SITE SURVEY WAYFINDING

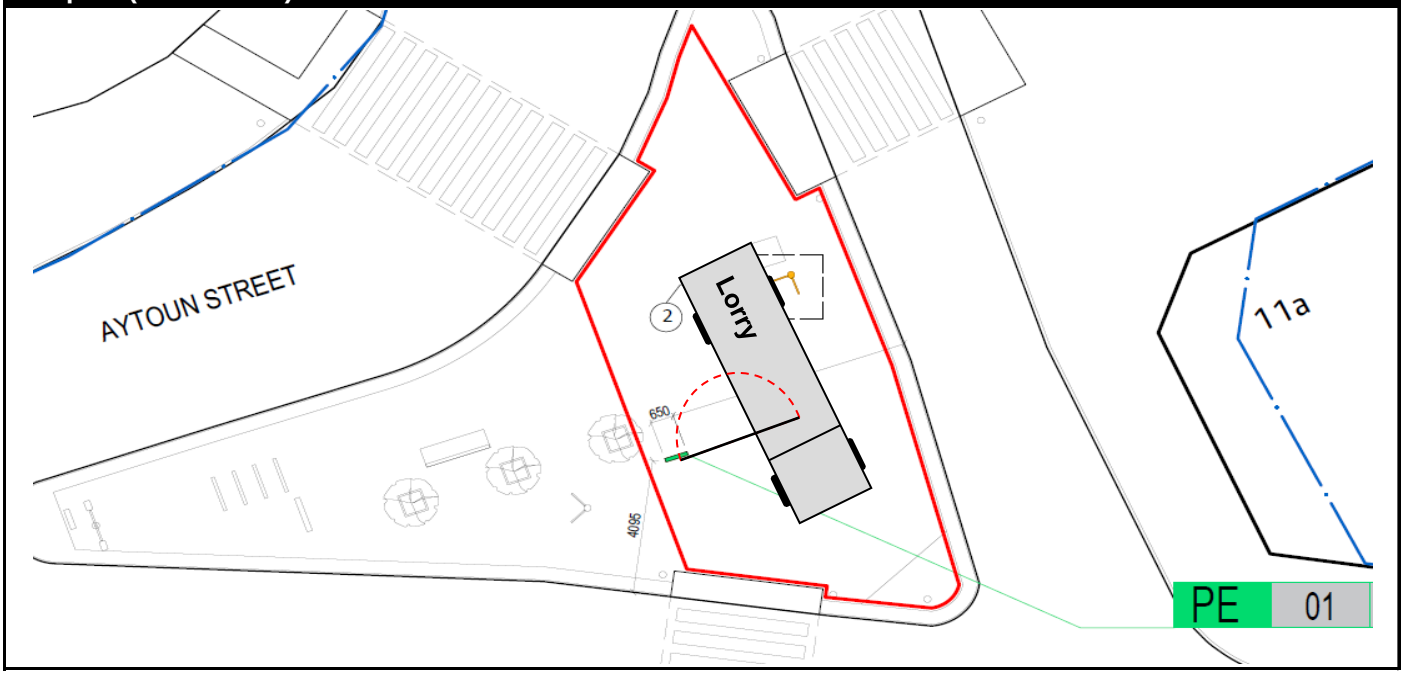
trueform

PE01	Sign reference	Midilith	Sign type
TT6593	TT Number	TfGM	Client
2200mm to crane	Lifting distance	Paving flags	Reinstatement material
None	Overhead obstructions?	N/A	Obstruction height
Yes	Decluttering required?	14/01/2019	Survey date
Standard chapter 8 (Footway parking)	Traffic management type	N/A	Traffic count
Standard barriers and pedestrian arrow signs	Pedestrian management	JT/CK	Surveyed By
Yes	Installation photos taken?	N/A	Obstruction photos taken?
Yes	TM Photos	Yes	Pedestrian management photos taken?

Installation notes

Park vehicle on footway adjacent to installation point.
Standard pedestrian safety barriers around work area. Sufficient footway for pedestrians to use
Existing wayfinding sign installed in grassed area to be removed.

Site plan (not to scale)



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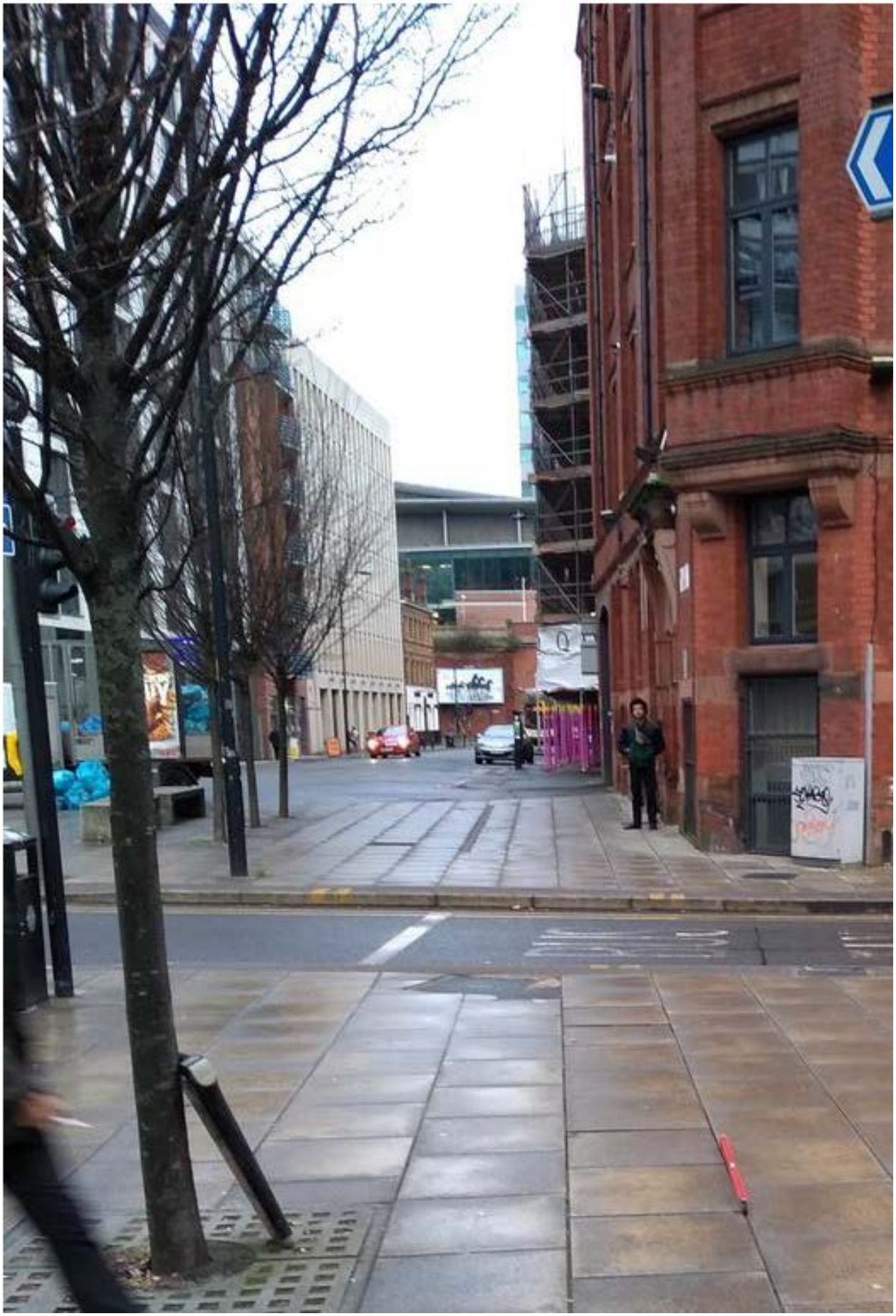
The University of Manchester
Oxford Rd
Piccadilly
City Centre


CENTRIC


Whitworth Street
Universities
Palace Theatre
Manchester Central
Coach Station
Metrolink
Piccadilly
The Manchester
College
Shena Simon
Campus
Sportcity




Warehouse Two
Universities
Palace Theatre

Marshalls
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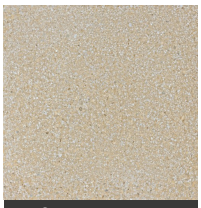
Perfecta 600 x 600 x 63

Date Created: 07/02/19





Perfecta Paving - Natural



Perfecta Paving - Buff

Blended with a hard Yorkstone aggregate, Marshalls Perfecta Smooth Ground Flag Paving combines fantastic aesthetics and outstanding technical performance to act as a cost-effective alternative to premium natural Yorkstone.

The paving provides the warm, rich colour and character of natural Yorkstone, as well as durability and both wet and dry non-slip qualities at an affordable price.

Additionally, Perfecta is extremely versatile and is available in a comprehensive range of thicknesses and plan sizes, from 400 x 400m to 600 x 600mm. It is also available with chamfered edges, which reduce the risk of spalling.

Marshalls' Perfecta range comes in Trafica formats and versions of the product that feature Fibre Reinforcement for increased toughness and resistance to impact and overloading, which means it is suitable for the majority of variable loading applications.

DESCRIPTION	
Appearance	Solid unit with smooth surface
Manufacturing Process	Hydraulically pressed concrete
Base Raw Material	Concrete
Governing Manufacturing Standards	All data where relevant to be established in accordance with BS EN 1339 : 2003
CE Marking/DOP	https://www.marshalls.co.uk/dop
NBS Specification	Q25 315

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PHYSICAL PROPERTIES

Tolerances	Minimum (mm)	Maximum (mm)
Length	596	600
Width	596	600
Thickness	60	66
Work Dimensions (mm)	598 x 598 x 63	
Nominal Dimensions (mm)	600 x 600 x 63	
Tolerances on Work Dimensions (mm)	Length ±2mm, width ±2mm, thickness ±3mm	
Abrasion Resistance (mm)	≤ 23mm (Wide Wheel Abrasion Test)	
Durability (Freeze-thaw)	≤ 1.0 kg/m² as a mean with no individual value > 1.5 kg/m²	
Material Density	2300 kg/m³ (typically)	
Slip/Skid Resistance (polished)	Mean polished skid resistance value (PSRV) : > 45	
Slip/Skid Resistance (unpolished)	Mean unpolished skid resistance value (USRV) : > 45.	
Thermal Conductivity (K value)	Design data as defined to BS EN 13369 : 2013	

SPECIFICATION

Approx unit weight (kg)	53
Emission of Asbestos	No content
External Fire Performance	Deemed to satisfy. See commission decision 2000/553/ECU
Reaction to fire	Class A1, see commission decision 2000/605/EC

SUSTAINABILITY

Breeam	These units can achieve an "A" rated system when used in conjunction with the correct sub-base components
Carbon Footprint	26 kg CO2 m²

APPLICATION

Loading Classification	Category 6 - 10 large goods vehicles per week (0.15 msa)

SITE WORKS

Coverage	2.8 no per m²

SUPPLY

Av. pack size (m2)	5.8
Units Per Pack	16
Av. pack weight (kg)	850
Packaging	All packs are suitable for crane off-load Fork lift off-load on request

FURTHER INFORMATION

Cleaning & Maintenance	Cleaning & maintenance details are available on request
Efflorescence	Any product containing cement during its early life may exhibit a temporary white discolouration known as efflorescence. This is not a product fault and will gradually disappear with exposure to natural weathering and trafficking
Weathering	It should be appreciated that with all products weathering and site conditions can cause shade variation to appear across the surface of individual units. This does not in any way affect the performance of the units and any such variation will diminish over a period of time as the product matures.
Product Evolution	The evolution of new product design is continuous and information is subject to change without notice. Customers should check with the supplier to ensure that they have the latest details. Marshalls reserve the right to amend the technical information as deemed necessary and in accordance with the relevant national and international standards without notice
Contact Us	For technical information on the design, specification and construction when utilising the product, contact the Technical Advisory Services Department on 0370 411 2233

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