

Appendix 1

Location, Accessibility Plan & School Catchment Plan



MLM

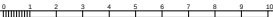
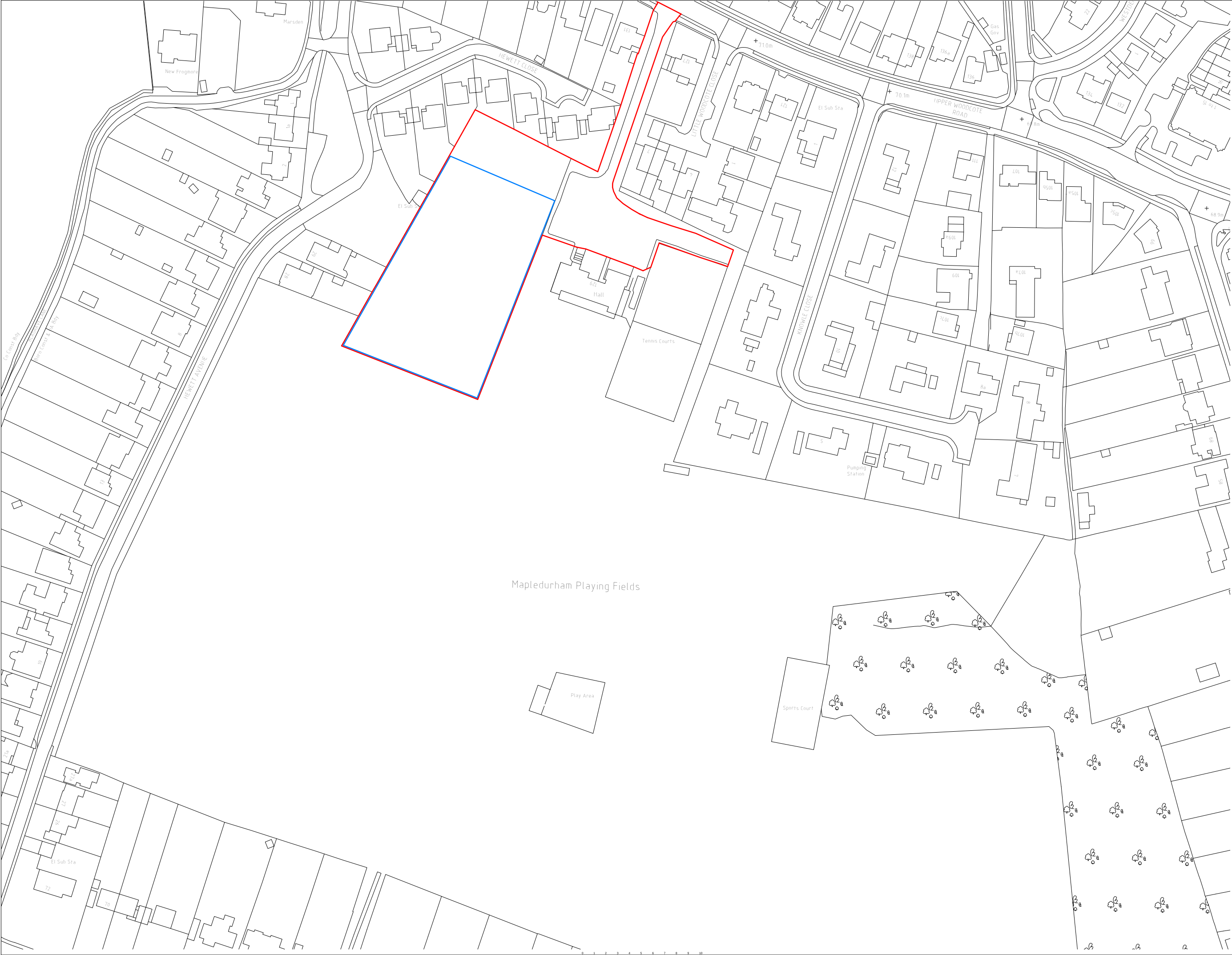
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618264

THE HEIGHTS PRIMARY SCHOOL
CAVERSHAM, READING
LOCATION, ACCESSIBILITY AND SCHOOL CATCHMENT PLAN

Appendix 2

Existing Site Layout



REVISION DETAILS

DATE

DRAWN BY

KEY		RESIDUAL RISK	
KEY PLAN			
ORIGINATOR		TITLE	
DMA		EXISTING SITE PLAN	
PROJECT		PURPOSE OF ISSUE	
THE HEIGHTS PRIMARY SCHOOL		FOR INFORMATION	
MAPLEDURHAM PLAYING FIELDS		SCALE	
LONDON		1:500	
ORIGINATOR		LEVEL	
DMA		XX	
PUMPING STATION		TYPE	
HPS		SK	
ROLE		DOC NO	
A		01002	

STATUS

REVISION

S2

APPROVED

Appendix 3

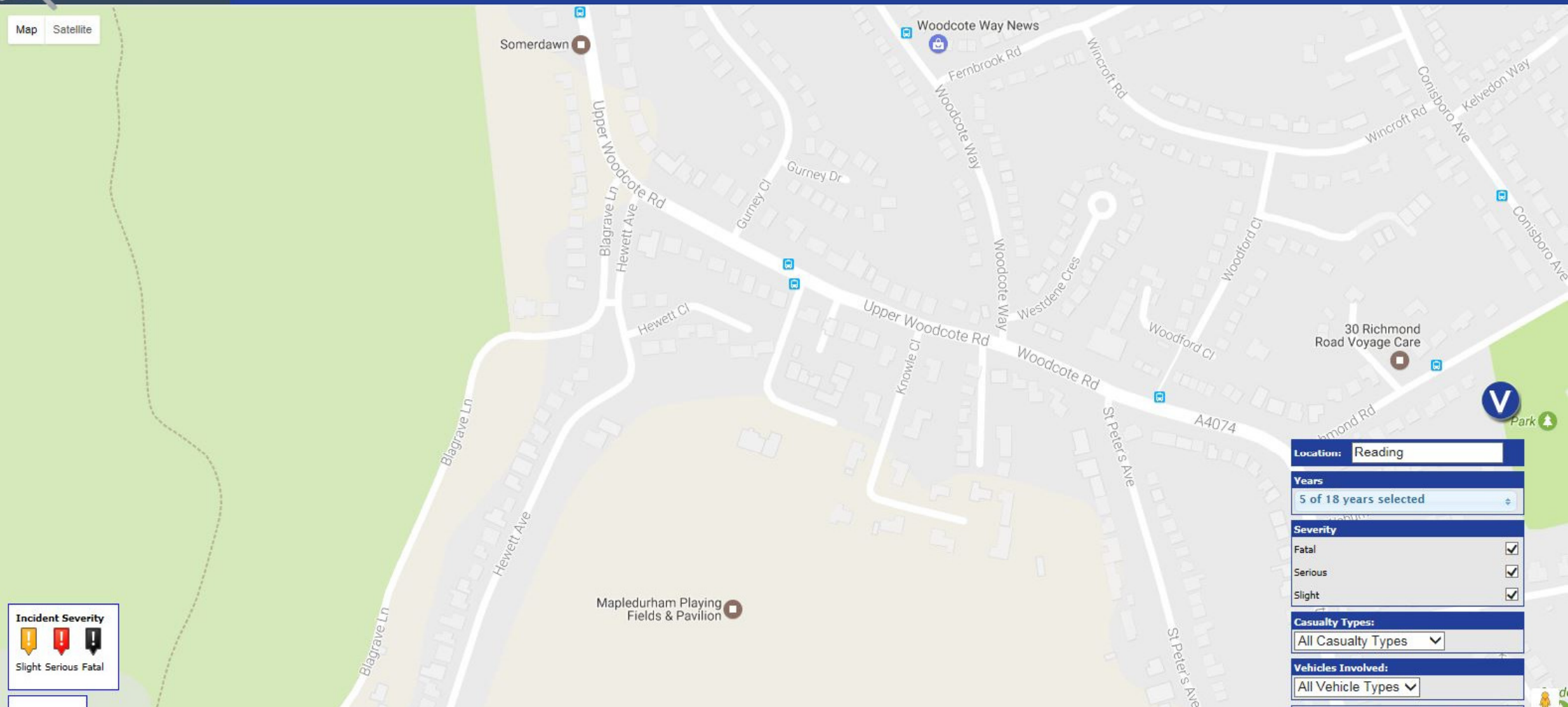
Accident Data Plot

Map Satellite

Incident Severity

Slight Serious Fatal



Location: Reading

Years: 5 of 18 years selected

Severity:

Fatal ☒
Serious ☒
Slight ☒

Casualty Types:

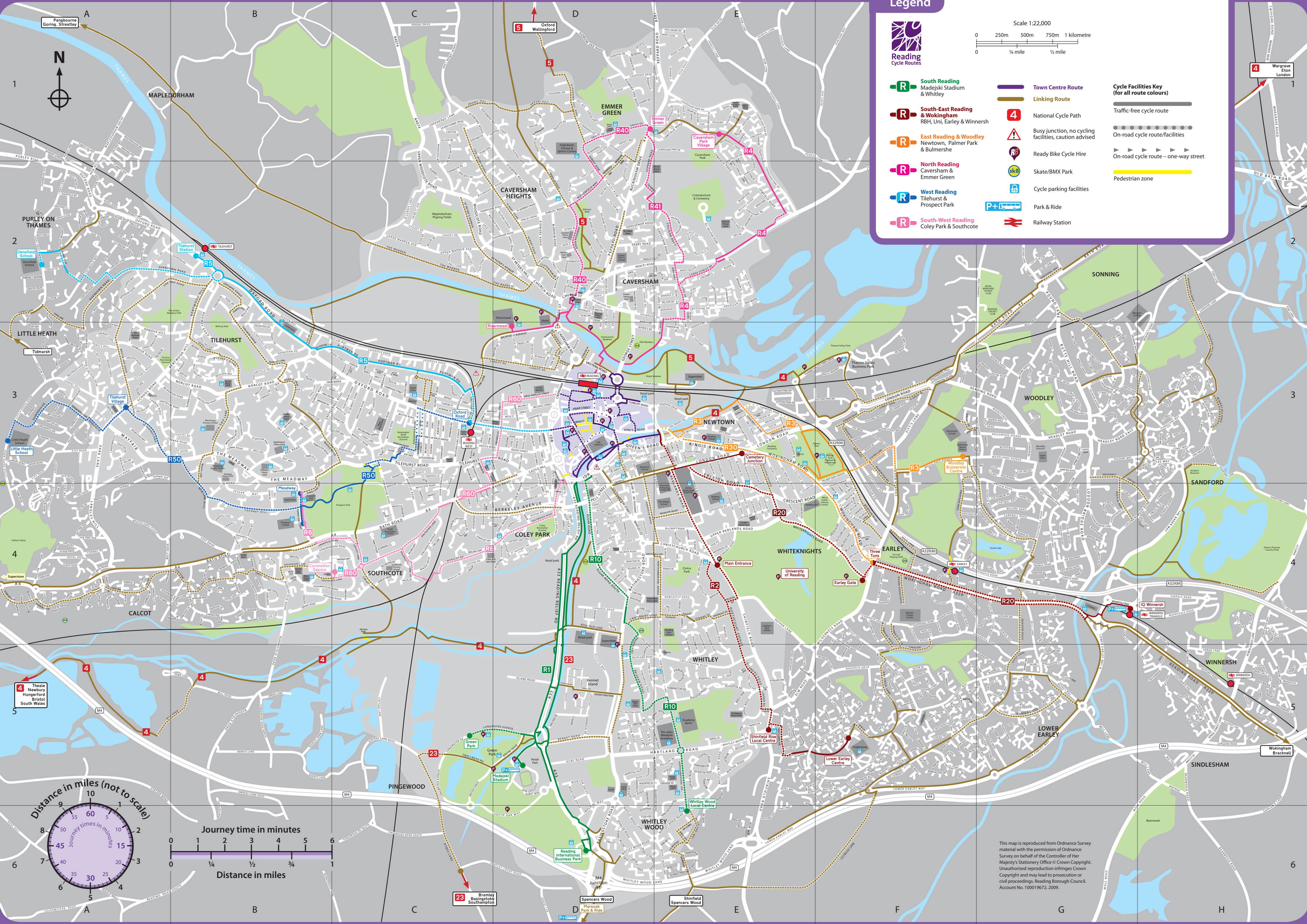
All Casualty Types

Vehicles Involved:

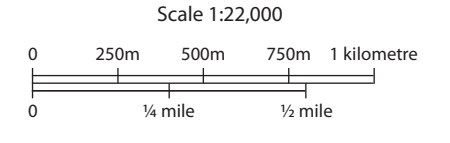
All Vehicle Types

Appendix 4

Sustainable Transport



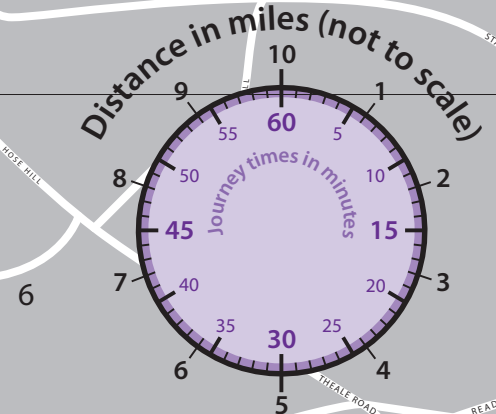
Legend



- R** South Reading
Madejski Stadium & Whitley
- R** South-East Reading & Wokingham
RBH, Uni, Earley & Winnersh
- R** East Reading & Woodley
Newtown, Palmer Park & Bulmershe
- R** North Reading
Caversham & Emmer Green
- R** West Reading
Tilehurst & Prospect Park
- R** South-West Reading
Coley Park & Southcote

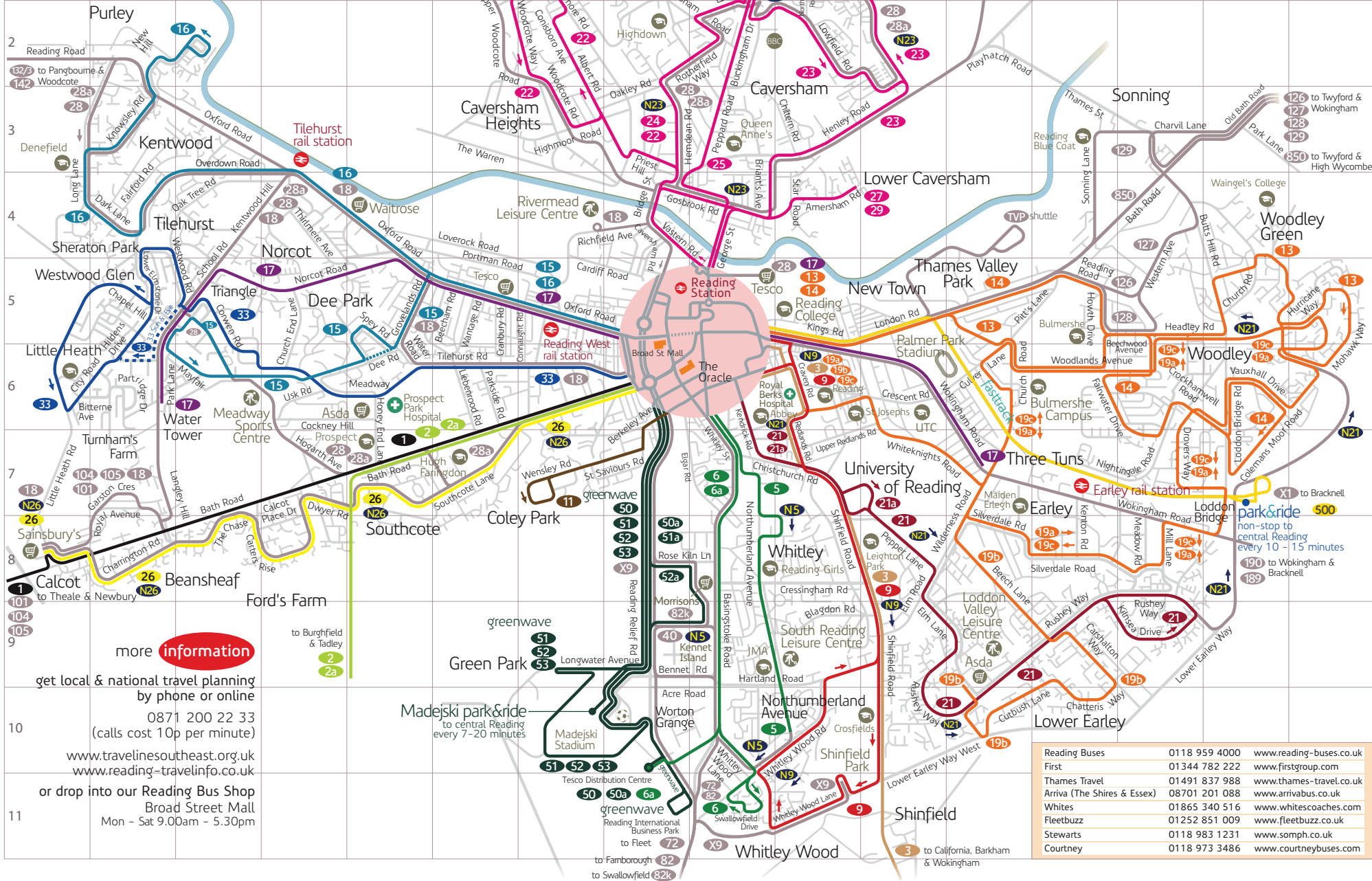
- Town Centre Route**
- Linking Route**
- 4** National Cycle Path
- Busy junction, no cycling facilities, caution advised
- Ready Bike Cycle Hire
- Skate/BMX Park
- Cycle parking facilities
- Park & Ride
- Railway Station

- Cycle Facilities Key (for all route colours)**
- Traffic-free cycle route
 - On-road cycle route/facilities
 - On-road cycle route – one-way street
 - Pedestrian zone



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quality travel for Reading
from July 2014



more **information**

get local & national travel planning
by phone or online

0871 200 22 33
(calls cost 10p per minute)

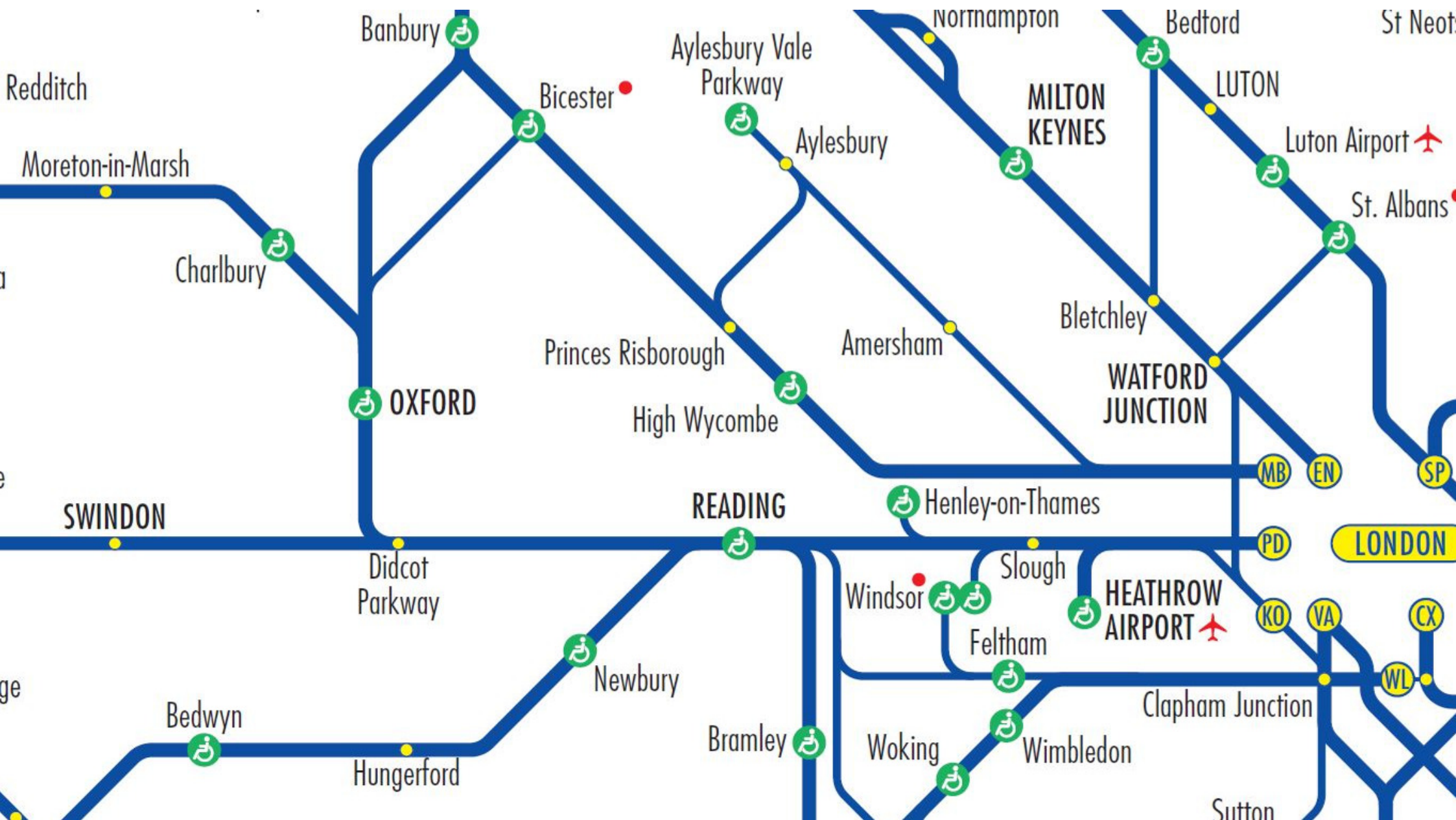
www.travelinesoutheast.org.uk
www.reading-travelinfo.co.uk

or drop into our Reading Bus Shop
Broad Street Mall
Mon - Sat 9.00am - 5.30pm

Reading Buses	0118 959 4000	www.reading-buses.co.uk
First	01344 782 222	www.firstgroup.com
Thames Travel	01491 837 988	www.thames-travel.co.uk
Arriva (The Shires & Essex)	08701 201 088	www.arrivabus.co.uk
Whites	01865 340 516	www.whitescoaches.com
Fleetbuzz	01252 851 009	www.fleetbuzz.co.uk
Stewarts	0118 983 1231	www.somph.co.uk
Courtney	0118 973 3486	www.courtneybuses.com

Local Bus Services

No	Route	Frequency (Mon-Fri)	Distance from Site
Pink 22	Reading - Caversham Bridge - Caversham Heights	Half Hourly Service	300m at Woodcote Rd
X39/X40	Reading - Checkendon(Woodcote) - Wallingford - Oxford	Half Hourly Service	100m at Upper Woodcote Rd
145C	Woodcote - Caversham - Henley Town Hall	1 AM peak hour service, Up to 3 services during PM	100m at Upper Woodcote Rd
921	Chiltern Edge School - Caversham Road Fire Station	1 service during AM peak	700m at Woodcote Rd
981	St Peters Ave - St Joseph's College - Bulmershe School	1 service during AM peak	500m at Woodcote Way

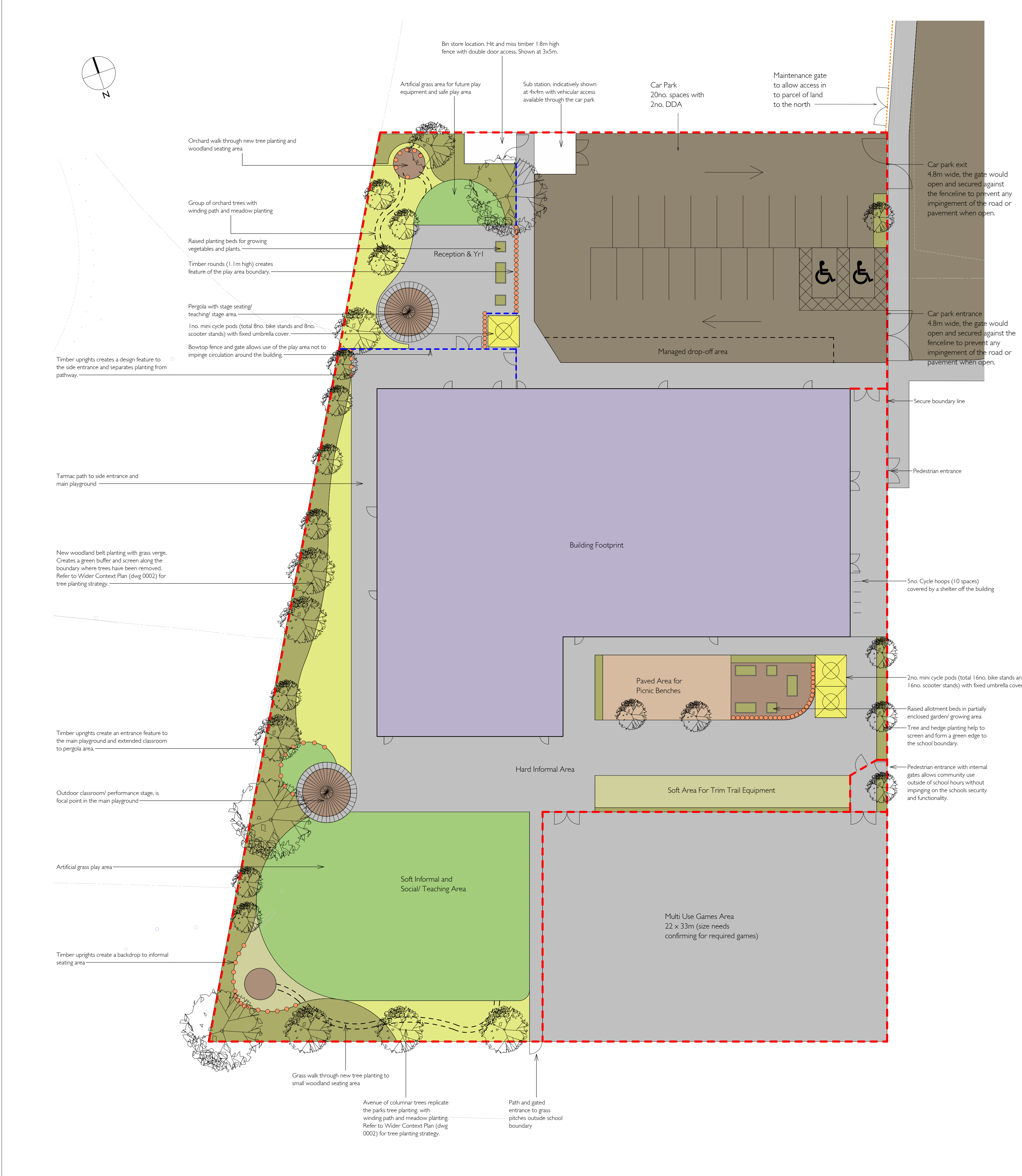


Rail Services from Reading Railway Station

Route	Weekday				
	First train arriving	Last train departing	Frequency		
			AM Peak	Off Peak	PM Peak
Newbury - Thatcham - Theale - Reading	06:12	23:03	3 services	2 services per hour	4 services
Swindon - Didcot Parkway - Reading	05:56	22:12	4 services	4 services per hour	4 services
Redhill - Reigate - Dorking - Guildford - North Camp - Farnborough North - Wokingham - Reading	06:58	23:34	2 services	2 services per hour	2 services
Banbury - Oxford - Reading	07:25	23:40	3 services	3 services per hour	2 services
Oxford - Radley - Culham - Didcot Parkway - Cholsey - Goring and Streatley - Pangbourne - Tilehurst - Reading	05:03	22:59	2 services	2 services per hour	2 services
London Waterloo - Clapham Junction - Richmond - Twickenham - Virginia Water - Ascot - Bracknell - Wokingham - Reading	06:40	23:12	2 services	2 services per hour	2 services
London Paddington - Ealing Broadway - West Drayton - Slough - Maidenhead - Twyford - Reading	00:34	23:09	1 service	3 services per hour	2 services
Southampton Central - Winchester - Basingstoke - Reading	06:04	17:46	1 service	1-2 services per hour	1 service

Appendix 5

Proposed Site Layout



BB103 Calculations:

	BB103 Minimum Recommendation	Proposal Area
Hard Informal Areas	620	872
Hard Outdoor PE	1030	726
Soft Informal and Social Areas	1440	823
Soft Outdoor PE	8400	-

Precedent Images:



Round timber pergolas are new focal points within the scheme and can be used for teaching, performing and play



Fenced Multi-use games area



Raised timber allotment beds



Timber uprights feature throughout the scheme



New orchard tree planting



Cyclepods, Minipod with canopy allows for covered bike and scooter shelters.

Notes

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This drawing is to be read as part of a full Landscape Drawing Package in conjunction with all the relevant surveys alongside the Architectural and Engineers drawings.
Only figured dimensions are to be taken from this drawing. Dimensions should not be scaled from this drawing, as scaling of this drawing cannot be assured.
All dimensions are to millimetres unless specified otherwise.
All contractors must visit the site and be responsible for taking and checking all dimensions, services and setting out related to the works shown on this drawing.
All coordinates are set to dimensional points to enable easy cross referencing on site.
All setting out points are to be verified on site and any discrepancies should be clarified by the Landscape Architect.
Hatching is not a technical representation of surface patterns, contractors are to follow the line of direction specified on drawings. Where no line of direction is given contractor to contact Landscape Architect before laying. All levels should be checked on site and conflicts reported to the design office.

...if in doubt ask

Surfacing Strategy

- Pedestrian tarmac : porous tarmac
- Vehicular tarmac : porous tarmac
- Paved seating area : hydropave, buff colour
- Loose bark mulch
- Artificial grass
- Grass areas
- Planting :
 - Single species hedging - Fagus sylvatica or Griselinia littoralis 'variegata'
 - Low maintenance shrub and herbaceous borders - Choisya ternata, Phormium 'Sundowner', Viburnum plicatum, Viburnum bodnantense, Liriodendron muscari and Berberis cordifolia.
- Long grass/ meadow areas :
 - Emongate EM3 Special General Purpose Meadow Mix

Parking and Cycle Provision:

Parking : 20 parking spaces, with 2 of these of DDA which have been located nearest the main entrance.

Cycling : the scheme includes -
- 10 spaces on metal cycle hoops, located near the entrance for staff
- 24 bike spaces in the cycle pods (these can be used by adult and children's bikes)
- 24 scooter spaces in the cycle pods

3	RF	GO	170317	Building relocated 1m and DDA spaces realigned
2	RF	GO	170313	Planning Issue
1	RF	GO	170302	Amendments and annotations to carpark
Rev	Drawn	Checked	Date	Description

FOR PLANNING

RYDER
LANDSCAPE CONSULTANTS

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www.ryderlandscape.co.uk Company Registration no: 6065464

Client:

David Miller Architects

Project:

The Heights Primary School

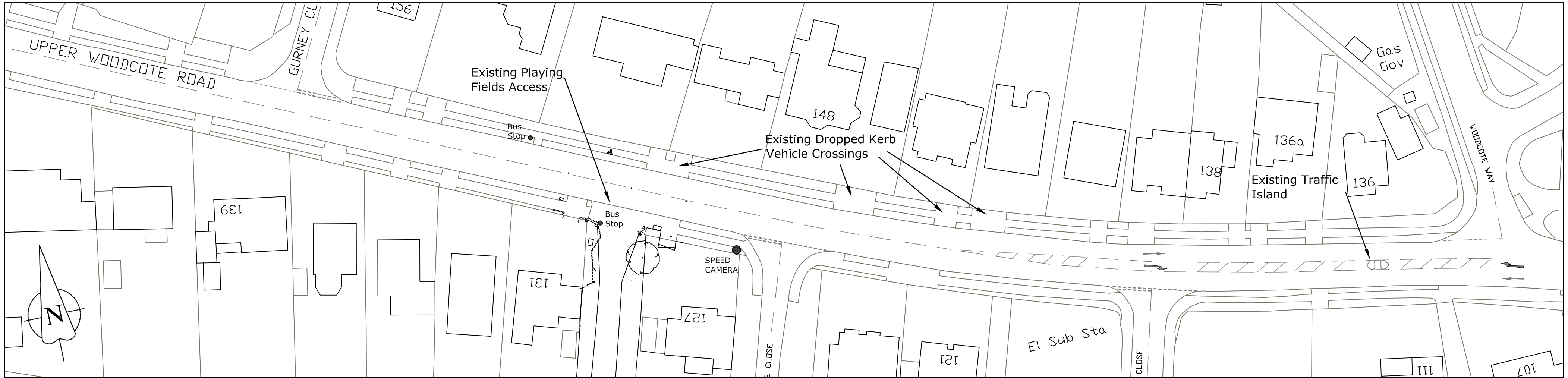
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School Landscape Plan

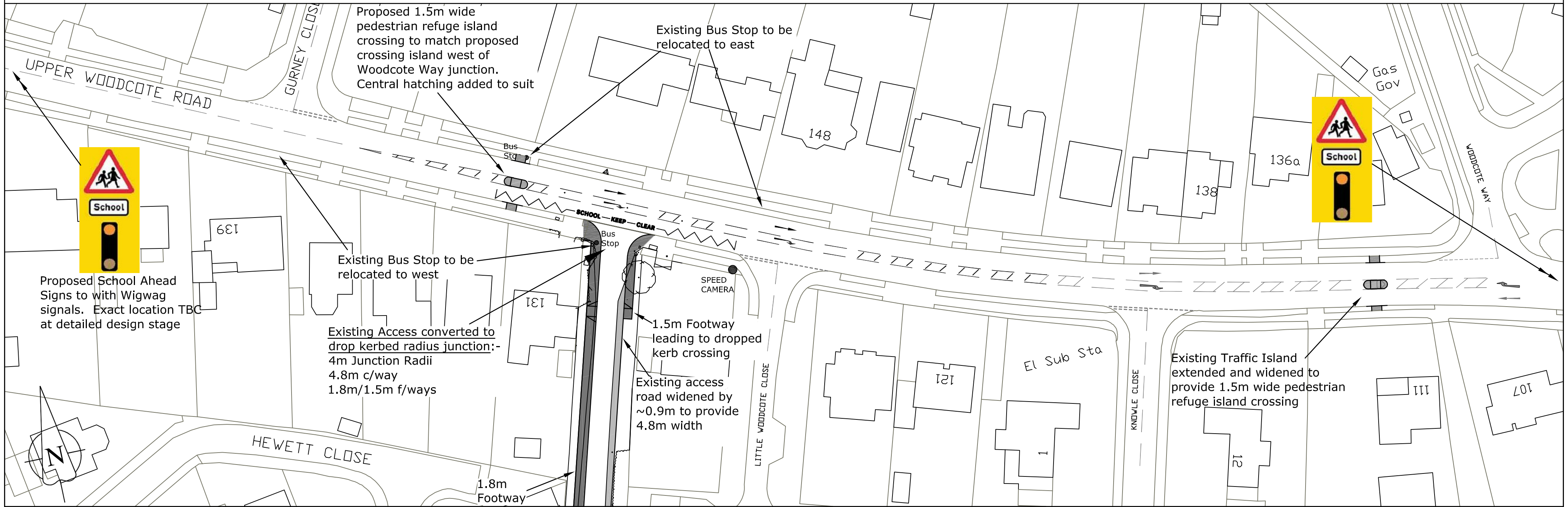
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Checked By:	GO	Date:	06.02.17
Drawing Scale:	1 : 200	Sheet Size:	A1
Drawing No:	HPS-RYD-XX-XX-DR-L-0001	Status:	P
		Rev.	3

Appendix 6

Proposed Highway Improvements – Upper Woodcote Road



EXISTING HIGHWAY LAYOUT



PROPOSED HIGHWAY LAYOUT

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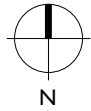
THE HEIGHTS PRIMARY SCHOOL, MAPLEDURHAM PLAYING FIELDS, CAVERSHAM, READING
Existing & Proposed Highway Layout - Upper Woodcote Road
1:500@A2

Fig

SK50

Appendix 7

Access Road & Playing Field Car Park Improvements Plan



Entrance off Upper Woodcote Road to be amended to accommodate 1.8m footway. Refer to MLM drawing suite for details

New timber fence with maintenance gate prevents access to the remaining parcel of land to the north of the school site.

Existing access road widened by 0.9m to provide a 4.8m width. Refer to MLM drawing suite for details.

Please refer to MLM Consulting Highways Drawing Package for details on access road, car park and transport strategy.

School Building

Existing Pavilion

Tennis Courts

Mapledurhum Playing Fields

Mitigation Tree Planting:

The scheme requires the clearance of a group of trees along the Site's western boundary. Within ADAS Tree Quality and Constraints Report (January 2016) the assessment classify's this group of trees (G147, T152, 151, 145 & 146) as Category C - Low quality.

Although these trees are not valued within the Tree Quality and Constraints Report this scheme recognises the visual value of this group of trees. This block of trees provide a green edge to the Mapledurhum Playing Fields and a visual buffer between the playing field and Hewett Avenue.

To accommodate a new school and playground in this area the landscape design proposes to remove this group of low quality trees and replace with better quality, compensation tree planting.

Planting Strategy:

The new planting looks to recreate a green buffer along the western boundary whilst introducing feature trees that will compliment the contextual character of the Mapledurhum Playing Fields.

- Trees to be removed :
Refer to ADAS Tree Quality and Constraints Report (Jan 2016) for assessment details.
- Proposed small ornamental tree :
Chosen for neat canopies where space is limited and smart approach to the building is desired, (Pyrus calleryana 'Chanticleer')
- Proposed fastigate feature tree :
Chosen to replicate the columnar form of the Poplar trees within the wider park (Fagus sylvatica 'Dawyck')
- Proposed orchard trees :
Chosen for interest in the Reception and Yr1 playground (Malus hupehensis)
- Proposed large feature tree :
Chosen for its seasonal colour and canopy size (Liquidamber styraciflua)
- Proposed small/medium tree mix :
A variety of canopy sizes and growth rates chosen to recreate a green boundary to the Site with parkland qualities. (Prunus sargentii, Betula ermanii, Sorbus torminalis, Pinus nigra and Acer platanoides 'Emerald Queen')



Fagus sylvatica 'Dawyck'



Liquidamber styraciflua



Pyrus calleryana 'Chanticleer'

Boundary Treatment Strategy:

To comply with Secure By Design the new school site will be enclosed and secured with 1.8m high welded mesh fence. This has been designed so that community use of the Multi-use Games Area can occur outside of school hours with separate access which does not impinge the security of the school site.

Elsewhere the grounds are divided in to play spaces with internal delineation fencing.

- Boundary Fence : Secure by Design 1.8m high welded mesh fence
- Internal Fence : 1.1m high bowtop fencing
- Timber Fence : 1.1m high timber post and rail



Welded mesh black fence



Bowtop fence

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1	RF	GO	170313	Planning Issue
Rev	Drawn	Checked	Date	Description

FOR PLANNING



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Drawing Title:

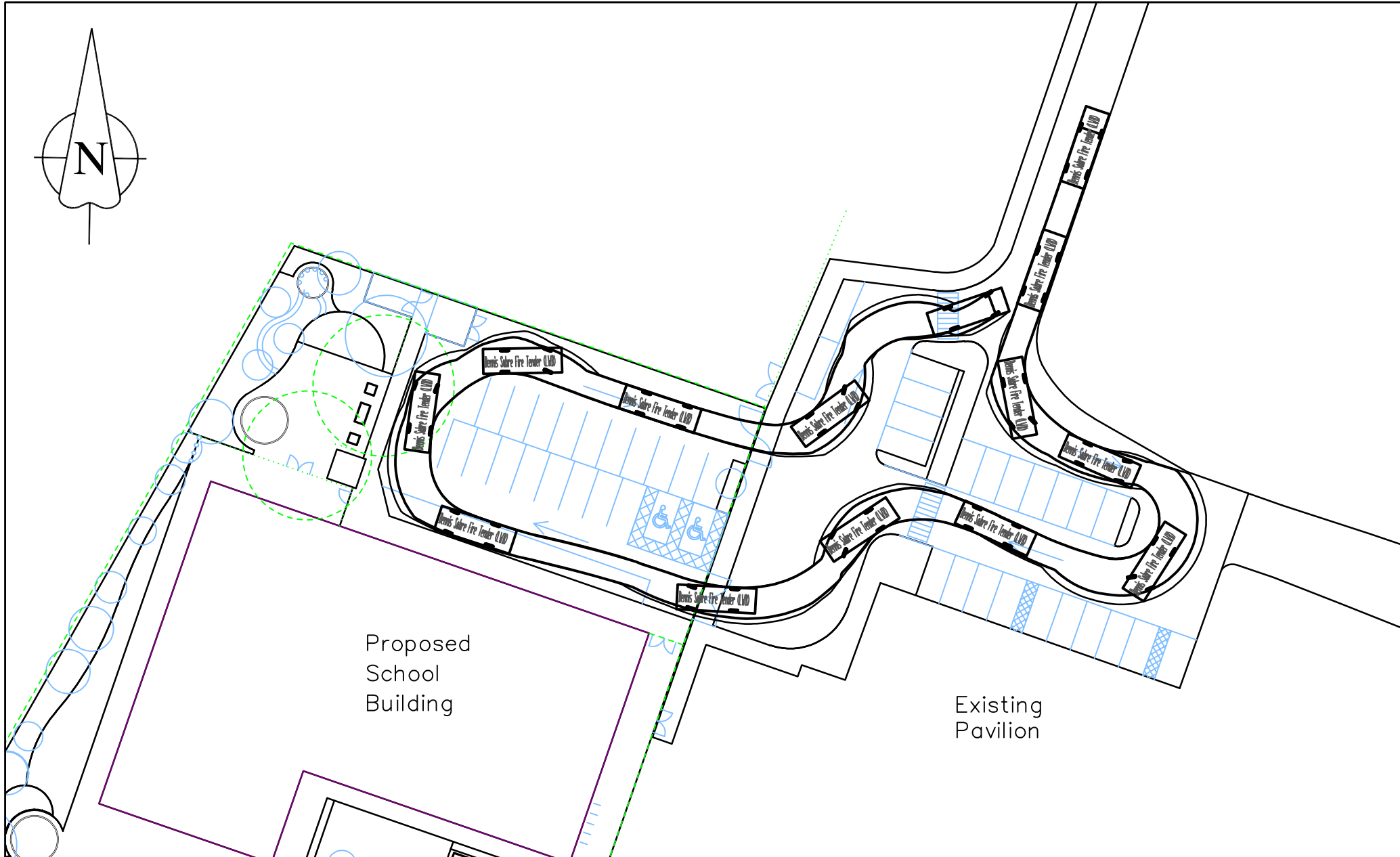
Wider Landscape Context Plan

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Checked By:	GO	Date:	170313
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		Rev.	2

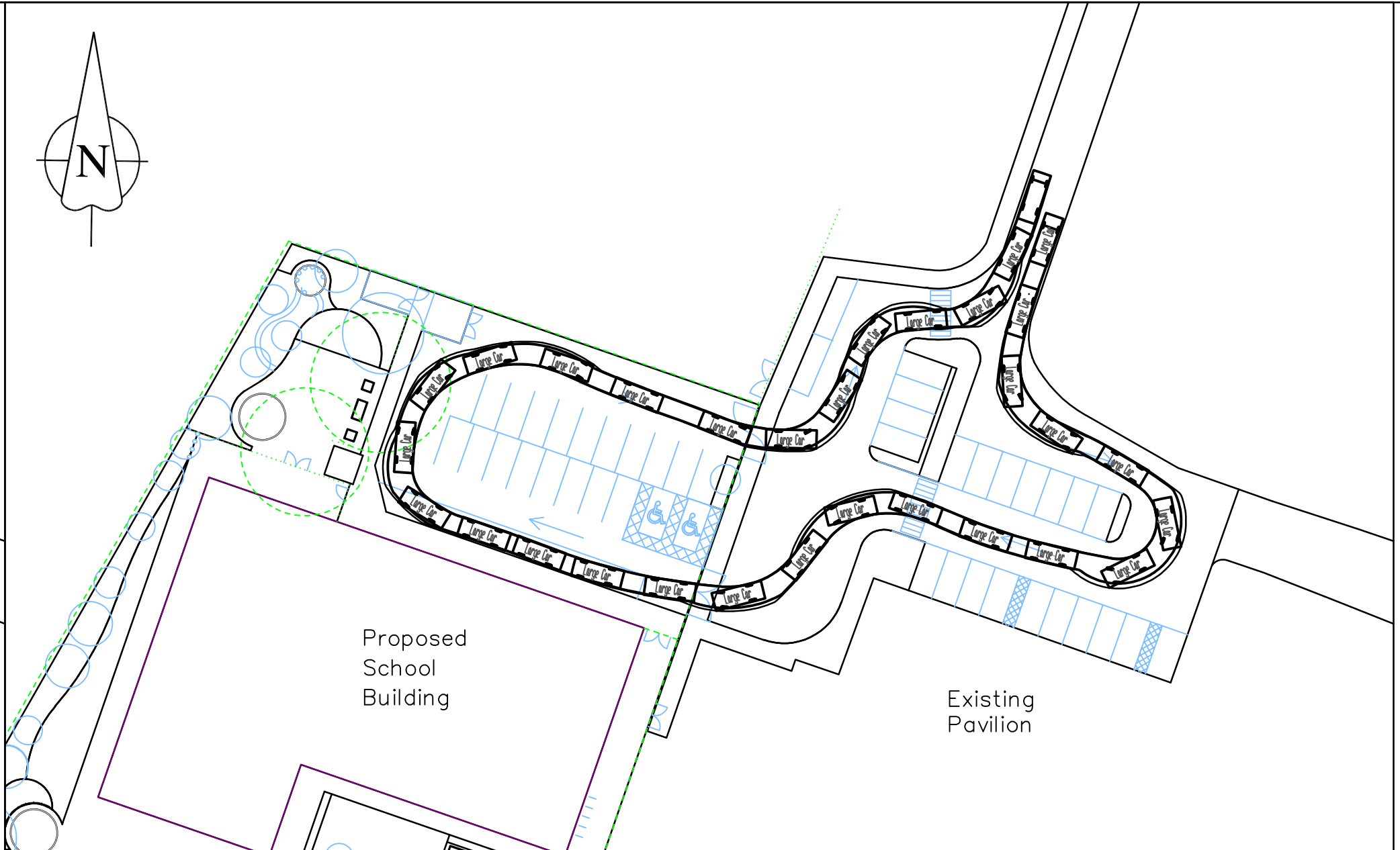
Appendix 8

Vehicle Swept Paths

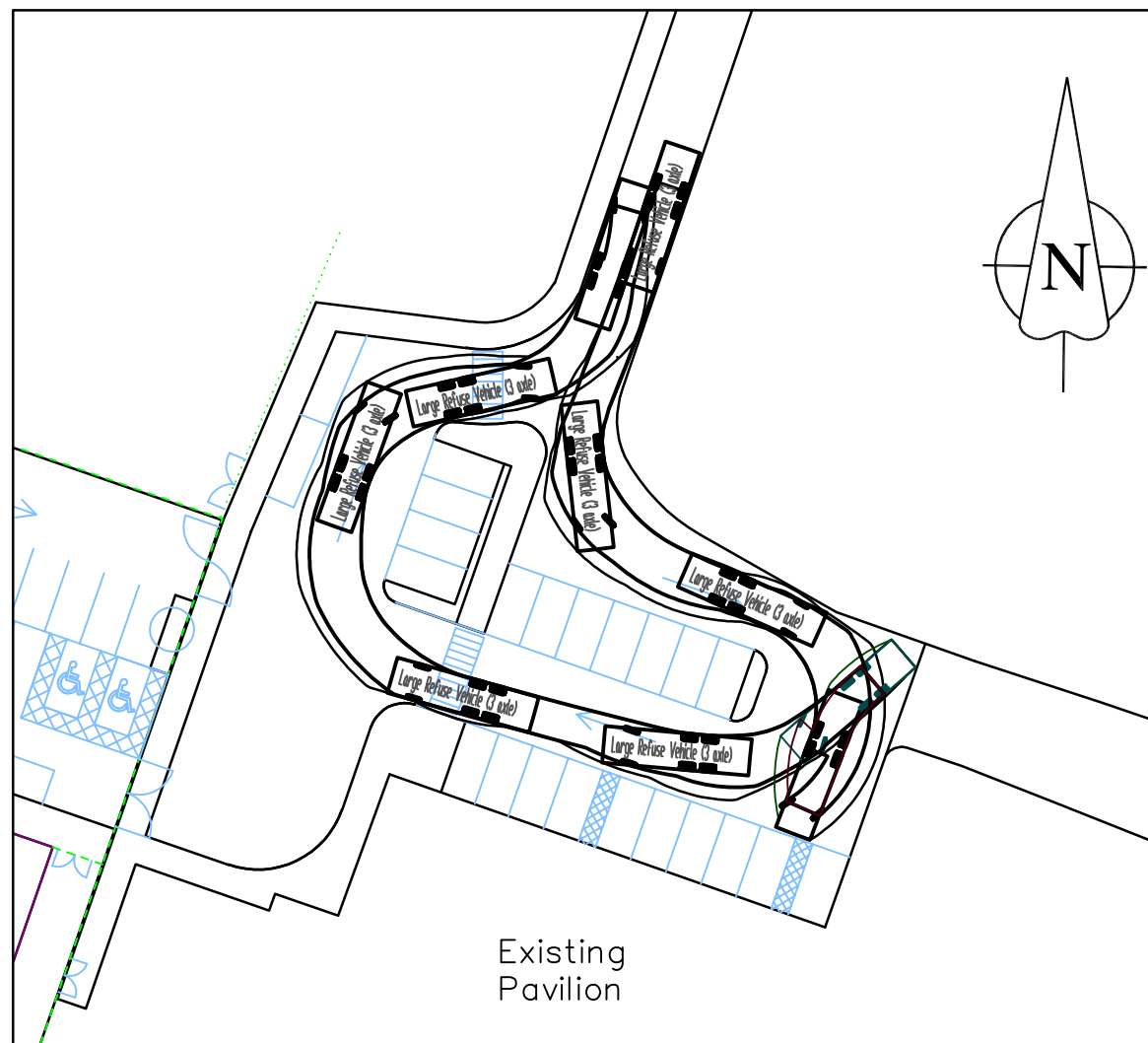
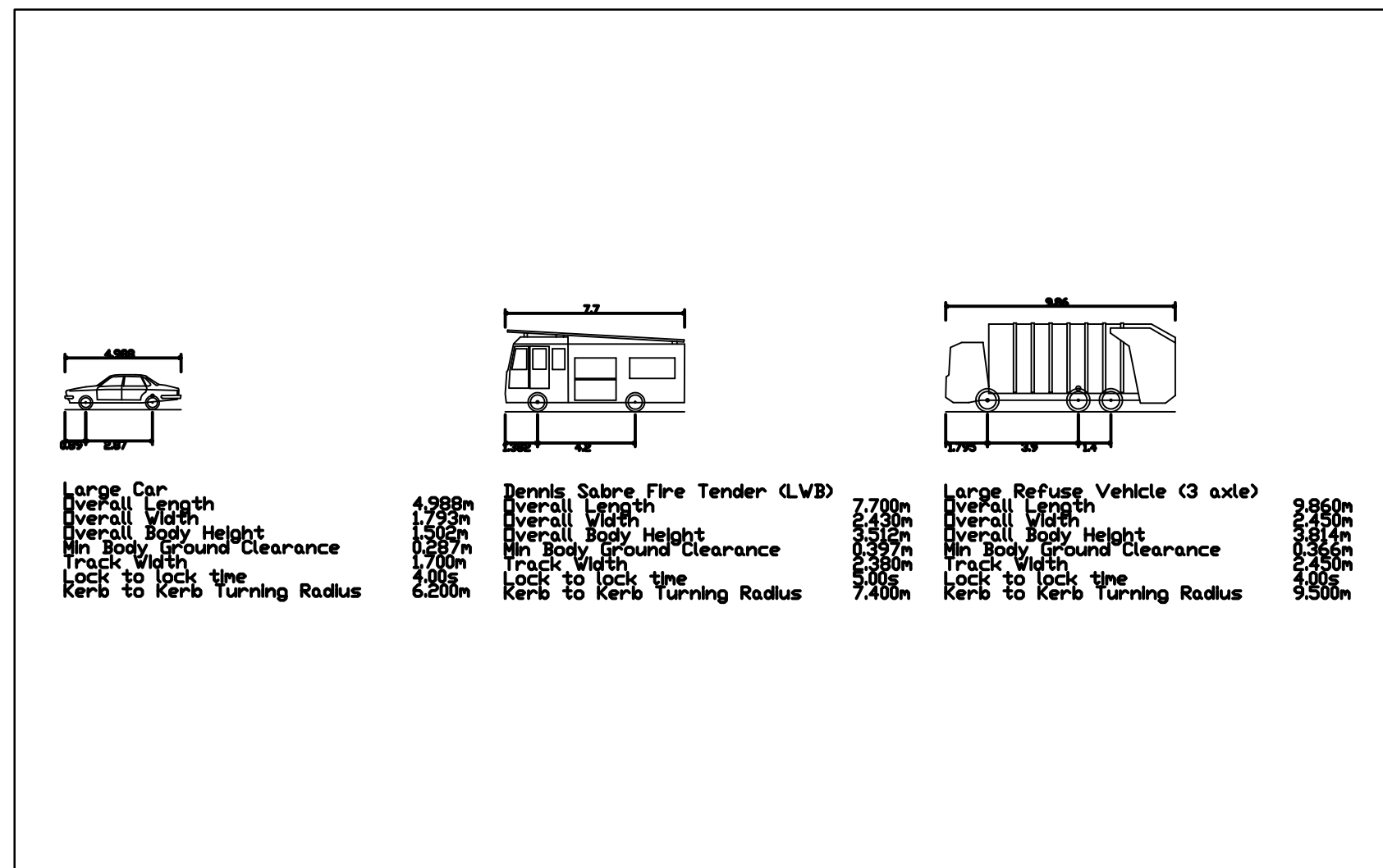
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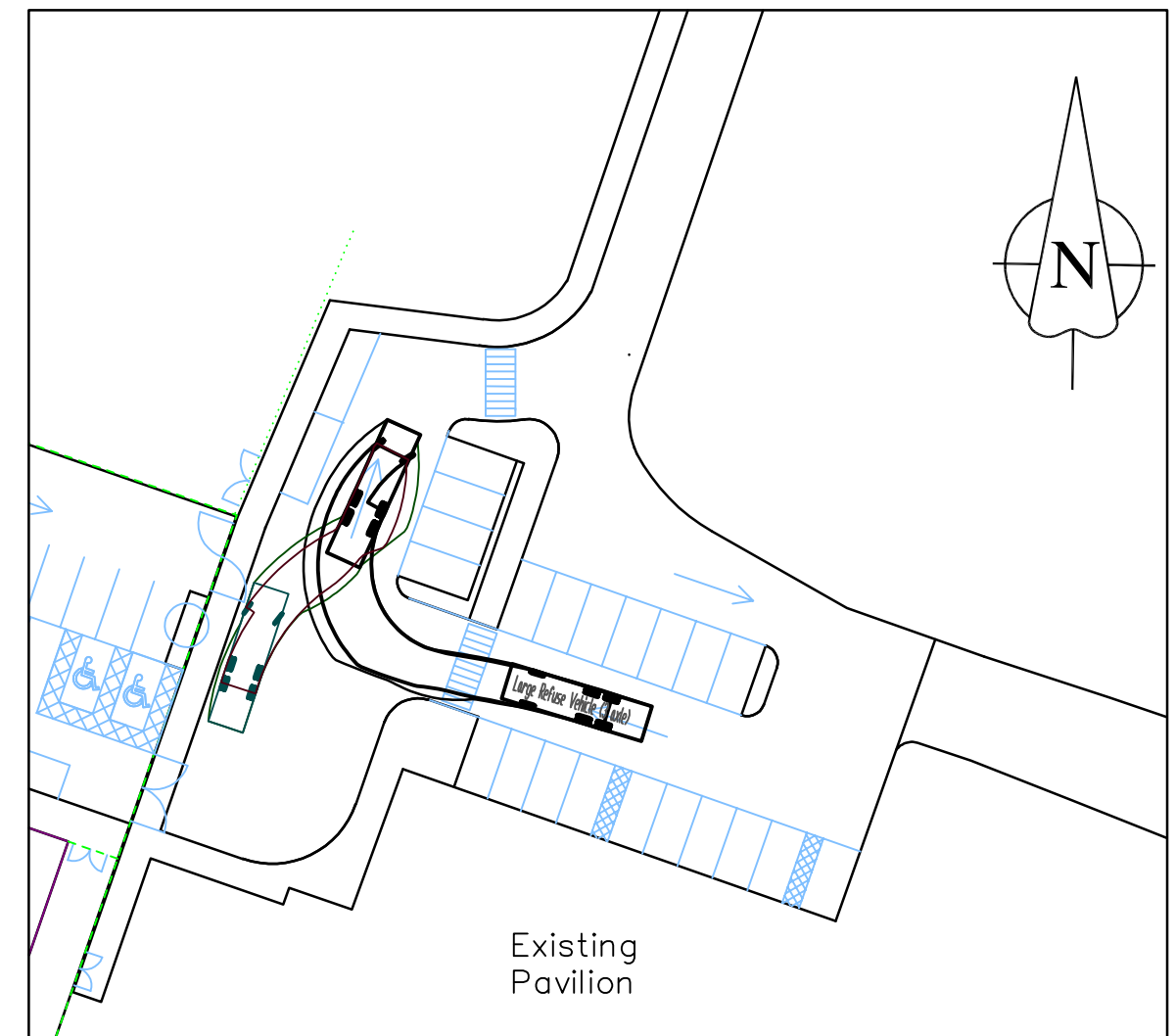
LWB FIRE TENDER ENTERING PLAYING FIELDS CAR PARK AND PASSING THROUGH SCHOOL STAFF CAR PARK BEFORE EXIT



LARGE CAR ENTERING PLAYING FIELDS CAR PARK AND PASSING THROUGH SCHOOL STAFF CAR PARK BEFORE EXIT



LARGE REFUSE VEHICLE ENTERING & LEAVING PLAYING FIELDS CAR PARK



LARGE REFUSE VEHICLE REVERSING TO SCHOOL SITE

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THE HEIGHTS PRIMARY SCHOOL, MAPLEDURHAM PLAYING FIELDS, CAVERSHAM, READING
VEHICLE SWEEP PATHS
1:500@A2

Fig

App 8

Appendix 9

School Travel Survey Data

								December 2016 - Pupil Travel Survey													
	Current Mode of Travel to/from Gosbrook Rd site								Future Mode of Travel to/from proposed MPF Site												
Names Removed	Bus	Car Share	Car/Van	Cycle	Taxi	Train	Walk	Comments	Bus	Car Share	Car/Van	Cycle	Taxi	Train	Walk	Comments					
Pupil 1			x					Part walk							x						
Pupil 2							x		x												
Pupil 3			x												x						
Pupil 4			x												x						
Pupil 5		x								x											
Pupil 6																					
Pupil 7																					
Pupil 8		x													x						
Pupil 9																					
Pupil 10																					
Pupil 11																					
Pupil 12			x								x					Part walk					
Pupil 13				x								x				Sometimes walk					
Pupil 14																					
Pupil 15			x								x										
Pupil 16			x					Part walk							x						
Pupil 17			x					Part walk							x						
Pupil 18			x					Part walk							x						
Pupil 19			x												x						
Pupil 20																					
Pupil 21																					
Pupil 22		x	x								x										
Pupil 23		x						Park Waitrose and walk							x						
Pupil 24			x				x		x		x	x									
Pupil 25			x												x	Walk 3 days and car 2 days					
Pupil 26			x												x						
Pupil 27			x								x										
Pupil 28		x													x						
Pupil 29		x						Park walk							x						
Pupil 30			x					Park walk							x						
Pupil 31																					
Pupil 32			x					Part walk							x						
Pupil 33			x	x											x						
Pupil 34			x												x						
Pupil 35																					
Pupil 36			x									x									
Pupil 37																					
Pupil 38																					
Pupil 39							x								x						
Pupil 40			x												x						
Pupil 41			x												x						
Pupil 42			x								x										
Pupil 43		x						Part walk							x	3 days week					
Pupil 44		x						Part walk							x	3 days week					
Pupil 45		x						Part walk							x	3 days week					
Pupil 46																					
Pupil 47			x								x										
Pupil 48	x							Part walk													
Pupil 49			x					Part walk							x						
Pupil 50																					
Pupil 51							x								x						
Pupil 52			x												x						
Pupil 53																					
Pupil 54			x					Part walk							x						
Pupil 55			x												x						
Pupil 56							x				x					Part walk					
Pupil 57			x								x										
Pupil 58			x												x						
Pupil 59				x								x									
Pupil 60				x								x									
Pupil 61			x												x						
Pupil 62			x					Part wak/cycle	x		x										
Pupil 63			x				x				x				x						
Pupil 64							x								x						
Pupil 65			x					Part walk							x						
Pupil 66			x					Part walk							x						
Pupil 67																					
Pupil 68			x												x						
Pupil 69							x				x										
Pupil 70	x		x	x			x								x						
Pupil 71																					
Pupil 72																					
Pupil 73			x								x										
Pupil 74							x								x						
Pupil 75			x												x						
Pupil 76			x					Part Walk							x						
Pupil 77																					
Pupil 78							x	3 days							x						
Pupil 79																					
Pupil 80			x												x						
Pupil 81			x								x										
Pupil 82			x					Part walk							x						
Pupil 83			x									x			x						
Pupil 84							x								x						
Pupil 85							x								x						
Pupil 86			x												x						
Pupil 87		x						Part Walk							x						
Pupil 88																					
Pupil 89							x								x						
Pupil 90			x									x									
Pupil 91																					
Pupil 92			x												x						
Pupil 93			x					Part walk							x						

Pupil 94			x					Part walk								x	
Pupil 95							x					x				x	
Pupil 96																	
Pupil 97			x								x						Part walk
Pupil 98							x	Scooter				x					
Pupil 99			x								x						Part walk
Pupil 100																	
Pupil 101																	
Pupil 102			x								x						
Pupil 103			x				x									x	
Pupil 104			x					Drive to Southview and walk								x	
Pupil 105			x													x	
Pupil 106			x													x	
Pupil 107			x					Part walk								x	
Pupil 108	x		x							x						x	
Pupil 109			x					Part walk								x	
Pupil 110			x								x					x	
Pupil 111																	
Pupil 112			x													x	
Pupil 113							x									x	
Pupil 114			x					Part walk				x					
Pupil 115			x					Part walk				x					
Pupil 116																	
Pupil 117			x													x	
Pupil 118			x													x	
Pupil 119																	
Pupil 120			x					Part walk								x	
Pupil 121																	
Pupil 122							x									x	
Pupil 123			x					Part walk								x	
Pupil 124			x													x	
Pupil 125				x												x	
Pupil 126	x		x													x	
Pupil 127																	
Pupil 128																	
Pupil 129			x					Partwalk				x					Sometimes walk
Pupil 130			x					Part walk				x					Sometimes walk
Pupil 131			x								x						
Pupil 132							x									x	
Pupil 133			x					Part walk			x						
Pupil 134			x													x	
Pupil 135			x					Part walk								x	
Pupil 136			x					Part walk								x	
Pupil 137																	
Pupil 138			x								x						
Pupil 139			x					Teacher - resources to carry			x						Teacher - resources to carry
Pupil 140	x		x	x							x	x				x	
Pupil 141				x			x					x				x	
Pupil 142																	
Pupil 143			x					Part walk								x	
Pupil 144			x					Part walk								x	
Pupil 145			x													x	
Pupil 146							x				x						Part walk
Pupil 147			x					Part walk								x	
Pupil 148			x													x	
Pupil 149			x					Part walk								x	
Pupil 150			x					Part walk								x	
Pupil 151			x													x	
Pupil 152			x													x	
Pupil 153			x					Part walk			x						
Pupil 154			x													x	
Pupil 155																	
Pupil 156			x								x						
Pupil 157			x								x						
Pupil 158																	
Pupil 159							x									xx	
Pupil 160			x													x	
Pupil 161				x			x			x		x					
Pupil 162				x			x			x		x					
Pupil 163																	
Pupil 164							x									x	
Pupil 165																	
Pupil 166							x									x	
Pupil 167			x													x	
Pupil 168							x									x	

December 2016 - Staff Travel Survey

	Current Mode of Travel to/from Gosbrook Rd site								Future Mode of Travel to/from proposed MPF Site							
	Bus	Car Share	Car/Van	Cycle	Taxi	Train	Walk	Comments	Bus	Car Share	Car/Van	Cycle	Taxi	Train	Walk	Comments
VH			x								x	x				
SP				x			x								x	
AL				x			x				x					
CPF			x								x					
AH			x				x				x					
RB			x								x					
PC			x												x	
PK	x								x							
KE			x	x							x	x				
TM			x								x					
AM			x								x					
SB			x												x	
ES			x								x				x	
KW			x												x	
AOD			x												x	
ED							x								x	
SR			x								x					
HK			x								x					
DK			x								x					
CH							x					x				
CK			x									x			x	
RN			x								x					
AM			x												x	
JB	x								x							
RR	x								x							
CJ							x		x							
KH			x								x					
EF			x												x	
JJ	x								x							
SA	x								x							
AA	x								x							