



SPORT ENGLAND TYPE 1 MUGA TEST REPORT

Facility Reference	Kingsland Primary School
Facility Address:	Neidpath Road Peebles EH45 8NN
Report Number:	17092 / 2615s
Report Status:	FINAL
Issue Date:	17/05/2016
Client:	Scottish Borders Council Council Headquarters Newtown St Boswells TD6 0SA

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Laboratory Details



Name	Sports Labs Ltd
Address	12 Nasmyth Court, Livingston, Scotland
Phone	0845 602 6354
Email	info@sportslabs.co.uk

Laboratory Director	Richard Nixon
Field Testing Manager	Keith Macpherson
Engineer on site	Neale Lees
Additional Engineers (if any)	N/A

Prepared by	
Field Testing Manager	
Signed	
Date	17/05/2016

Checked By	
Laboratory Director	
Signed	
Date	17/05/2016



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Test Programme

Player/Surface Interaction	Slip Resistance	ITF CS/02/01: 1997
Construction Requirements	Surface Regularity	BS EN 13036-7: 2003
	Permeability	BS EN 12616: 2013
	Slope*	Using Surveyors Level
	Dimensions*	Laser Distancemeter

*Not all tests carried out are within our scope of ISO 17025 Accreditation.

Test Summary

Summary of testing	Pass/Fail	PASS
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Test Conditions

Substrate Type:	Engineered base	
Surface Type:	MUGA	
Surface Name	Tarmac	
Weather Conditions:	Sunny	
Surface Condition	Dry	
	AM	PM
Ambient Temperature (°C)	NA	17
	AM	PM
Surface Temperature (°C)	NA	16
	AM	PM
Humidity (% RH)	NA	58
	AM	PM
Wind Speed (m/s)	NA	1.1

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Test Results

			Positions							
			1	2	3	White	Yellow	Red	None	
Player/Surface Interaction	Dry Slip Resistance (PTV)	≥60 PTV	98	99	94	91	89			
	Wet Slip Resistance (PTV)	≥60 PTV	72	71	72	65	67			
			Deviations ≥ ± 8mm							
Construction Requirements	Surface Regularity- Total Playing Area (See diagram Page 7)	8 Permitted	0							
	Surface Regularity- Principal Playing Area (See diagram Page 7)	4 Permitted	2							
				Positions						
				1	2	3				
	Permeability (mm/hr)	>100mm/hr	148	148	146					
	Dimensions (m)	Parameter		Distance (m)						
		Length	34.5							
		Width	18.2							

Values in RED denote failure of client's specified limits

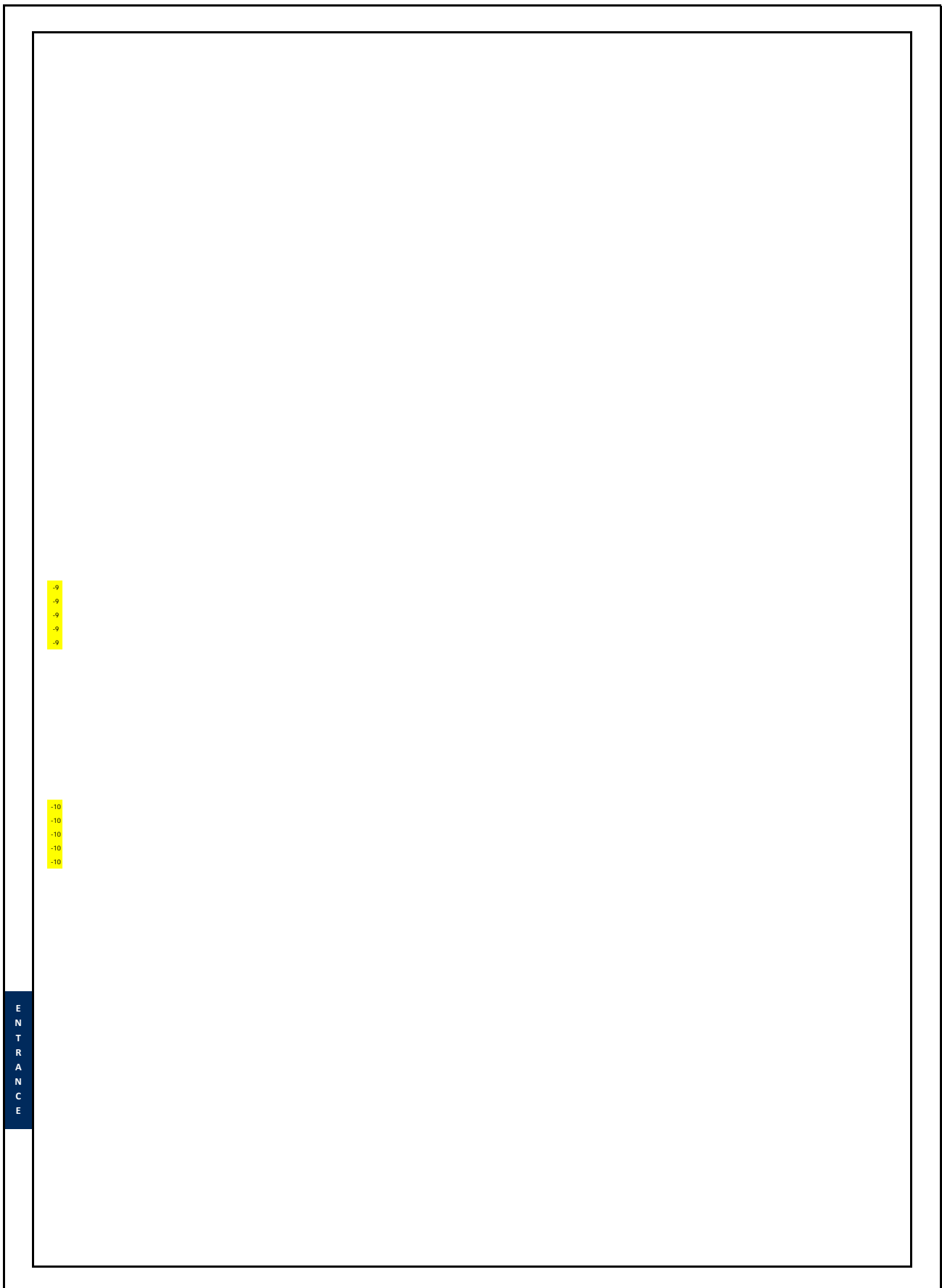


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Plan showing surface irregularities > ± 8mm

- Irregularities ≥15mm
- Irregularities ≥12 - ≤14mm
- Irregularities ≥9 - ≤11mm



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Visual Inspection

		Property	Condition
Visual Inspection	Aesthetics	Damage	No damage visible
		Colour	Non present
		Line Markings	In good condition
		Fencing	In good condition
		Goals, Equipment	Goals painted on fence, in good condition. Basketball nets in good condition, backboards in poor condition. Portable Netball nets also present, damage to netting
		Housekeeping (Litter etc)	Some litter/debris around edges of surface



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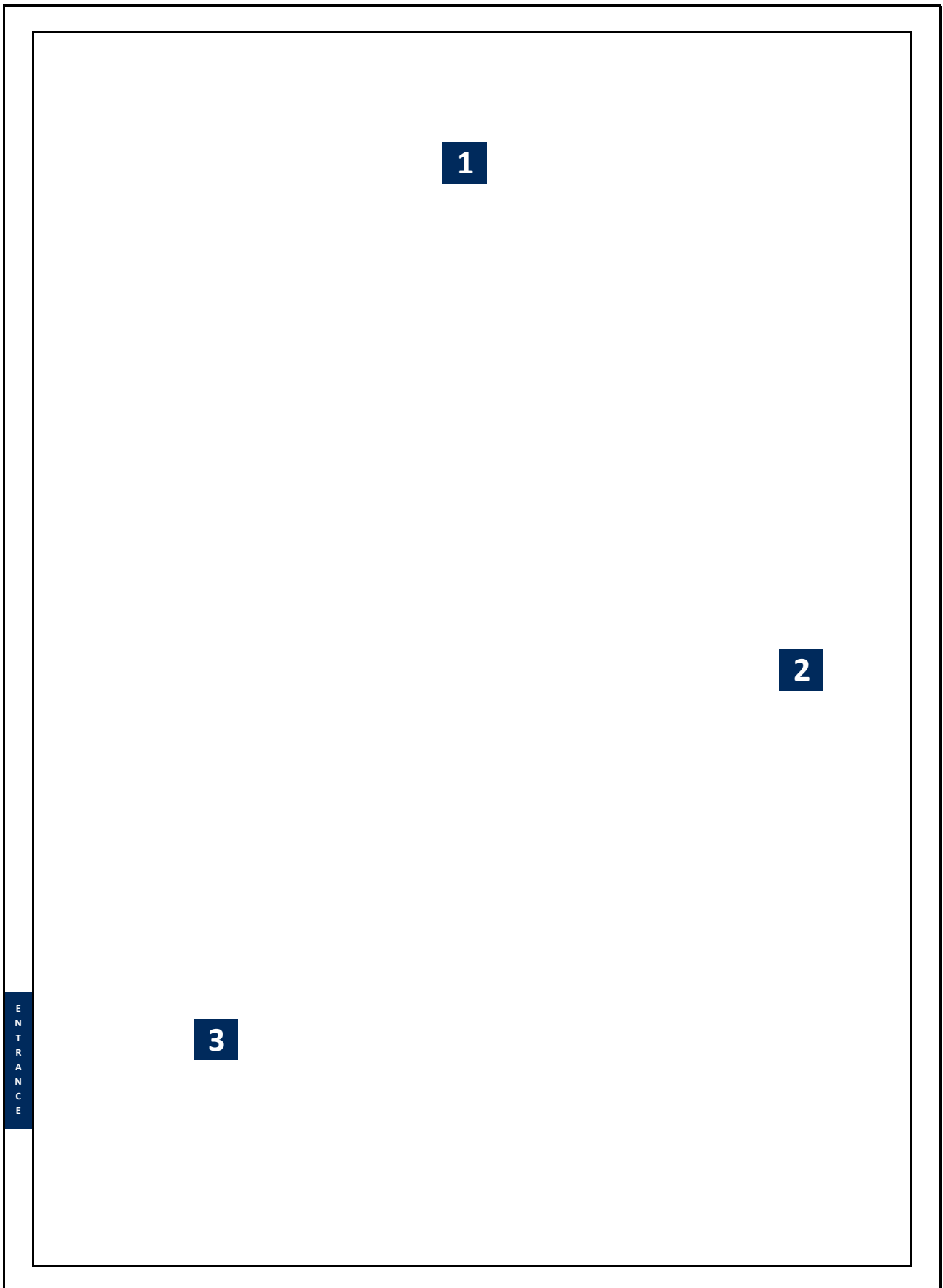
Line Markings

	Sport	Line Colour	Number Present
Line Markings	Basketball	Not Present	Not Present
	Netball	White	1
	Badminton	Not Present	Not Present
	Tennis	Not Present	Not Present
	5-a -Side Football	Red	1
	Hockey	Not Present	Not Present
	Other	Not Present	Not Present

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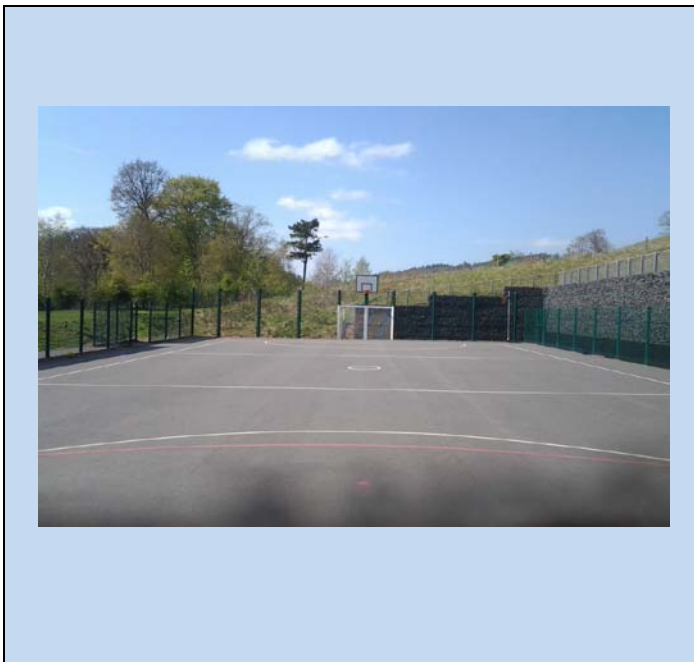
Plan showing Test Locations



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Site Photographs - Overview



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Site Photographs - Example Defects (If Any)



Deviation



Deviation

None Found

None Found

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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 ensure the surface continues to meet the specification the surface requires to be tested biennially from the date of issue of this report.

END OF REPORT