FIELD TEST

REPORT



Football Turf Field Test Report

South Holland Health & Wellbeing

Report Number: 26562-4607s

Report Status: Draft

Issue Date: 12/11/26

SPORTS LABS
TESTING TECHNOLOGY FOR SPORT

Football Field Test Report

FOREWORD – Field

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Any compliance requirement limit(s) applied and reported will be considered in conformance with the specified requirements if the measured value falls within the established specification limits. Specifically, if the measurement lies within the range of the Lower Specification Limit, and Upper Specification Limit, the result will be accepted as meeting the required criteria. If the measurement result falls outside this range, the result will be rejected as non-conforming in line with SGBs guidance where measurement uncertainty is not applied as a guard band in this decision-making process.

This report is not an official Sports Governing Body report and does not imply SGB approval.

*Not all the tests may be within our current ISO 17025 scope of accreditation.

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Date	12/11/2026		Date	12/11/2026	
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Date:	N/A		This report supersedes previous report:	N/A	

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Test Programme

Ball/Surface Interaction	Vertical Ball Rebound Ball Roll	BS EN 12235 / FQP TM 01 BS EN 12234 / FQP TM 03
Player/Surface Interaction	Shock Absorption Vertical Deformation Rotational Resistance	FQP TM 04a FQP TM 05a BS EN 15301-1 / FQP TM 06
Construction Requirements	Surface Regularity Dimensions	FQP TM 12 Laser distance meter
Infill and Free Pile Height	Free Pile Height Infill Depth	FQP TM 18 FQP TM 21
Visual Inspection	Aesthetics	Visual inspection of the surface and surrounding ancillaries

*All test carried out are within the scope of ISO 17025 accreditation with the exception of Dimensions and Visual inspections

Test Summary

Summary of Testing	Pass/Fail	PASS
Date of Testing		11/11/2026

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Test Conditions

Substrate Type	**Engineered**	
Surface Type	**3G**	
Surface Condition	**Dry**	
Infill Type	**SBR Sand**	
Shockpad	**Pre-fabricated**	
	AM	**PM**
Ambient Temperature (ºC)	**9.5**	**11**
	AM	**PM**
Surface Temperature (ºC)	**16**	**17**
	AM	**PM**
Humidity (% RH)	**76**	**70**
	AM	**PM**
Max Wind Speed (m/s)	**0.3**	**0.6**

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Test Results

Player/Surface Interaction

Shock Absorption (%)

Positions	A	B	C	D	E	F	G
	65	66	64	62	66	64	67
	H	I	J	K	L	M	N
	66	67	66	67	66	64	65
	O	P	Q	R	S		
	65	67	66	68	65		

Consistency (%)

Positions	A	B	C	D	E	F	G
	1	-1	3	6	-1	3	-2
	H	I	J	K	L	M	N
	-1	-2	-1	-2	-1	2	1
	O	P	Q	R	S		
	1	-3	0	-3	0		

Values in RED denote failure of client's specified limits

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Test Results

		Positions						
		A	B	C	D	E	F	G
Player/Surface Interaction	Vertical Deformation (mm)	8.0	8.5	8.5	8.0	8.5	7.5	7.5
		H	I	J	K	L	M	N
		8.0	8.0	8.0	7.5	7.5	8.0	8.0
		O	P	Q	R	S		
		8.0	9.0	8.0	8.5	8.0		
	Consistency (%)	A	B	C	D	E	F	G
		-2	-6	-2	0	-3	6	8
		H	I	J	K	L	M	N
		-1	-1	0	9	10	0	-2
		O	P	Q	R	S		
		-1	-9	0	-4	2		

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Test Results

		Positions					
		1	2	3	4	5	6
Player/Surface Interaction (Con't)	Rotational Resistance (Nm)	33	34	32	33	33	33
	Consistency (%)	1	-3	4	0	0	-1
Ball/Surface Interaction	Vertical Ball Rebound (m)	0.76	0.77	0.78	0.77	0.76	0.78
	Consistency (%)	2	0	-1	0	1	-1
	Ball Roll (m)	6.4	6.3	6.4	6.8	6.9	7.3
	Consistency (%)	5	7	4	-2	-3	-8

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Test Results

		Positions Run offs			
		R1	R2	R3	R4
Run Offs Assessment	Rotational Resistance (Nm)	36	32	36	36
	Consistency (%)	-2	8	-3	-2
	Vertical Ball Rebound (m)	0.77	0.76	0.83	0.87
	Consistency (%)	5	6	-3	-7
	Shock Absorption (%)	63	67	65	65
	Consistency (%)	3	-3	0	0
	Vertical Deformation (mm)	7.1	8.8	7.4	8.0
	Consistency (%)	10	-11	6	-2

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Test Results

		Field Average
Infill and Free Pile Height	Free Pile Height (mm)	13
	Infill Depth (mm)	29
		Deviations ≥ ± 10mm
Construction Requirements	Surface Regularity (See diagram Page 6)	0
		Visual Defects Recorded
	Visual Defects (See Page 12)	0

Dimensions (m)	Parameter	Distance (m)
	Length	91.0
	Width	55.0
	Run-off side	3.0
	Run-off behind	3.0

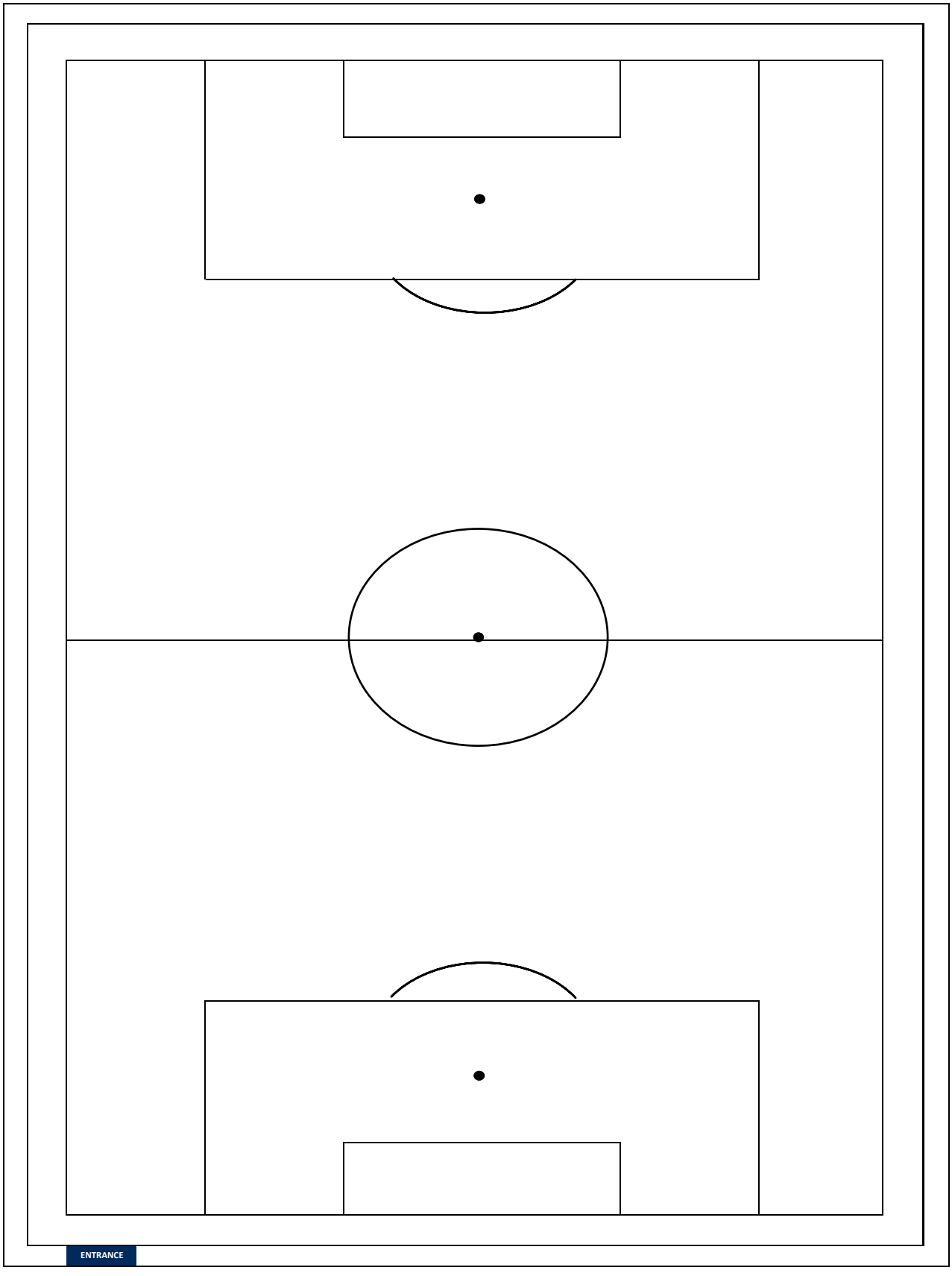
Values in RED denote failure of client's specified limits

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Plan Showing Surface Irregularites > ± 10mm

Irregularities ≥16mm	Irregularities ≥13 - ≤15mm	Irregularities ≥10 - ≤12mm	SF Seam Failure
FL Loose Fibres	FA Adhesive on Fibres	FB Burnt Fibres	FW Worn Fibres
IH Infill High	IL Infill Low	LMS Line Markings Not Straight	LMW Line Markings Wrong Position
DD Debris on Surface	DW Wrinkles	DO Defects - Other	PDB Perimeter Drain Broken
GPA GP Retainer Collar Above Infill	GS Gap in Seam	GPN Goal Net Broken	GPP Paint Missing on Goal Post
GPU Goal Post Not Upright	GPD Goal Post Damage	CFU Corner Flags Not Upright	CFD Corner Flags Damaged



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Visual Inspection

		Property	Condition
Visual Inspection	Aesthetics	Yarn/Pile	New carpet, pile is upright and free from visual defects
		Seams	None open during testing, width rolls are well bonded
		Line Markings	Stitched markings are straight
		Infill	Evenly distributed across the pitch
		Goals, Equipment, Fencing	Goals to be delivered. Some perimeter fencing to be completed
		Housekeeping (Litter etc)	Free from litter

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Snagging Inspection

		Property	General Comments
Snagging Inspection	Aesthetics	Corner Flags	To be delivered
		Perimeter Fencing	Some perimeter fencing to be finshed
		Access & Gates	Padlock and gates fully functional
		Perimeter Edging Details	No kerbs broken, all level
		Maintenance Equipment and Log	On site, log to be emailed over
		On site Testing Equipment (i.e. Ball Roll, Prism, depth guage)	Kit arrived and on site.

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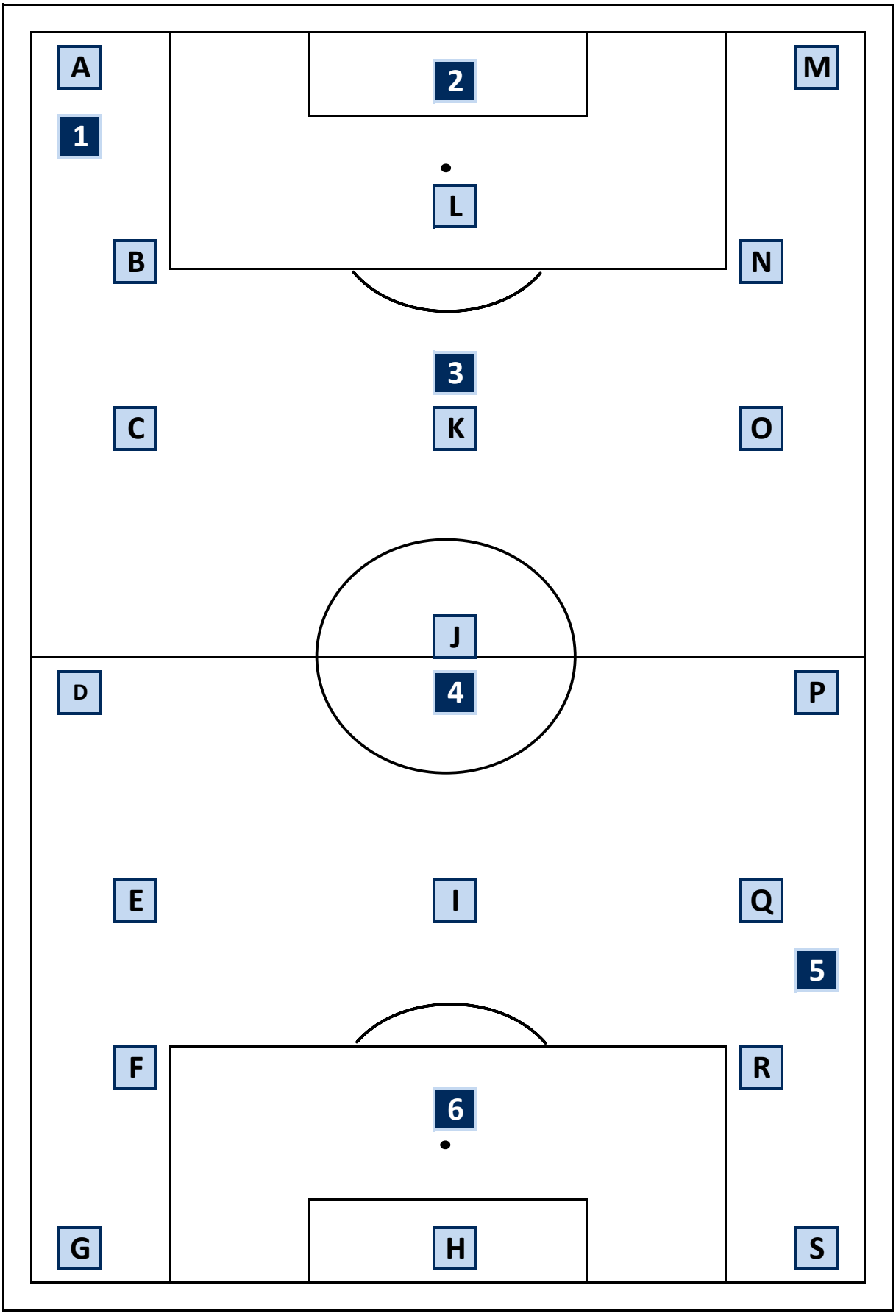
Line Markings

	Pitch Size	Line Colour	Number of Pitches
Line Markings	11 - A- Side	White	1
	9 - A - Side	Not Present	Not Present
	7 - A - Side	Not Present	Not Present
	5 - A - Side	Not Present	Not Present
	Rugby	Not Present	Not Present
	Hockey	Not Present	Not Present
	Other	Not Present	Not Present

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Plan Showing Test Locations



Site Photographs - Overview



Site Overview



Site Overview



Test Equipment Used On site



Maintenance Equipment



Ball Roll



Maintenance Log

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Site Photographs - Overview

To be delivered	
Goals	**Sub Base Photo**
	
Access and Gates	**Perimeter Fencing**
	
Prism and Depth Gauge	**Perimeter Fencing (2)**

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Site Photographs - Example Defects (If Any)

NONE FOUND	**NONE FOUND**
NONE FOUND	**NONE FOUND**

Site Photographs - Example Defects (If Any)

NONE FOUND	**NONE FOUND**
NONE FOUND	**NONE FOUND**

Discussion And Conclusions

The results obtained from testing showed that the surface was found to comply with the contract specification.

This surface will require a proper maintenance regime. Maintenance of the surface combined with management of the users is vitally important to the surface longevity and continued performance. A robust maintenance schedule should be put in place in accordance with the surface manufacturers recommendations and taking into account the hours of use on the surface.

In order to continue to meet the specification the surface requires to be tested every 3 years from the date of issue of this report. As a minimum the surface should be tested in accordance with BS EN 15330-1:2013 - Surfaces for sports areas every 3 years dependant on hours of use.

END OF REPORT

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CLIENT FEEDBACK

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