

Appendix 2: Car and cycle parking provision per residential unit

	Footstreet Zone		York City Centre (walled city)		Rest of District	
Type of Unit	Car	Cycle	Car	Cycle	Car	Cycle
1 to 2	0	1	1	1(c)	1	1(c)
bedroom						
3 to 4	0	2	2	2(c)	2	2(c)
bedroom						
5 or more	0	2	3	2(c)	3	2(c)
bedrooms						
Retirement	-	1	1	1-per2	1	1per2
Homes over						
55yrs						
Retirement	-	-	1per2	-	1per2	-
Homes over						
65yrs						
Visitor			1 in 4	1 per 10	1 per 4	1 per10
Provision	-	-	1 111 4	i per io	i pei 4	i perio
1 10 13 10 11						
HMO/bedsits	0	1	1 per 3	1	1 per 2	1
Student	0	1	1 per 5*	1	1 per 5*	1
Accommodat						
ion						
Sheltered	0	1 per 2*	1 per 4	1 per 2 **	1 per ***	1 per 2
Housing			***			
Flats over	0	1(c)	0	1(c)	1	1(c)
shops						
Moored	0	0	1	1	1	1
Houseboats						

^{*} plus 2 if resident warden

** plus 1 per 2 for staff

*** plus 2 if resident warden + 1 space per 2 for non residential staff.

(C) covered and secure space.

Appendix 3: Approved planting - For use in residential highway verges

SCHEDULE OF SHRUBS		
Botanical Name	Common Name	Height(m)
Berberis candidula	Barberry Family	0.5
Berberis thunbergii		0.5
"Atropurpuren Nana"		
Calluna (in variety)	Ling	0.5
Ceanothus prostratus		0.5
Cornus canadensis	creeping Dogwood	0.3
Cotoneaster dammeri	Cotoneaster Family	0.5
Cotoneaster horizontalis		0.5
Cotoneaster microphyllus		
Cotoneaster salicifolius		0.5
"Repens"		
Cotoneaster "Skogholm"		0.5
Cyistus x beanii	Broom Family	0.3
Cytisus x kewensis		0.5
Erica (in variety)	Heather	0.5
Euonymus fortunei		0.5
"Radicans" (in variety)		
Gaultheria srocumbens	Checkerberry	0.3
Genista sydia		0.5
Genista hispanica	Spanish Gorse	0.5
Hebe albicans	Shrubby Veronica	0.5
	Family	
Hebe armistrongii		0.5
Hebe "Carl Teschner"		0.5
Hebe pinguifolia "Pagei"		0.3
Hedera canariensis (in	Canary Island Ivy	0.3
variety)		
Hypericum calycinum	Rose of Sharon	0.5
Juniperus communis	Juniper Family	0.5
"Honrbrookii"		
Juniperus horizontalis		
Lavandula spica "Hidcote"	Lavender	0.5
Pachusandra terminalis		0.5
Rosa "Max Graf"		0.5
Vinca major (in variety)	Greater Periwinkle	0.3
Vinca minor (in variety)	Lesser Periwinkle	0.3

Appendix 3: Suggested trees for planting in residential highway verges

NARROW VERGES up to 3m wide				
Botanical name	Common name			
Betula pendula	(Silver Birch)			
Crategus	(Hawthorn)			
Prunus padus	(Bird Cherry)			
Prunus Avian	(Gean)			
Sorbus aucuparia	(Rowan)			

WIDE VERGES up to 6m wide			
Botanical name	Common name		
Acer Lobelii	(Lobel's Maple)		
Alnus cordata	(Italian Alder)		
Tilia euchlora	(Lime)		

Appendix 4: Safety audit checklist 4

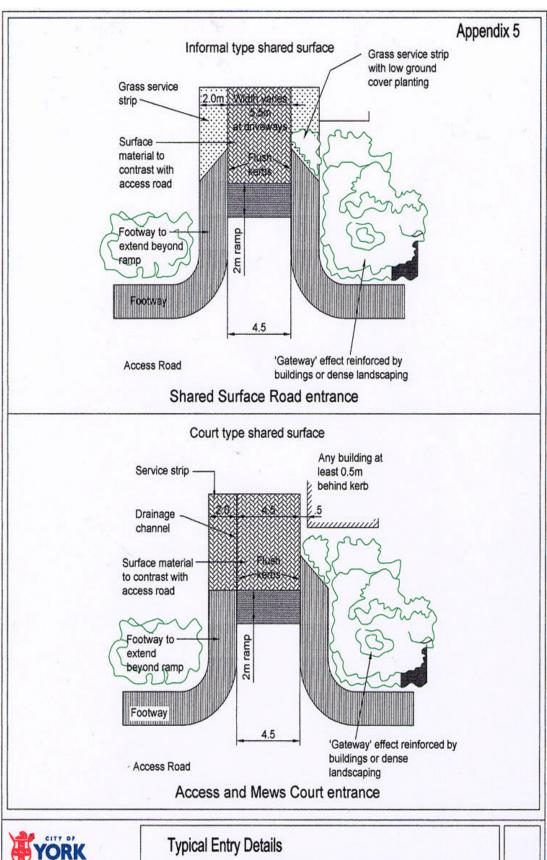
Development Proposals	
Scheme Name	
Audit Carried out by:	Date

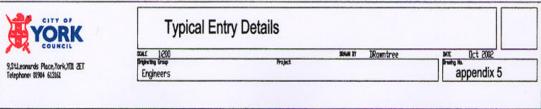
For detailed proposals access to the existing highway should be referenced to the appropriate junction type checklists, as set out nos. 3 (i) to 3 (v) The more general items in the checklist below may be used where

appropriate to the development proposed.

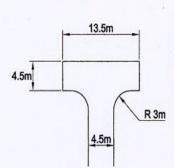
Item	Description	Satisfactory	Query	Comments
No.	-	-		
1	Horizontal Alignment Is visibility satisfactory at proposed access Are curve radii and forward visibility satisfactory? Are verge widths satisfactory?			
2	Vertical Alignment Are gradients satisfactory? Are sight and stopping distances maintained?			
3	Parking Provision Is on site parking adequate to minimise on street parking and associated risks? Are parking areas conveniently located, with adequate turning facilities?			
4	Servicing Facilities Are off street loading/unloading areas provided? Are there turning facilities for large vehicles?			

	Is emergency vehicles access provided for?		
5	Landscaping Does landscaping affect visibility at junctions, bends or accesses? As tree planting proposed where vehicles are most likely to run off road?		
6	Traffic Signs Have necessary traffic signs and road markings been provided as part of development?		
7	Other Will there be area wide effects on other roads? Will design keep speeds down where necessary? Are number of accesses to busy roads minimised by layout? Are footways necessary and provided adequately? Are cycleways required? Is street lighting required/adequate? Are busy lay-bys and stops safely located? Are dropped crossings provided at preferred pedestrian route or crossing points? Is pedestrian guard rail provided where walkways join the highway? Other checks made at discretion of auditor or client.		

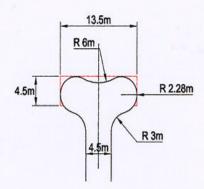


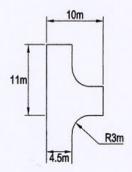


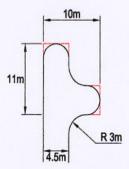
(i) Basic dimensions and layouts



(ii) Acceptable variations







Minor access ways

These examples show the minimum dimensions to allow the turning of a car as shown is Design Bulletin 32. Extra space or widening should be incorporated to provide at least one casual parking space.

Because of the small radii employed in these layouts statutory undertakers cannot general lay their services round them as is usual. Approval of the statutory undertakers must be sought and/or acceptable routes agreed for services.

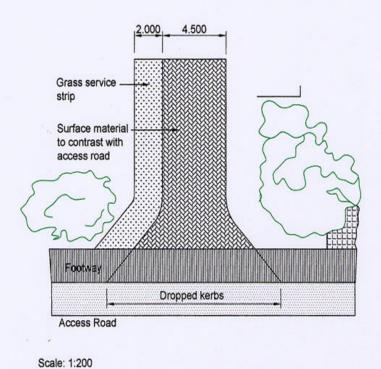


9,Stileonards Place,York,YIII 2ET Telephone: 81904 613161

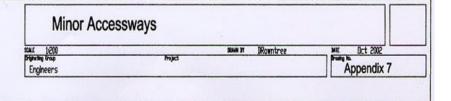
Turning heads - Minor Accessways

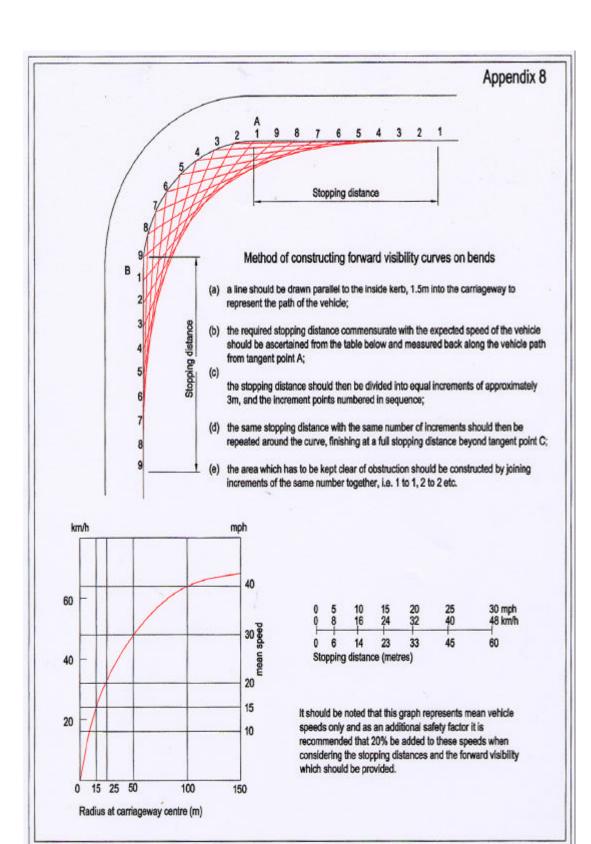
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MINOR ACCESS WAY 4.5 wide 25.0m long (max). Turning area suitable for cars only. Wheelie bin store for collection days. (23m max from main highway).

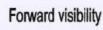




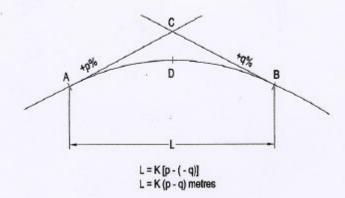


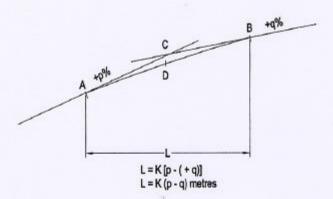


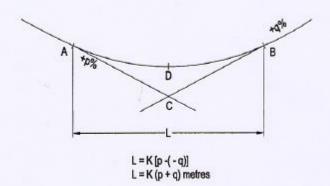




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Notes

- Levels at D = 0.25 (A+B+2C)
 K value can be obtained from Table for the particular design speed of the road.
- 3. A,B,C and D are levels



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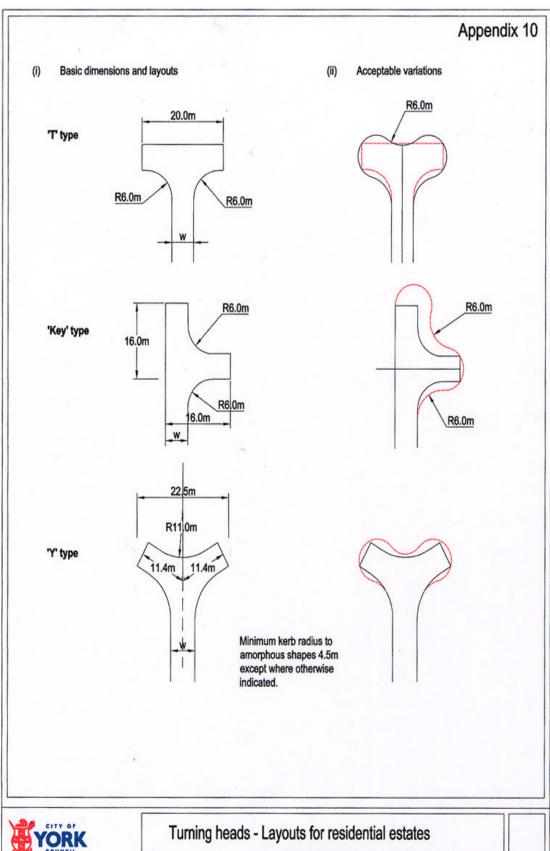
Vertical Curves

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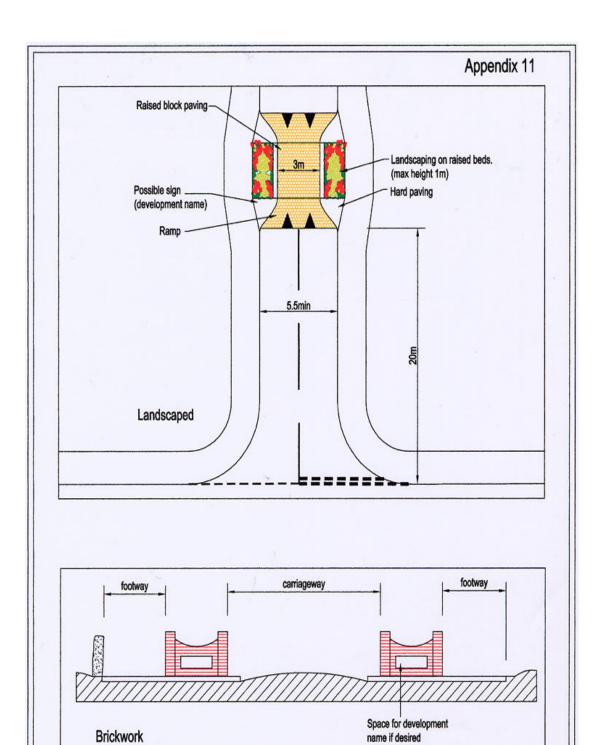
Appendix9



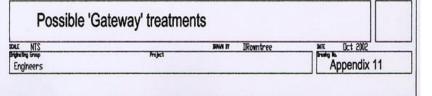


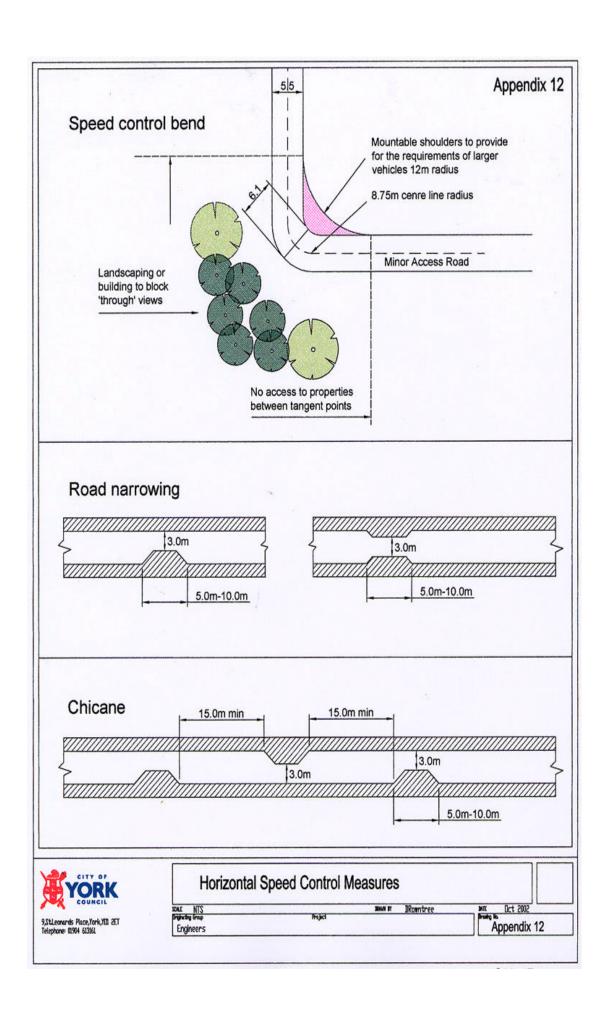
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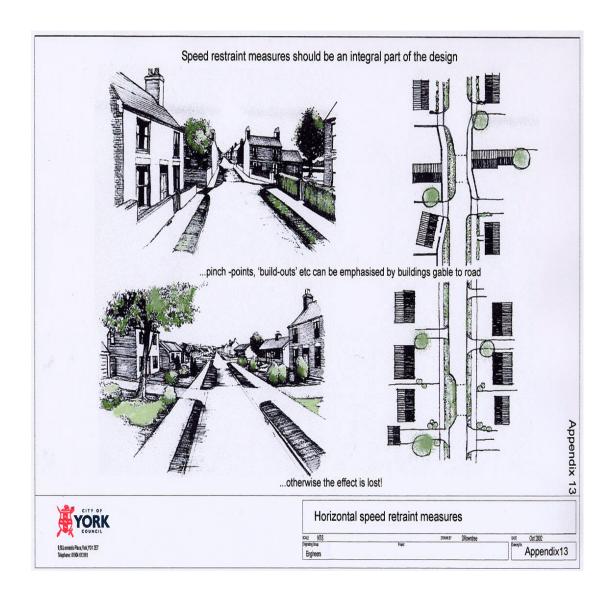
appendix10

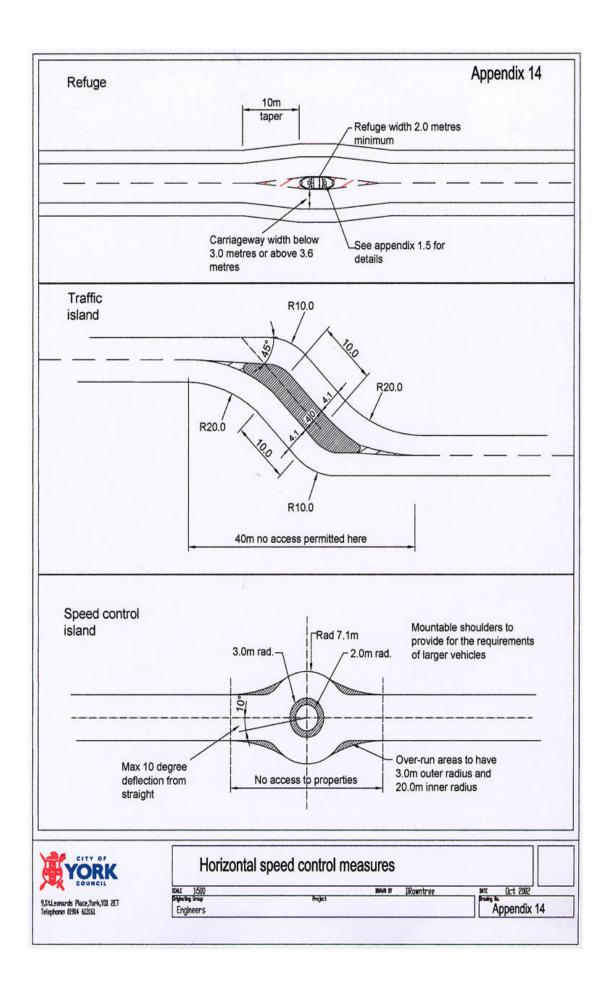


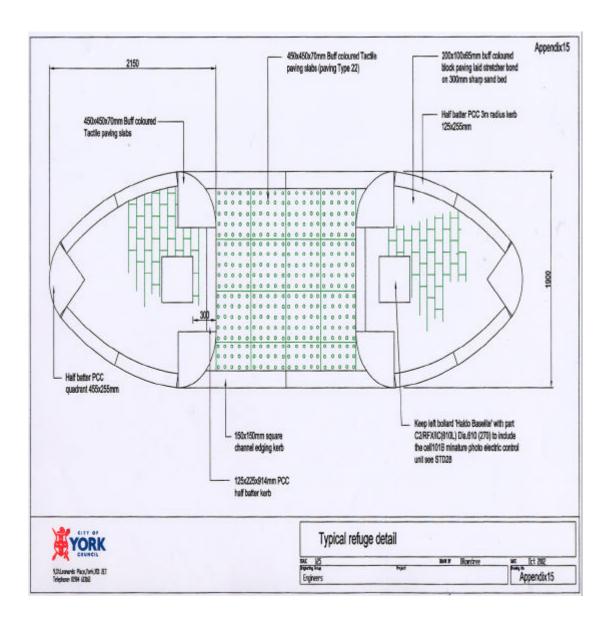


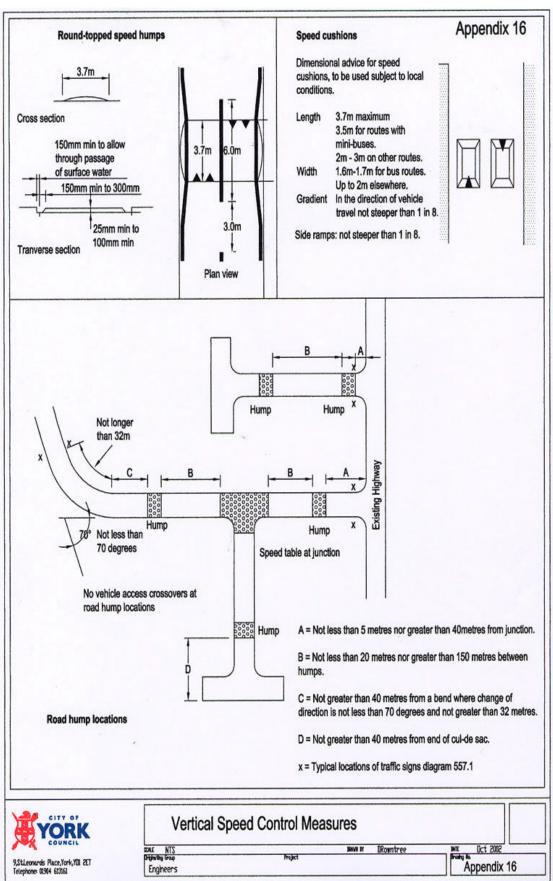


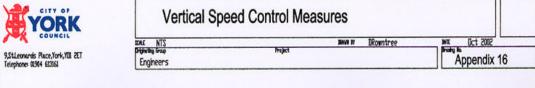


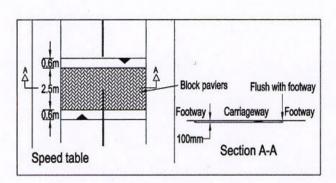


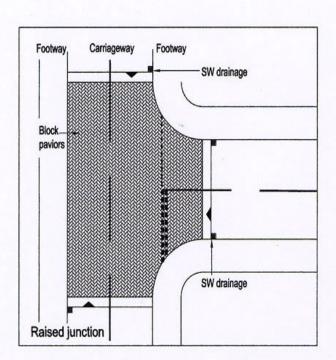








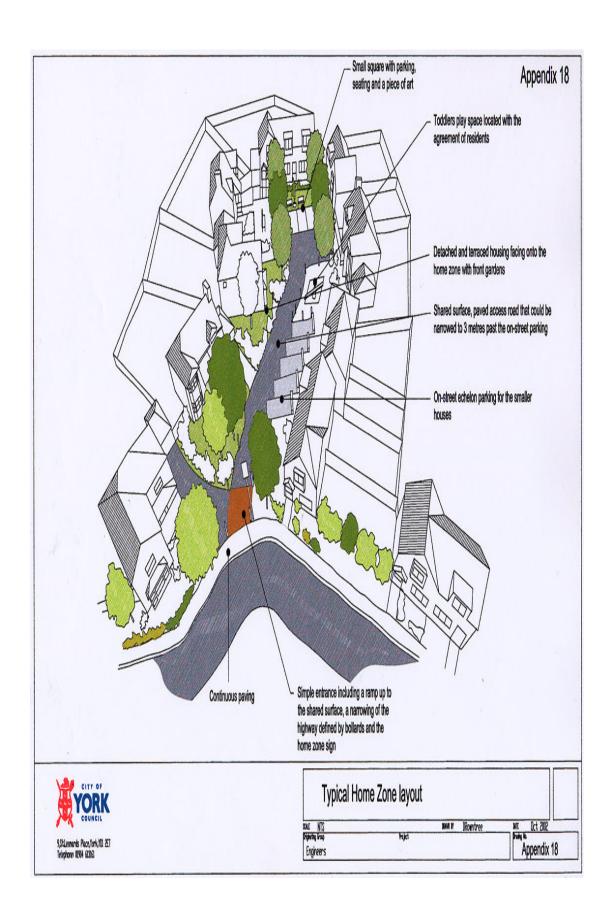




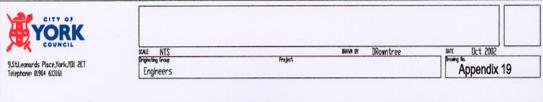


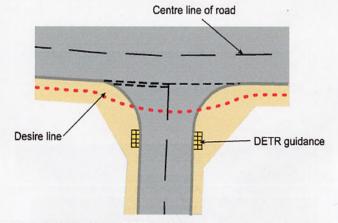
Vertical speed control measures

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Appendix 17

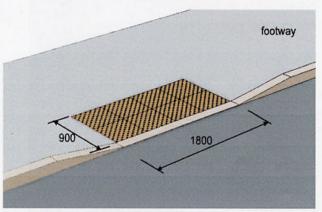


Appendix 19 Plan of vehicle crossing Edging kerb Footway ramped over part width 0.8m 2.0m Taper kerb HB2 kerb (125mm kerb-face) 3No. kerbs 25mm upstand Taper kerb Entry to private drives 1.8m 1.2m 1.2m Barrier 1200 high with contrasting colour 1.8m Staggered barrier layout for footpaths and footways BRAVA BY DROwntree Preject

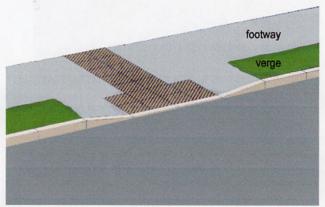




Pedestrian desire line and DETR guidance.

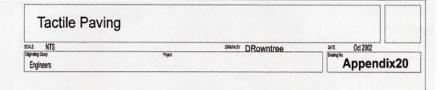


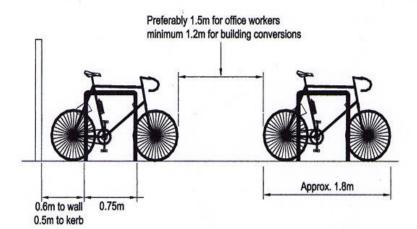
Standard detail



Tails to be provided where the crossing may be difficult to locate







0.7m min 1.1m prefered 0.9m min

Footprint of a stand-alone Sheffield Stand - 1.8m x 1m

Footprint of a Sheffield Stand adjacent to a wall or kerb - 1.8mx1.2m

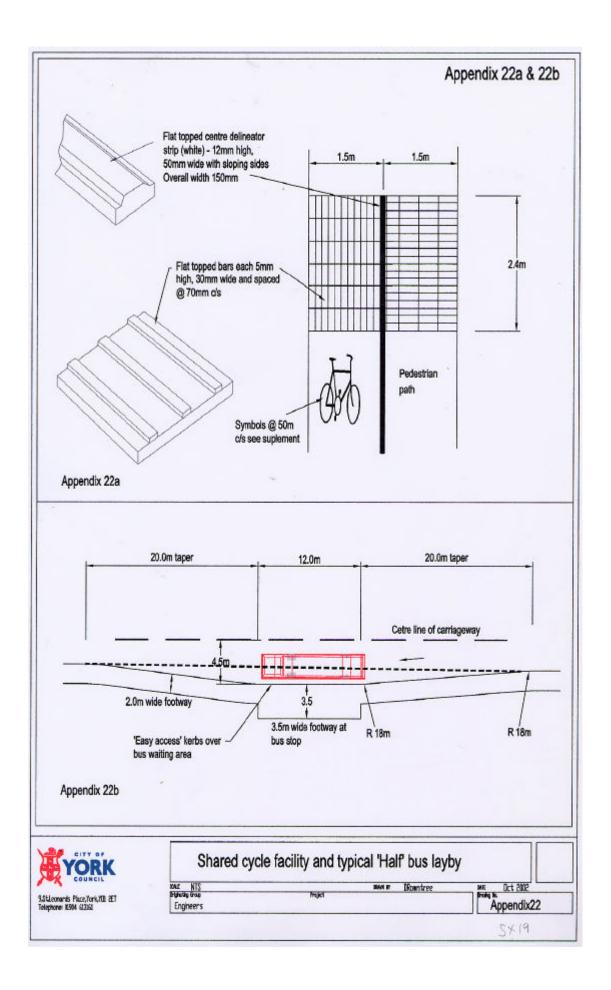
Footprint of a Sheffield Stand "Toast-rack" - 1.8m x (No. of stands x 1m)



Design Guidelines for Installation of Cycle Parking

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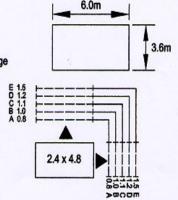
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Appendix 23 4.750 'Standard' car size 99% of all new cars will fit within the dimensions of a rectangle 4.75m x 1.8m 4.800 'Standard' Car parking space A minimum space of 4.8m x 2.4m is required for hardstandings, car ports 2.400 and the internal dimension of garages. The standard dimension of 4.8 x 2.4m must only be used as a general minimum (16ft, x 8ft) 4.800 **Basic Hardstanding** 0.3 For a 'standard car' excluding working space for individual plots. 2.400 0.8 5.100 Convertible hardstanding Basic Convertible car port Attached garage Detached garage 2.700 **Group hardstandings** (convertible to garages later) NOTES a. Dimensions of convertible hardstandings include allowance for wall thickness b. Slab dimensions are the absolute minimum for garages and larger sizes will be required to provide working space. c. Add from 0.6m in length x 1.0m in width to 1.5m in length and 1.5 m in width for working space. d. In special cases of garages or car ports for the semi-ambulant, see "Designing for the Disabled" by Selwyn Goldsmith RIBA 6.0m Car working space

For practical purposes "standard car" parking spaces need to be increased to accommodate working areas - e.g. for washing and storage

- A Working surface and minimum clearance
- B Door opening from dwelling
- C Washing and cleaning
- D Washing and storage space
- E As D, with space for kneeling



appendix23



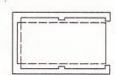
Car parking - Drives and hardstandings

Oct 2002 Engineers

Individual Garage

The MINIMUM internal size is 4.8m x 2.4m

THROUGH garages-with doors back and front are strongly recommended when this can give access for additional rear cutilage parking.

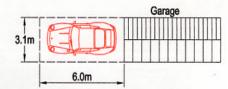


Appendix 24

Parking space in front of a garage.

Allow a minimum of 6m space for minimum working at rear, up and over door clearance at front.

This space MUST NOT lie within future highway limits.

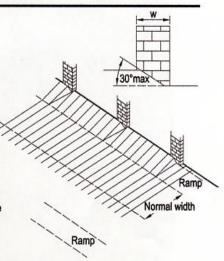


Grouped garages on sloping sites

Where garages are sited across contours they may need to be wider than normal to accommodate wider piers.

The maneuvering space in a garage forecourt will need to be wider than the minimum to accommodate a short ramp.

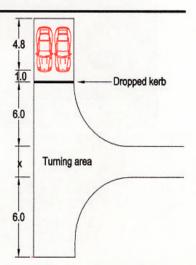
The length of a ramp and width of pier will depend on the slope of the forecourt.



Parking space abutting turning areas

Parking bays will need to be lengthened where they abut turning areas and provided with a dropped kerb to act as a distance stop.

This will enable large vehicles to turn properly. xxxroad width.



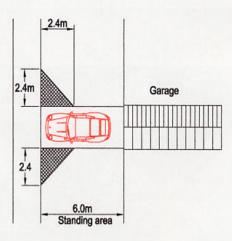


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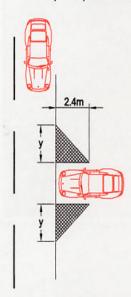
Car parking dimensional requirements - garages

Engineers IRS IRAM IT (Rountree Mrs Oct 2002 Printy No. appendix24

(i) Vehicle v. pedestrian - splays measuring 2.4m x 2.4m will be required.



(ii) Vehicle v. vehicle - The 'y' dimension will relate to the minimum stopping distance for the anticipated speed of oncoming vehicles in accordance with para. 9.10.2



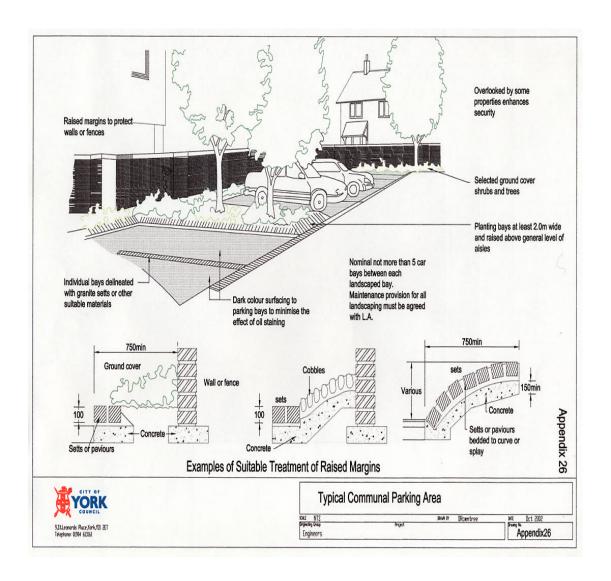
The shaded triangular areas must be kept clear of all obstructions exceeding 0.6m in height.



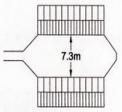
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Visibility	at	individual	accesses
Violomity	u	mairiadai	account

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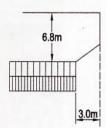


Maneuvering space between walls or garages min. 7.3m - up to 9.0m desirable to allow for opening lock up doors and cars parked outside.

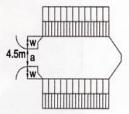


Maneuvering space between garage and opposite kerb - 6.8m

Maneuvering space at end of forecourt aisles - 3.0m



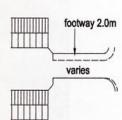
Garage forecourts need to be kept as visually unobtrusive as possible. The provision of screening by layout or by screen wings (w) may be required.



Accessway Widths to Garage Courts

Total spaces* Widths
(a) Up to 6 2.5m
(b) 7-16 4.5m
(c) Over 16 5.0m

*Garages and hardstandings for service vehicles to Mews areas 4.5m

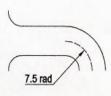


Radius

For access ways up to 16 spaces a minimum centre line radius of 7.5m

For access ways over 16 spaces radius to be designed for 10mph and forward visibility provided accordingly.

Washing area should be sited clear of the vehicular access and parking area.

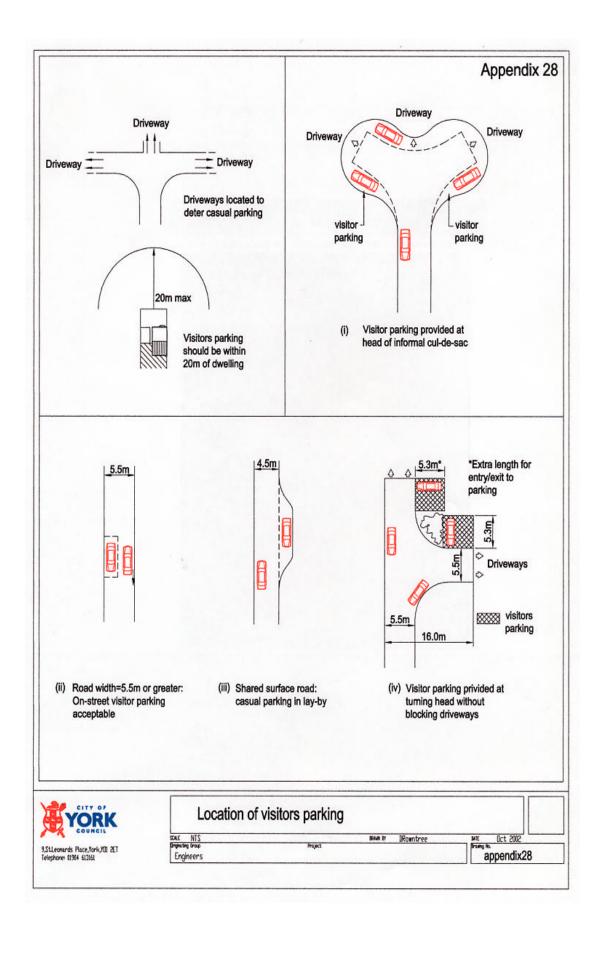


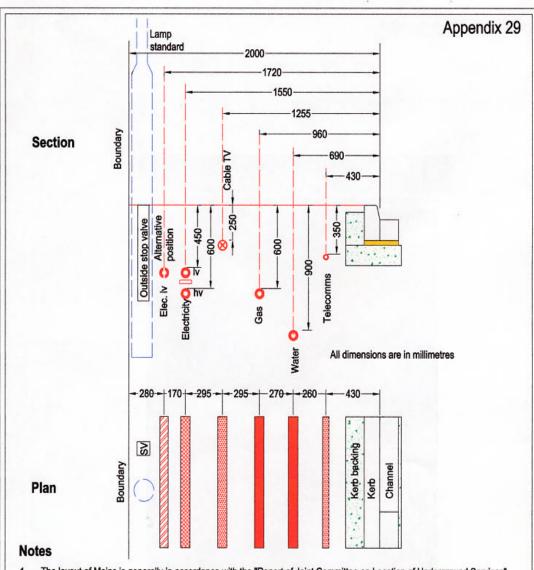


Car parking - Grouped parking areas

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Engineers

Breaking No.
appendix27





- The layout of Mains is generally in accordance with the "Report of Joint Committee on Location of Underground Services" published by the Institution of Civil Engineers.
- The dimensions shown represent the preferred arrangement in straight routes on residential estates. Variations may be necessary of curves and changes of gradient.
- The space allocated is considered to be the absolute minimum and in certain circumstances e.g. where both h.v. and l.v cables are laid, the l.v. cable will be laid in the alternative position and additional width may be required.
- Where services are to be connected to gas mains, a minimum distance of 2.0m is required between the building line and the centre line of the main.
- 5. With agreement of the statuary authorities, services can be locally grouped to avoid features such as trees.

