



**DEVELOPMENT ACCESS**  
(no vertical exaggeration)

Datum: 90.000M AOD

CHAINAGE ON CENTRELINE (m)	0.000	3.296	10.000	13.069	20.000	25.569	30.000	38.069	40.000	50.000	60.000	70.000	80.000	90.000	100.000	102.733	110.000	120.000	130.000	140.000	150.000	160.000	170.000	180.000	190.000	200.000	210.000	220.000	230.000	240.000	250.000	260.000	263.608
LEVELS ON CENTRELINE OF CARRIAGEWAY (m)	92.750	92.895	93.231	93.384	93.739	94.035	94.279	94.739	94.852	95.436	96.020	96.605	97.189	97.773	98.357	98.517	98.944	99.533	100.121	100.709	101.297	101.885	102.473	103.061	103.649	104.238	104.826	105.414	106.002	106.590	107.178	107.766	107.979
LEVELS ON LEFT HAND CHANNEL (m)			93.129	93.287	93.651	93.948	94.191	94.659	94.774	95.361	95.945	96.530	97.114	97.698	98.282	98.442	98.869	99.458	100.046	100.634	101.222	101.810	102.398	102.986	103.574	104.163	104.751	105.339	105.927	106.515	107.103	107.691	107.904
LEVELS ON RIGHT HAND CHANNEL (m)			93.208	93.300	93.651	93.948	94.191	94.659	94.774	95.361	95.945	96.530	97.114	97.698	98.282	98.442	98.869	99.458	100.046	100.634	101.222	101.810	102.398	102.986	103.574	104.163	104.751	105.339	105.927	106.515	107.103	107.691	107.904
VERTICAL DESIGN ON CARRIAGEWAY CENTRELINE	GRADIENT 5.0% L = 9.774m		SAG CURVE K = 29.687 L = 25.000				GRADIENT 5.8% (1 in 17) LENGTH = 64.664m				GRADIENT 5.9% (1 in 17) LENGTH = 160.875m																						
HORIZONTAL DESIGN ON CARRIAGEWAY CENTRELINE	STRAIGHT L = 9.996m		CURVE R = 20.000 L = 18.862		STRAIGHT L = 9.648m		CURVE R = 20.000 L = 14.300		STRAIGHT LENGTH = 77.013m				CURVE R = 131.426 L = 20.889		STRAIGHT L = 7.478m		CURVE R = 36.833 L = 5.932		STRAIGHT LENGTH = 13.852m		CURVE R = 45.615 L = 14.560		STRAIGHT LENGTH = 32.132m		CURVE R = 5.00m		STRAIGHT LENGTH = 30.621						
EXISTING LEVELS (m)	92.944	93.291	93.284	93.041	93.359	94.470	95.127	94.920	96.875	96.440	96.844	97.274	97.817	98.309	98.502	98.975	99.605	100.269	100.829	101.423	102.003	102.611	103.163	103.769	104.313	104.807	105.406	106.002	106.592	107.182	107.765	108.265	108.883

**KEY:**

- Potential carriageway
- Potential kerb line
- Potential footway
- Potential tactile paving at pedestrian crossings
- Potential ladder paving
- Potential roadmarkings
- Potential signing
- Potential embankment works at 1:3 with 1m flat verge adjacent to footway (unless otherwise shown to be protected by retaining structure)
- Indicative Structural Retaining Feature (for details see drawings by Queensberry Design)
- Assumed development boundary
- Land Registry Boundaries
- Assumed Highway Boundary
- Existing category U and category C trees assumed to be okay for removal if required
- Existing category B tree to be retained
- Existing category A tree to be retained
- Root Protection Areas

Local Transport Projects Ltd accepts no liability for the accuracy of the data provided and the highway boundary information shown is subject to checks by a licensed conveyancer.

Tree information based on:  
Tree Constraints Plan AWA5655 provided by client.

**Notes:**

- Preliminary design layout only - scheme subject to further detailed design.
- Scheme subject to agreement with local highway authority and other key stakeholders.
- Checks to be made on existing Statutory Undertakers equipment.
- Design (including type and size) of structural elements such as retaining structures to be undertaken at detailed design stage. For current details of potential retaining structure see drawings by Queensberry Design.

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- Reference should be made to the project's drawing register to ensure the latest drawing is being referred to.
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- All work shall be carried out in accordance with local authority, statutory authority and health & safety requirements & regulations.
- This drawing is produced to be printed and read in colour. Reproduction in black and white may prevent correct interpretation of some aspects.
- Based on topographical survey supplied by Haycock & Todd Land Survey Consultants Architectural Surveyors.

Client	Keepmoat Homes	Title	Potential Residential Access Road Between Keresforth Road and Queensberry Design						Drawing number	Rev.	Date	By	Chk	Description	 traffic engineering and transport planning
			Project	Job	Drawing	Sheet	Revision	A							
Project	Proposed Residential Development, Keresforth Road, Dodworth	Status	PRELIMINARY						Drawn	Date	Checked	Approved	Scale	 INSTITUTE OF HIGHWAY ENGINEERS	
			JC	05 06 24	MR	TK	1 : 500	 Landscape & Planning							
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