



SPORT ENGLAND TYPE 1 MUGA TEST REPORT

Facility Reference	West Linton Primary School
Facility Address:	Deanfoot Road West Linton Peebleshire EH46 7EX
Report Number:	17092 / 2619s
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	<i>Keith Macpherson</i>
Signed	
Date	17/05/2016

Checked By	
Laboratory Director	<i>Richard Nixon</i>
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)	10	N/A
	AM	PM
Surface Temperature (°C)	8	N/A
	AM	PM
Humidity (% RH)	51	N/A
	AM	PM
Wind Speed (m/s)	0.8	N/A

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Test Results

			Positions							
			1	2	3	White	Yellow	Red	None	
Player/Surface Interaction	Dry Slip Resistance (PTV)	≥60 PTV	93	106	97	92	100			
	Wet Slip Resistance (PTV)	≥60 PTV	83	89	88	60	66			
			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	1							
				Positions						
				1	2	3				
	Permeability (mm/hr)	>100mm/hr	924	929	926					
	Dimensions (m)	Parameter		Distance (m)						
		Length	38.4							
		Width	18.5							

Values in RED denote failure of client's specified limits



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Plan showing surface irregularities > ± 8mm



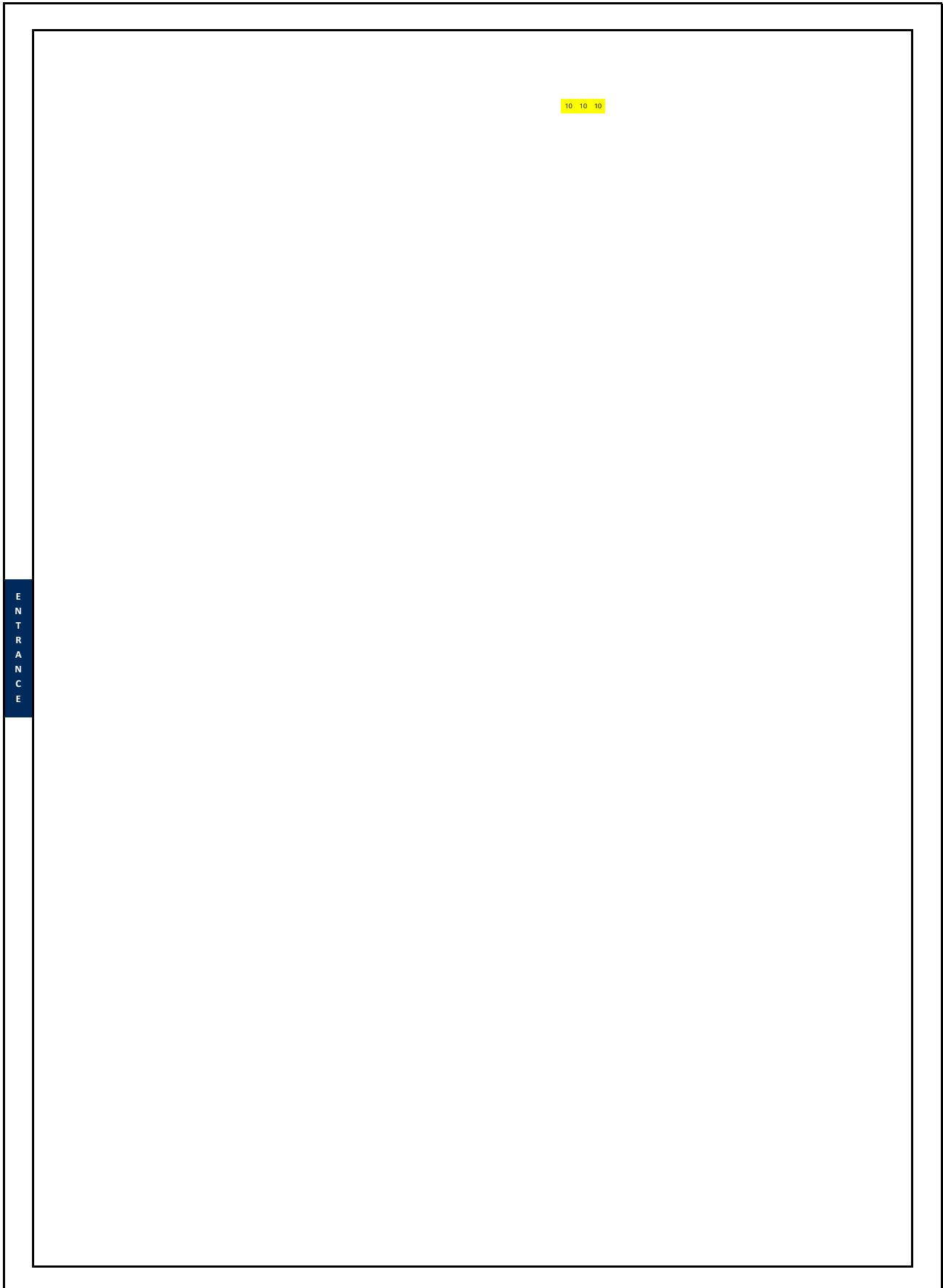
Irregularities ≥ 15mm



Irregularities ≥ 12 - ≤ 14mm



Irregularities ≥ 9 - ≤ 11mm



ENTRANCE

10 10 10

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Visual Inspection

		Property	Condition
Visual Inspection	Aesthetics	Damage	Joints between macadam tarmac on surface visible (within tolerance)
		Colour	None present
		Line Markings	Lines starting to fade.
		Fencing	In good condition
		Goals, Equipment	Equipment in good condition. Goals in good condition and no damage visible.
		Housekeeping (Litter etc)	Mostly free from litter - some litter/debris around perimeters. Organic detritus around fence line .



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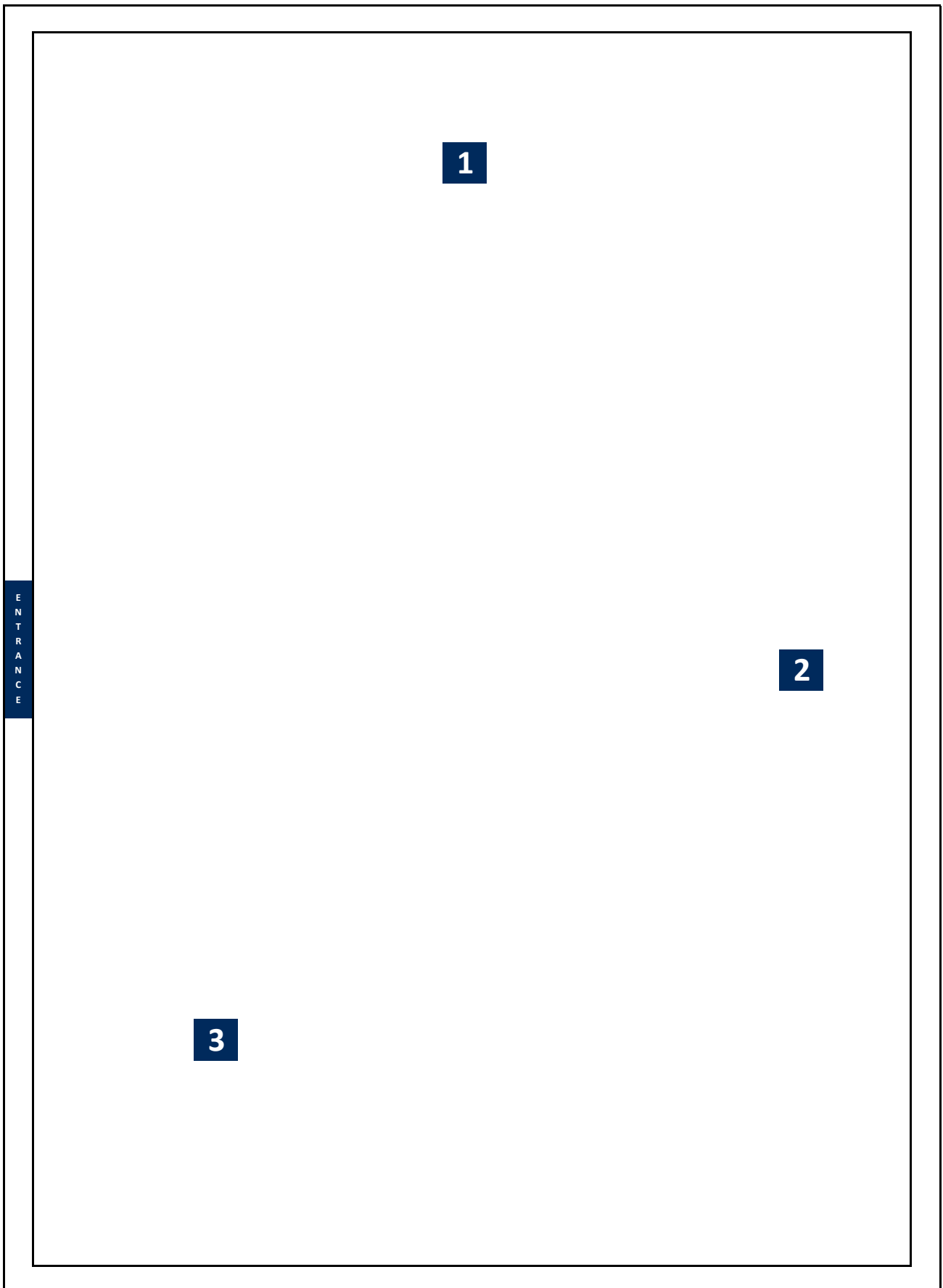
Line Markings

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

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Plan showing Test Locations



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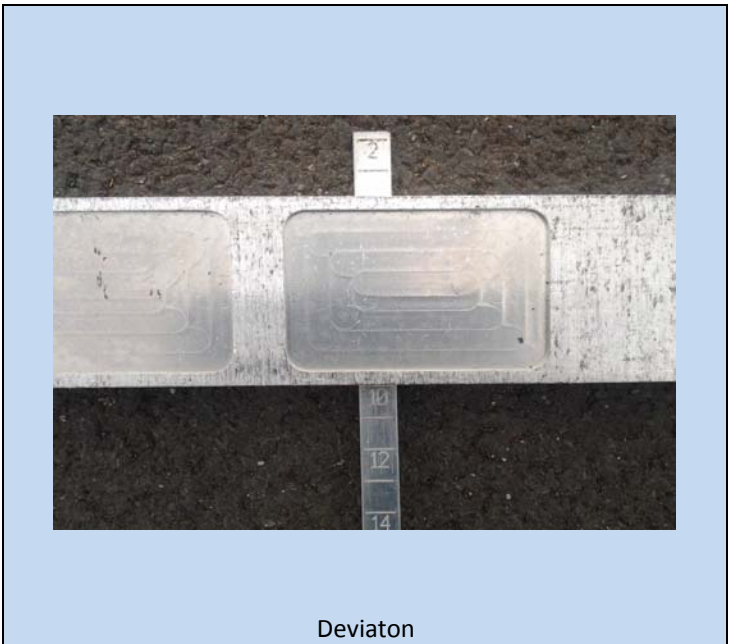
Site Photographs - Overview



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Site Photographs - Example Defects (If Any)



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