

# MEASURING & LINE MARKING AN AFL OVAL



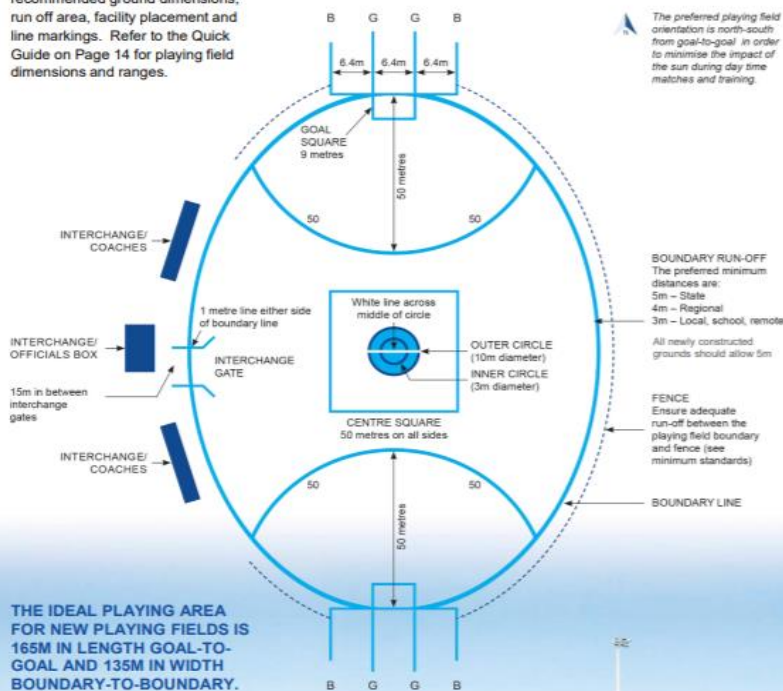
## WHAT YOU WILL NEED

- 2 x 50 metre tape measures
- 4 x tent pegs or screwdrivers to hold the tapes and string lines in place
- 165 metre length string line
- Trundle wheel or a method to measure 4 metres off the fence for the boundary line
- Can of spot marking paint
- Line marking machine and paint

## 2. PLAYING FIELDS

### 2.3 Size and Line Marking

This illustration outlines the recommended ground dimensions, run off area, facility placement and line markings. Refer to the Quick Guide on Page 14 for playing field dimensions and ranges.



**THE IDEAL PLAYING AREA FOR NEW PLAYING FIELDS IS 165M IN LENGTH GOAL-TO-GOAL AND 135M IN WIDTH BOUNDARY-TO-BOUNDARY.**



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## THE PROCESS

1. Run a stringline from the middle of the goal line at one end to the middle at the other end.
2. Using a 50 metre tape measure or a 50 metre length of rope, anchor it on the goal line at your string line and walk along the string line until you reach the 50m measurement and mark a spot at the string line. This is the top of your 50-metre arc.
3. From there, walk in an arc with your tape or rope spot marking every few metres where 50m measures from the goal line. This will give you your arc.
4. Do the same at the other end of the ground.
5. Measure the distance along the stringline between the two 50 arcs.
6. Divide that number in half and that measurement will give you your centre. Spot mark the centre on the string line.
7. With your tape on your centre mark, measure out 5 metres and walk in the tapes arc and spot mark every couple of metres to dot out the outer centre circle.
8. With your tape on your centre mark, measure out 1.5 metres and walk in the tapes arc and spot mark every couple of metres to dot out the inner centre circle.
9. With your tape on your centre mark, measure 3 metres along the stringline and put a spot mark. We need to find the line that runs across the circle.
10. Keeping your tape on your centre mark, place a second tape measure on the mark 3 metres from centre.
11. With the centre tape, walk towards the wing away from the centre 4 metres, and then diagonally 5m from the 3m mark on the stringline to where those two measurements cross. Spot mark that point, then do the same for the other side of the stringline to form 2 points to guide you for the centre line.
12. Centre square. From the centre of the field, walk the tape and mark on the stringline at the 25m measurement.
13. With a second tape, anchor it at the 25m mark just marked.
14. With the second tape walking 25 metres towards the corner of where the square will be, and with the tape in the centre of the field, walk diagonally to cross the second tape. The diagonal tape should measure 35.35 metres where it crosses the second tape measuring 25 metres. This is the corner of your square. Repeat this for each corner.
15. Goal squares. You can either do these using the same method of 3-4-5 (same as finding the centre line in the centre circle) to get them square. If using this method, make sure the goal posts have been installed properly and they are square, otherwise the fullback might feel like he is kicking towards the carpark. Or you can measure 9 metres from the goal post and place an object there and walk back behind the goal and line up your object, so it falls in line with the 2 posts looking up the ground. Spot mark each corner.
16. Boundary line. If you have a fence measure a minimum of 4 metres off it. Spot mark every 10 metres around the ground to guide you for when you are ready to mark.
17. Interchange gates: White paint is ok to use for the interchange gates for Community Football (see over)
18. Once everything is spot marked, it is just a matter of following the spot marks. Use the stringline to get your centre square and goal lines straight.

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## Interchange Gates

