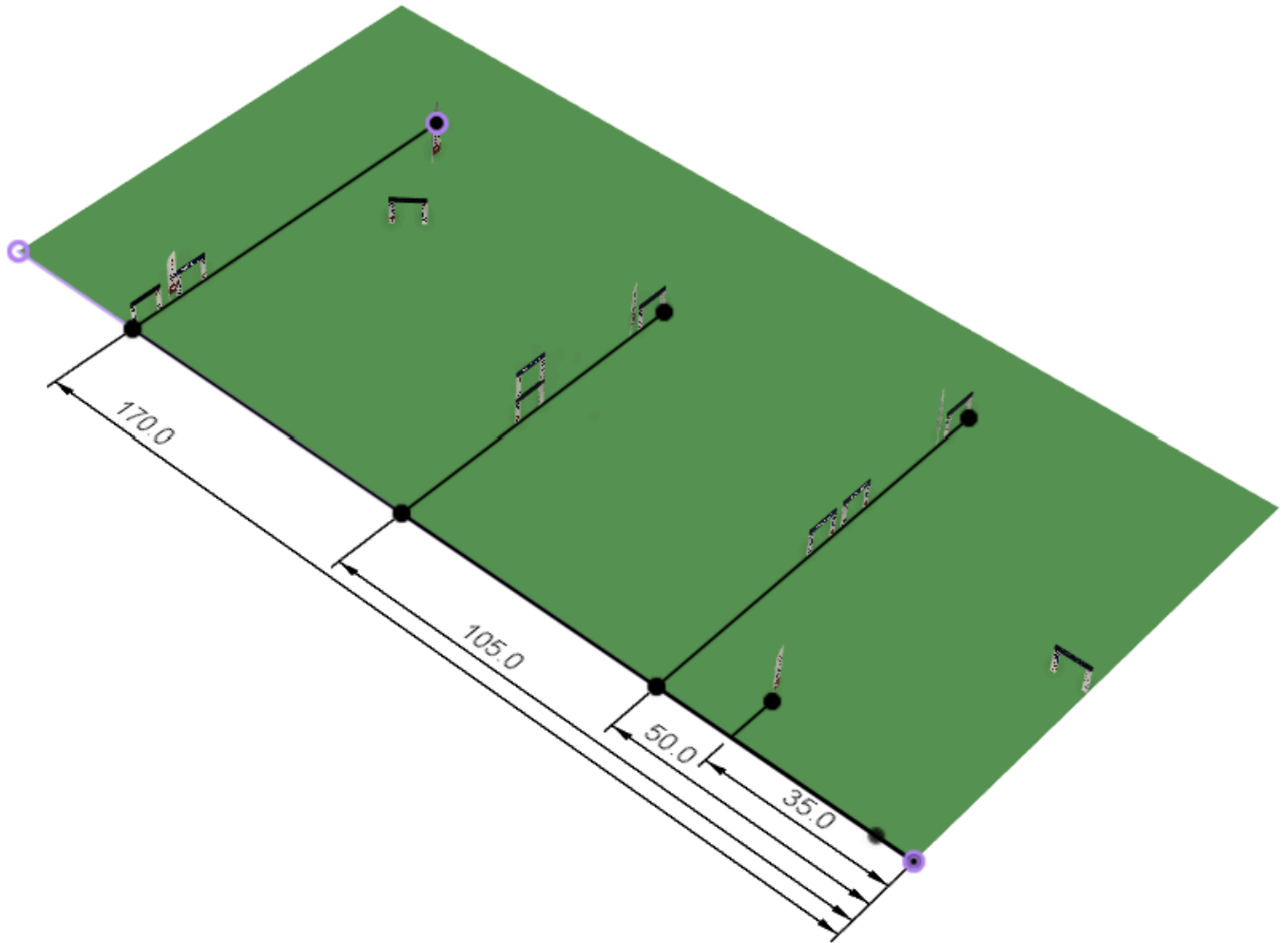


Welcome back again to Mark's "Fun With Triangles" as we set up the 2025 Spring GQ! It's time to get your tape measures, stakes, and friends out of hibernation and start measuring! You will need a minimum of 1 200ft tape measure and 1 100ft tape measure.

Step 1

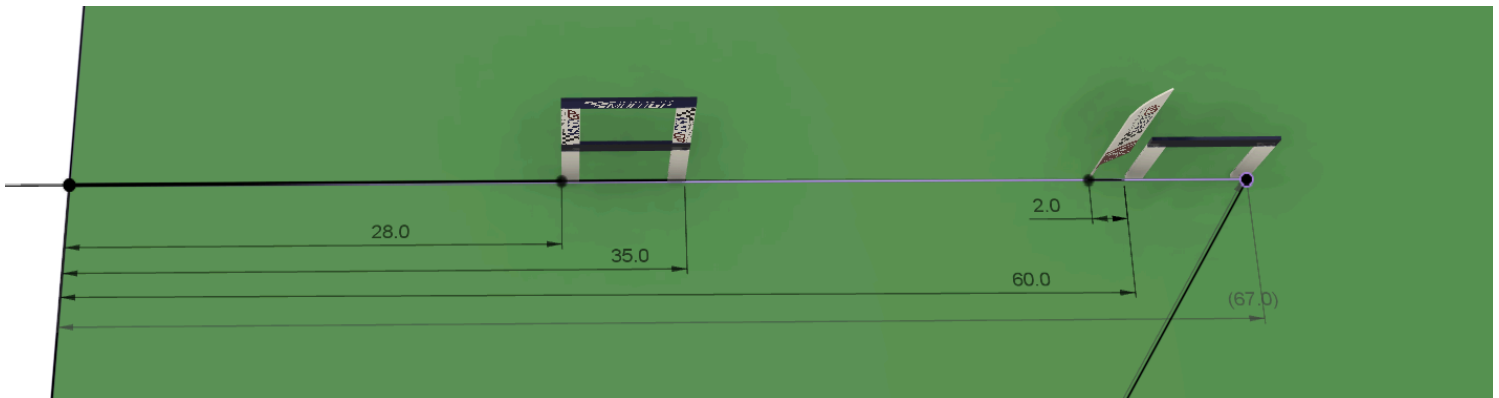
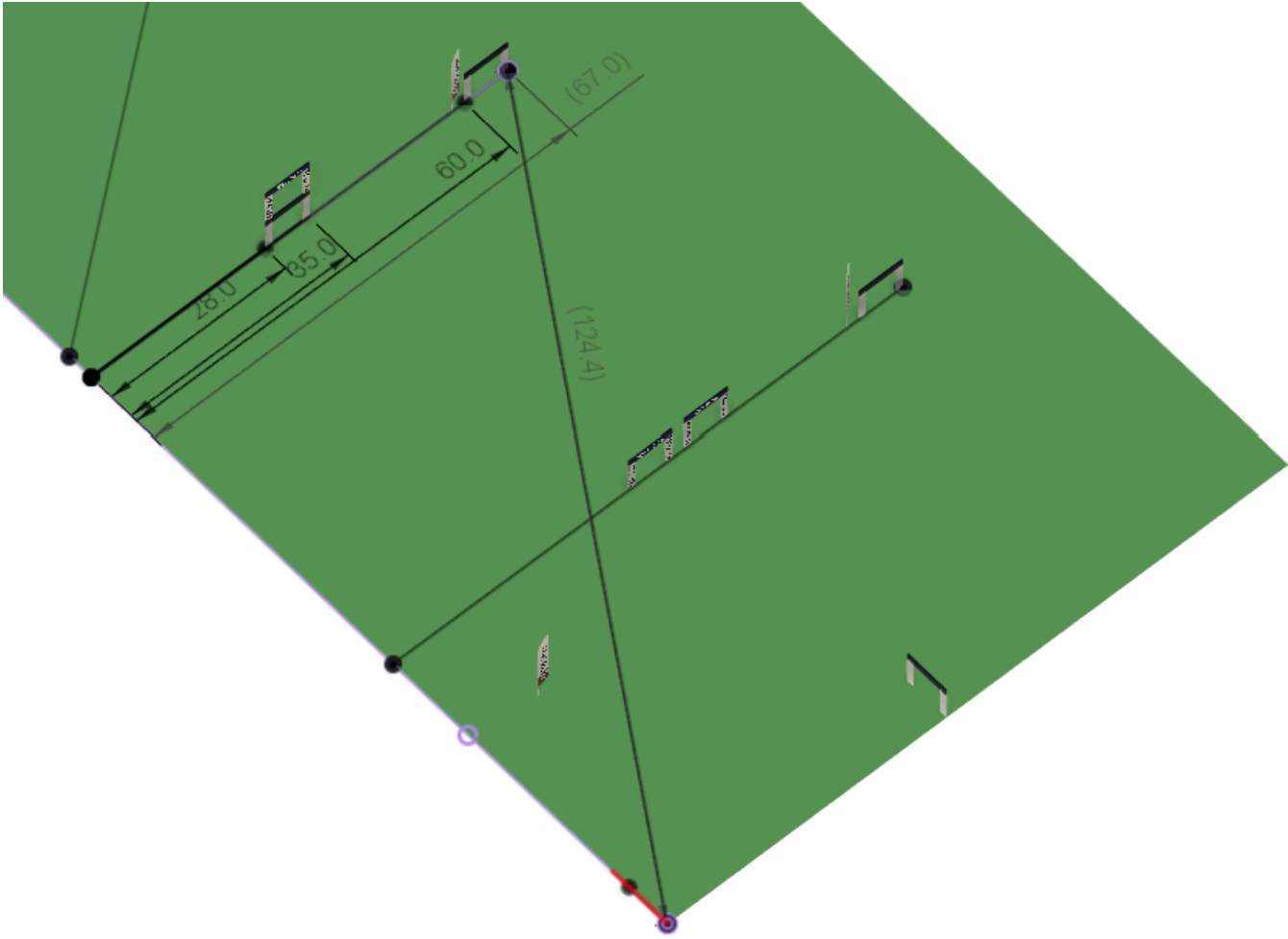
The first step is to get your base line set. Try to lay this line as straight as possible. Place a rebar at your zero mark and extend the tape 170 ft and place a gate rebar. Now along this line lay down measuring markers (rebar or soccer cones) at the following measurements along this tape.

35 ft, 50ft, 105ft,170ft



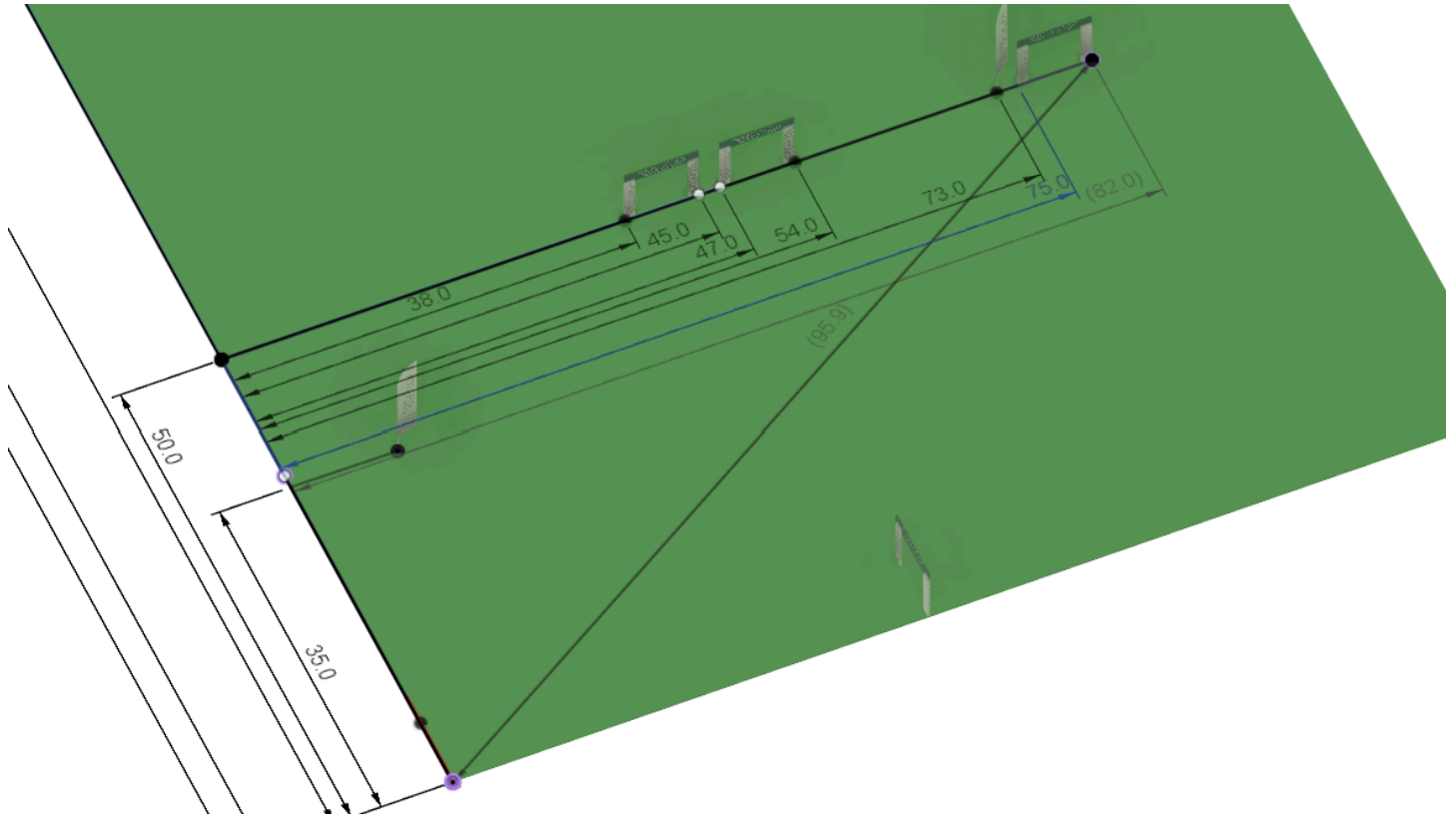
Step 2.

Start pulling up the tape from the 170ft gate rebar and walk back to the zero until you reach the 105ft marker. Now walk 90 degrees out from the base line 67 feet. The tape measure would show 67+105 which would be 172ft if you are using the same tape measure. Now grab another tape measure and go back to the zero. Walk out 124.4ft to meet the other tape measure, place a gate rebar. Place rebar for the double gate at 28ft and 35 ft. Place a flag at 58 ft, **or you may mount the flag on the gate**. Place the rebar for the other leg of the gate at 60 feet.



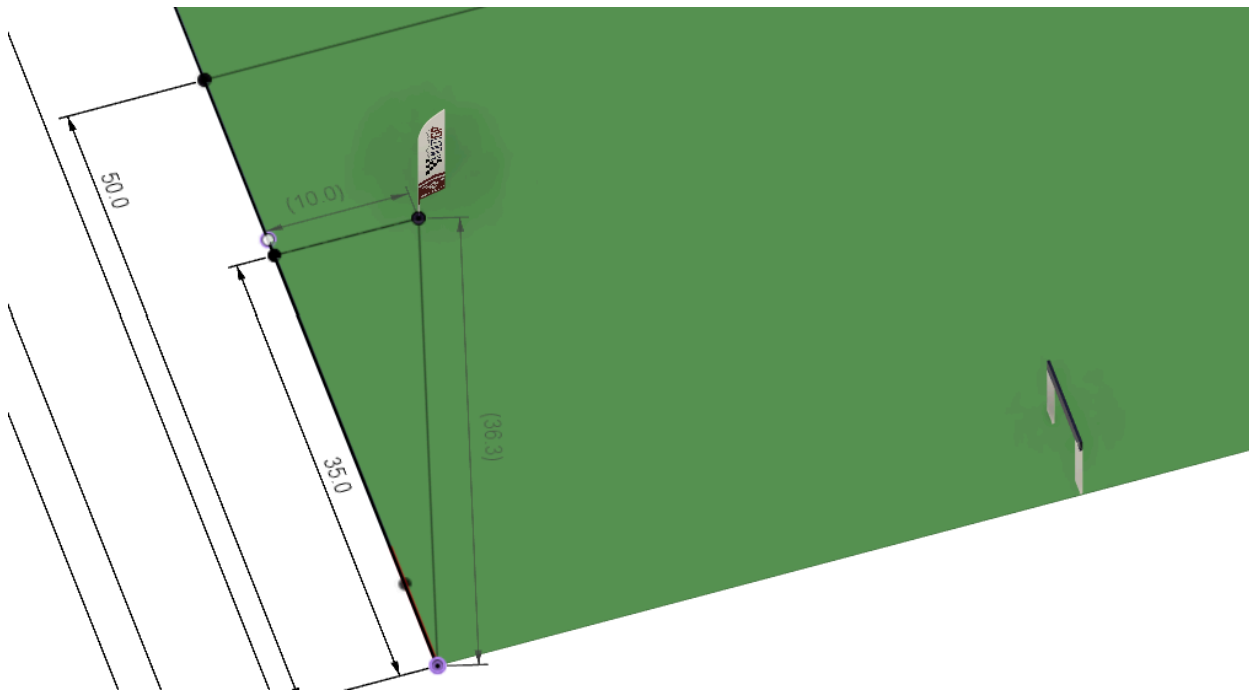
Step 3.

Continue to pull on the tape on the baseline down to the 50ft mark and walk out perpendicular 82ft (the tape measure would show $50+82=132$ ft). Use the other tape from the zero mark and walk out 95.9ft to meet the other tape. Place a gate rebar here. On the line from the 50 foot mark place gate rebar at 38ft, 45ft, 47ft, 54ft and 75 feet. You can place a flag at 73ft, **OR you can place the flag on top of the corner of the gate.**



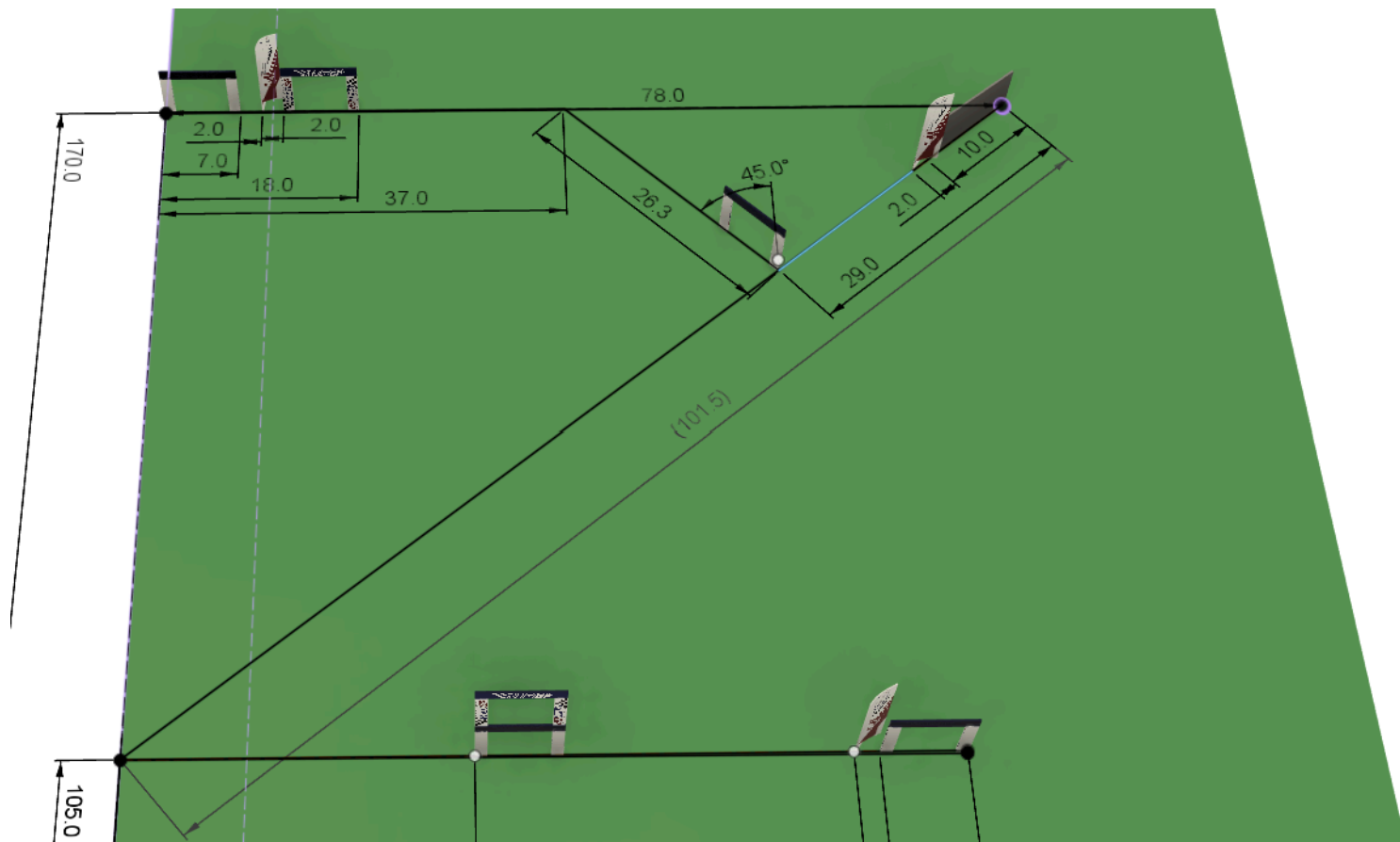
Step 4.

This is an easy one! Go to the 35 ft marker you laid down in step 1, and then walk out 10 ft. Take the second tape and go from the zero mark and walk out 36.3ft. Where these meet, insert your favorite flag!



Step 6

Oh yeah! This is the fun part. Pick up both your tapes, and grab 8 rebar, 1 marker cone and 2 flag stakes. With one tape measure go to the 105ft mark from step one and start walking out 101.5 feet. Take another tape measure and go to the 170ft rebar. Walk out 78 feet to meet the 101.5 tape measure and place a hurdle rebar. Now, on the 101.5 line place a rebar at 72.5ft, flag rebar at 89.5ft, and hurdle rebar at 91.5ft. **You can NOT mount the flag on the hurdle, it must be separate.** On the 78 ft line place a gate rebar at 7ft, flag stake at 9ft, gate rebar at 11ft, gate rebar at 18ft, and a marker at 37 ft. Now draw a line from the 37ft marker of the 78ft line and the 89.5ft marker on the 101.5 line, this creates the angle line to place the angled gate. Place a gate rebar 7 feet from the 101.5 line.



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

