

Health, safety & the environment

In accordance with the Construction (Design and Management) Regulations 2015, the designs and details on this drawing have been the subject of a Designers Risk Assessment, to identify risks in the construction, use, or demolition of the scheme.

It is not considered necessary for Designers to highlight obvious and/or common risks (such as deep excavations, manual handling and working around heavy plant) which Contractors should be familiar with, and be able to control by good management and site practice.

So far as is reasonably practicable, the risks inherent in the design have been eliminated. Where it has been considered that elimination of a risk (or part of a risk) is not reasonably practicable, it has been reduced.

Significant unusual residual risks are identified on the drawings by use of a yellow caution marker, beside the measures which have been adopted to eliminate them.

This drawing has been based/developed using the following external drawings					
Type	Company	Drawing date	Drawing title	Date received	Rev
Site Layout	Redrow	Feb 2024	Planning Layout - 1877-22-02-002	22.07.2024	-
Road Layout	Redrow	Feb 2024	Planning Layout - 1877-22-02-002	22.07.2024	-
Topographical survey	Survey Solutions	19.09.2017	Topographical Survey - 17246se-03	22.07.2024	A
OS Data	Promap	-	Promap (Do Not Change) - Licence number 100022432	22.07.2024	-
Tree Constraints Plan	Southern Ecological Solutions	09.11.17	Tree Survey and Constraints Plan - 1	30.05.2024	-

General Notes

- All dimensions shown are in metres unless noted otherwise.
- Do not scale from this drawing unless printed at the intended paper size.
- This drawing is to be read in conjunction with all relevant Engineers and Architect's drawings, Specifications, Reports and Engineering Details.
- All works shall be carried out in accordance with "Roads in Hertfordshire: Highway Design Guide 3rd Edition"

Drawing Key

	Site boundary (Aligned from Savills Ordnance Survey Map "30706/LAND EAST OF ROYSTON ROAD - NG-TL384361" dated 12/03/2024)
	Highway boundary (Aligned from Hertfordshire highway boundary map "Land off Royston Road and Cambridge Road BARKWAY" dated 27/02/2024)

General Arrangement

	Visibility Splay
	Junction visibility splay (distances dictated by ATC Survey within "Transport Assessment - Table 2.2 - 163461-01" dated May 2018)
	Proposed full depth bituminous carriageway
	Proposed carriageway tie in works
	Proposed full depth bituminous footway
	Proposed non-dig footway construction
	Proposed grass verge makeup
	Proposed full depth vehicle crossover construction
	Half batter kerb (Type HB2) (125mm upstand)
	Dropper kerb (125 - 25mm upstand)
	Dropper kerb (125 - 0mm upstand)
	Bullnose kerb (Type BN) (25mm upstand)
	Footway edging (Type EF) (Flush)
	Proposed traffic sign
	Proposed banking (max 1:3)
	Road marking details (TSRGD diagram number)(Length, Gap, Width)
	Tree root protection zone

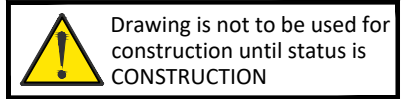
For further details/specifications relating to these works, see JPP drawings:
28550 - XX - 200 - S278 Works - Site Location Plan
28550 - RR - 302 - S278 Works - Site Clearance & Existing Services
28550 - XX - 203 - S278 Works - Highway Construction Details
28550 - RR - 304 - S278 Works - S278 Agreement Plan
28550 - RR - 305 - S278 Works - Proposed Levels & Drainage

Vehicle Specification

	Path of vehicle wheels
	Path of vehicle overhang

Hertfordshire Refuse Vehicle

Overall Length	12.100m
Overall Width	2.500m
Track Width	2.500m
Lock to lock time	4.00s
Kerb to Kerb Turning Radius	9.500m



Rev	A	Scale bar added	By	HS	Checked	HS	13.11.2024
				Client Redrow Homes			
Northampton Grand Union Works, Whilton Locks, Daventry Northamptonshire, NN11 2NH T: 01604 781811 Poole & Milton Keynes				Project Proposed Residential Development Barkway Royston			
E: mail@jppuk.net W: jppuk.net				Title S278 Works Royston Road Site Access Works			
Scale at A1	1:250	Drawn by	HH	Checked by	JW	Date	August 2024
Status	FOR APPROVAL	Project ref	28550	Drawing no.	RR - 301	Revision	A