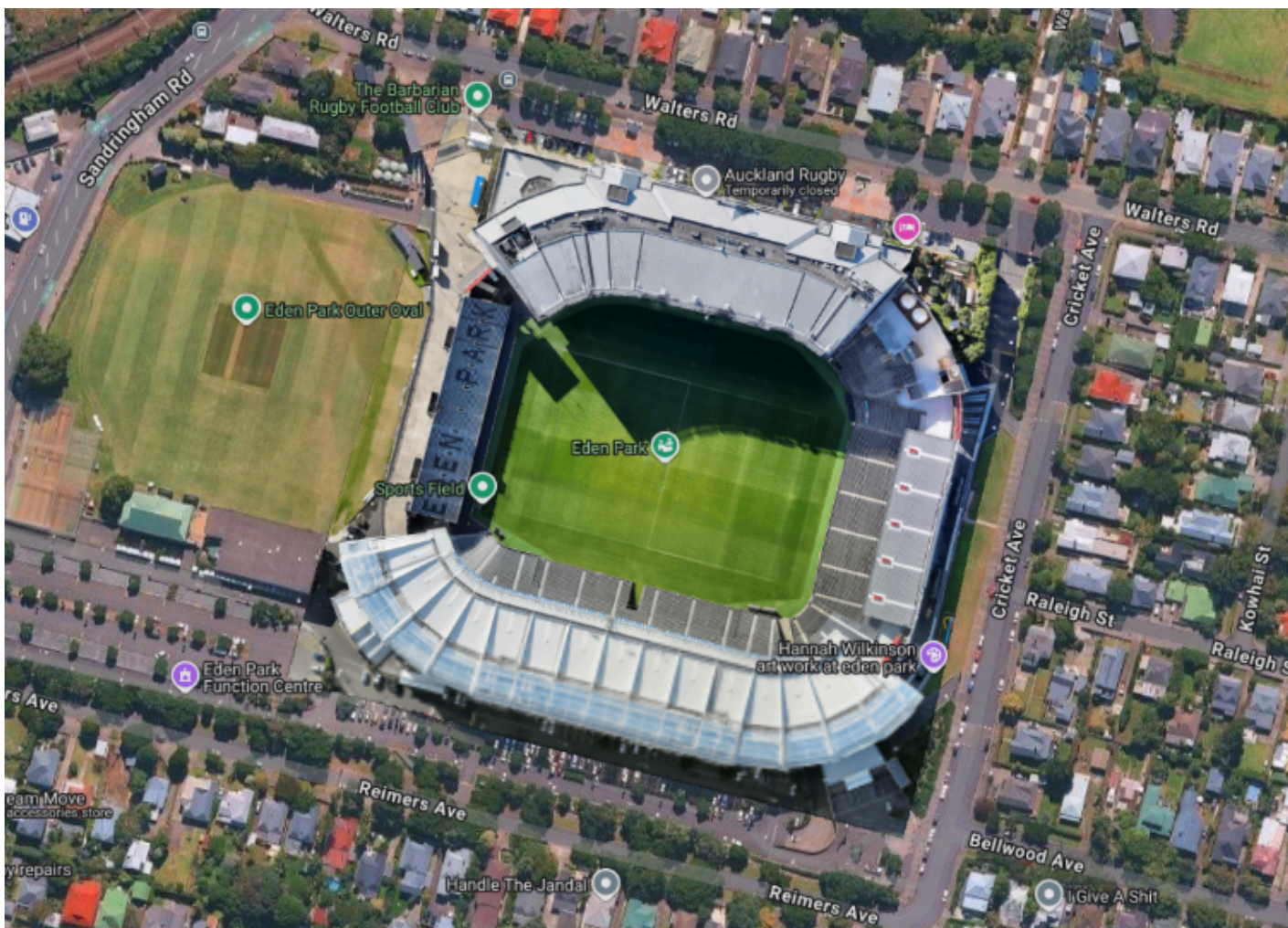


Eden Park

# Eden Park Pitch Report

2026-06-10 13:36

Generated by "Eden Park-Eden Park Football Field measurements-Cody Stevens"



# Measurement Overview

## Basic Measurement of Polygon

No.	Measurement Name	Horizontally projected area (m <sup>2</sup> )	Spatial Area (m <sup>2</sup> )	Horizontally projected perimeter (m)	Spatial perimeter (m)	Altitude Difference of Points (m)
1	Pitch Area	7140.28	7140.44	346.10	346.15	0.09

## Triangulation Measurement

No.	Measurement Name	Horizontally Projected Perimeter (m)	Spatial Perimeter (m)	Maximum Altitude Difference (m)
2	Pitch length	105.00	105.00	0.01
6	Pitch Width	67.95	67.95	0.07
8	Half Pitch Slope West	52.49	52.50	0.33

## Gradient Calculation

No.	Measurement Name	Segment S to E	Max Gradient	Min Gradient
3	Half Pitch Gradient West	0.4°	0.4°	0.4°
4	Half Pitch Gradient East	0.4°	0.4°	0.4°
5	Full Pitch Gradient	0.0°	0.0°	0.0°
7	Pitch Gradient North	0.5°	0.5°	0.5°

# Measurement Details

## □ 1: Pitch Area



### Basic Measurement of Polygon

Horizontally projected area (m <sup>2</sup> )	7140.28
---	---------

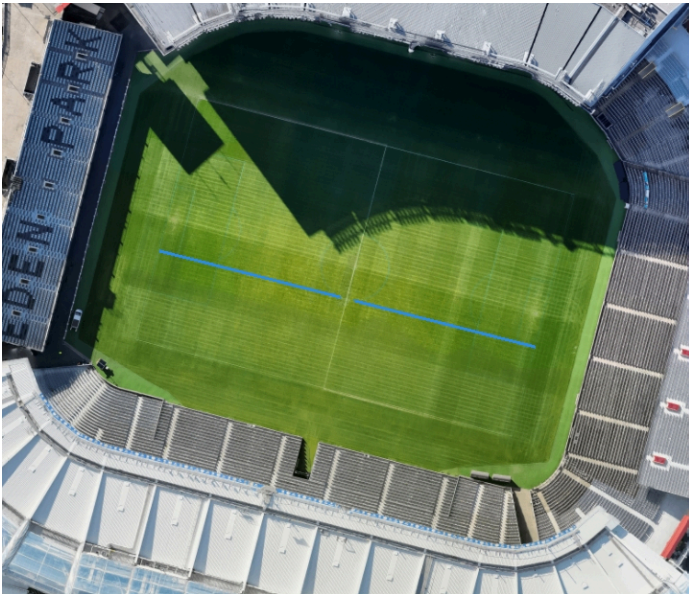
Spatial Area (m <sup>2</sup> )	7140.44
--------------------------------	---------

Horizontally projected perimeter (m)	346.10
--------------------------------------	--------

Spatial perimeter (m)	346.15
-----------------------	--------

Altitude Difference of Points (m)	0.09
-----------------------------------	------

## ↘ 2: Pitch length



### Triangulation Measurement

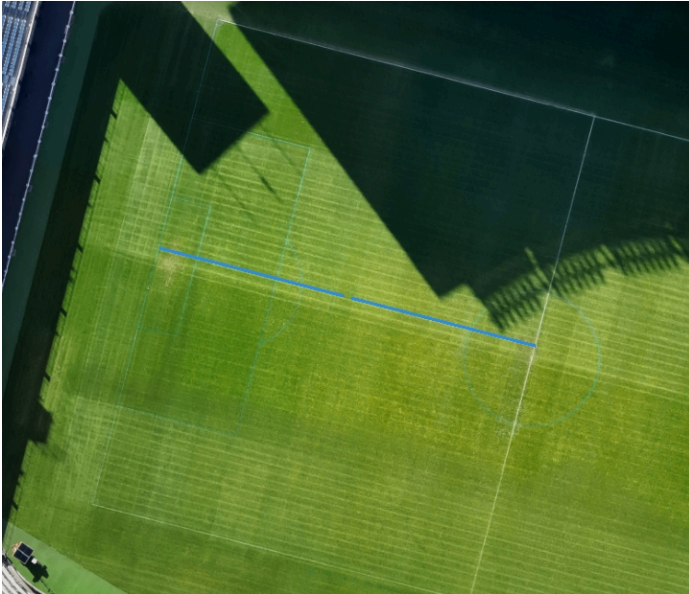
Model to Be Calculated	20260520-Field map(1) -
------------------------	-------------------------

Horizontally Projected Perimeter (m)	105.00
--------------------------------------	--------

Spatial Perimeter (m)	105.00
-----------------------	--------

Maximum Altitude Difference (m)	0.01
---------------------------------	------

### 3: Half Pitch Gradient West



#### Gradient Calculation

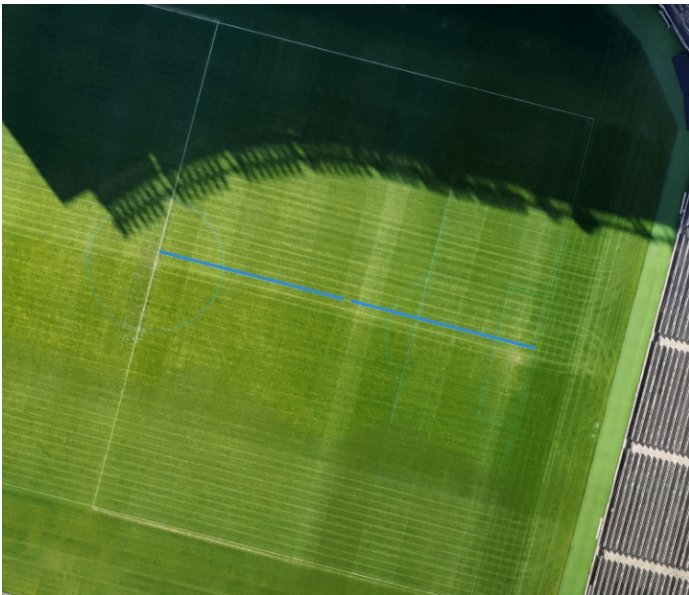
Model to Be Calculated	20260520-Field map(1) -
------------------------	-------------------------

Segment S to E	0.4°
----------------	------

Max Gradient	0.4°
--------------	------

Min Gradient	0.4°
--------------	------

### 4: Half Pitch Gradient East



#### Gradient Calculation

Model to Be Calculated	20260520-Field map(1) -
------------------------	-------------------------

Segment S to E	0.4°
----------------	------

Max Gradient	0.4°
--------------	------

Min Gradient	0.4°
--------------	------

## 5: Full Pitch Gradient



### Gradient Calculation

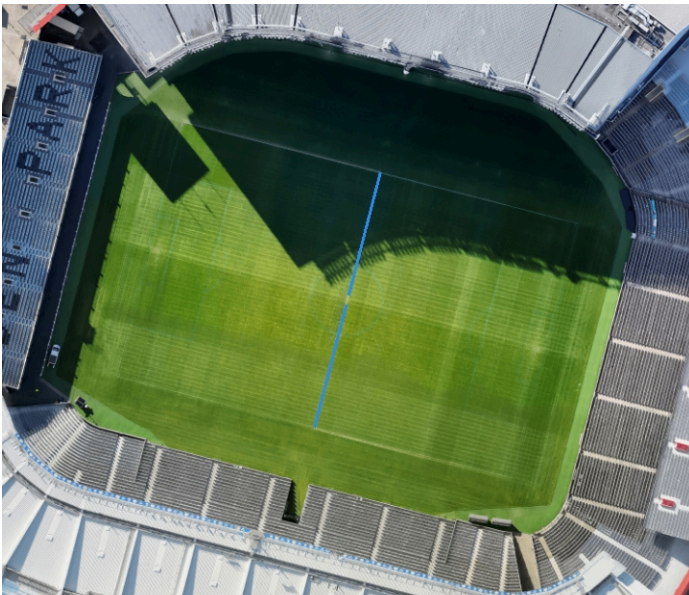
Model to Be Calculated	20260520-Field map(1) -
------------------------	-------------------------

Segment S to E	0.0°
----------------	------

Max Gradient	0.0°
--------------	------

Min Gradient	0.0°
--------------	------

## 6: Pitch Width



### Triangulation Measurement

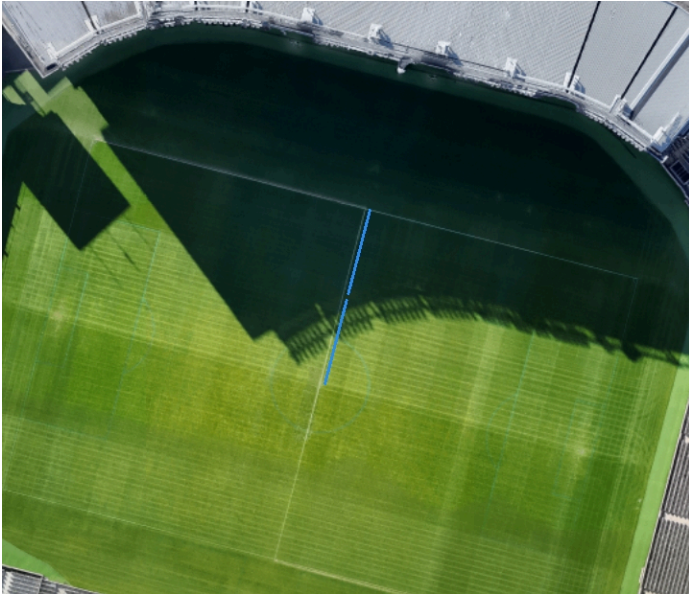
Model to Be Calculated	20260520-Field map(1) -
------------------------	-------------------------

Horizontally Projected Perimeter (m)	67.95
--------------------------------------	-------

Spatial Perimeter (m)	67.95
-----------------------	-------

Maximum Altitude Difference (m)	0.07
---------------------------------	------

## 7: Pitch Gradient North



### Gradient Calculation

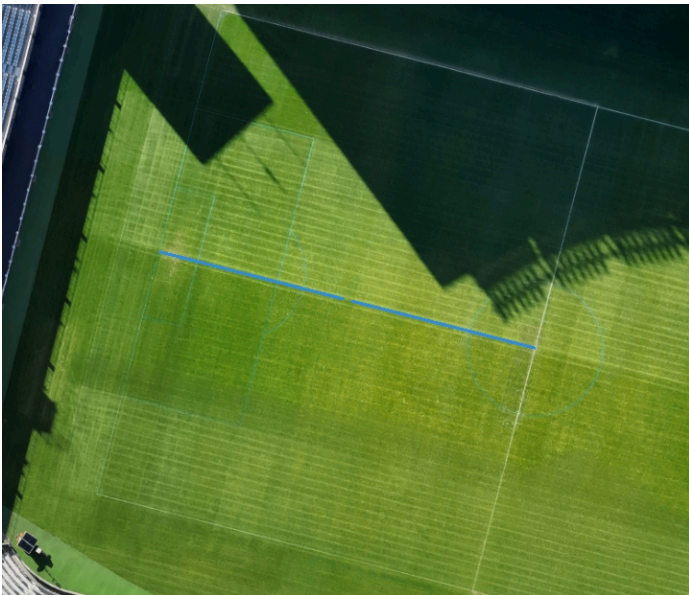
Model to Be Calculated 20260520-Field map(1) -

Segment S to E 0.5°

Max Gradient 0.5°

Min Gradient 0.5°

## 8: Half Pitch Slope West



### Triangulation Measurement

Model to Be Calculated 20260520-Field map(1) -

Horizontally Projected Perimeter (m) 52.49

Spatial Perimeter (m) 52.50

Maximum Altitude Difference (m) 0.33