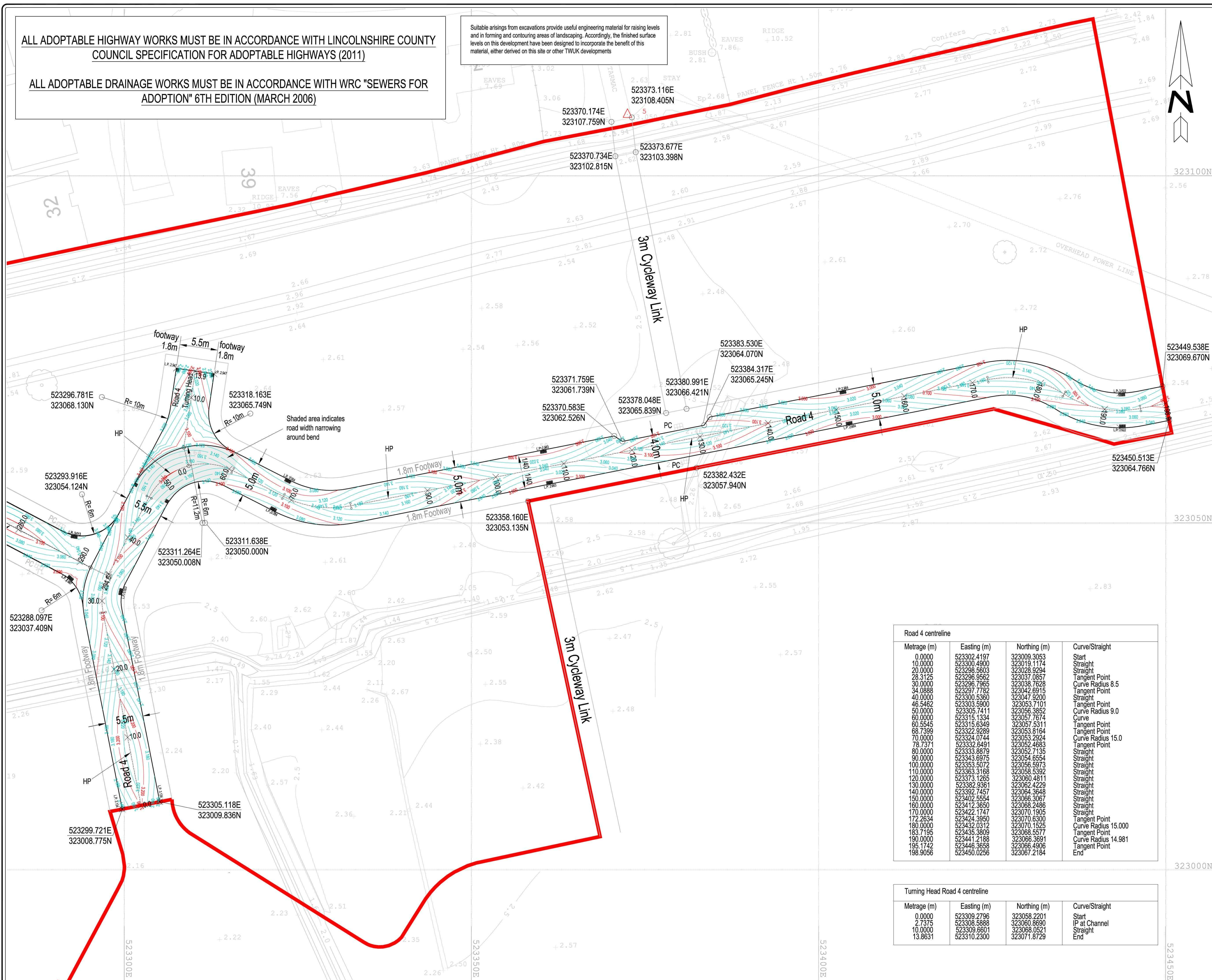


ALL ADOPTABLE HIGHWAY WORKS MUST BE IN ACCORDANCE WITH LINCOLNSHIRE COUNTY COUNCIL SPECIFICATION FOR ADOPTABLE HIGHWAYS (2011)

Suitable arisings from excavations provide useful engineering material for raising levels and in forming and contouring areas of landscaping. Accordingly, the finished surface levels on this development have been designed to incorporate the benefit of this material, either derived on this site or other TWUK developments

ALL ADOPTABLE DRAINAGE WORKS MUST BE IN ACCORDANCE WITH WRC "SEWERS FOR ADOPTION" 6TH EDITION (MARCH 2006)



- NOTES
1. The contractor shall check all tie-ins for line and level with existing before commencing any works. The Engineer shall be notified immediately, in writing, should any errors be found.
 2. Any discrepancies, of whatever nature, must be reported to the Engineer prior to the commencement or continuance of any further works.
 3. It is the responsibility of the contractor to execute the works at all times in strict accordance with the requirements of the Health and Safety at Work Act 1974, and CDM Regulations 2007. The Contractor will be deemed to have allowed for full compliance, including full liaison with the CDM Coordinator, within his rates.
 4. All private drainage works to be in accordance with the requirements of Building Regulations 2000, Part H, "Drainage and waste disposal", (1st April 2002).
 5. All pipes to be bedded and backfilled in accordance with Part H, Diagram 10. Shallow pipes shall be protected in accordance with Part H, Diagram 11.
 6. Unless otherwise stated, all private drainage to be 100mm diameter. Gradients have been shown where there are pipe capacity issues and these should be regarded as minimums. Unless there are constraints dictating otherwise, gradients shall generally be 1 in 80. 100mm diameter pipes shall not be laid flatter than 1 in 80, 150mm diameter pipes shall not be laid flatter than 1 in 150.
 7. All pipes, chambers and fittings to be installed strictly in accordance with the manufacturers instructions.
 8. Pipes which run adjacent to buildings shall be installed in strict accordance with Part H, Clauses 2.23 to 2.25 and Diagram 8.
 9. All manholes and inspection chambers situated in areas subject to vehicular loading to have class B125 covers and frames to BS EN124 and those not subject to vehicular loading to have class A15 covers and frames.
 10. All drains in the vicinity of existing or proposed trees to be constructed in accordance with the requirements of NHBC Practice Note 3.
 11. Private drainage frames must be tied to manhole risers by use of manufacturers ties (e.g. Polypipe ref. FRK500 fixing kit and FRK501 black ties). The ground works contractor will be held fully responsible for any accidents due to incorrect fitting or failure to use the correct manufacturers fixing equipment.
 12. All existing land drains encountered on site during construction to be re-connected.
 13. Should any departure from the slab level be considered, agreement shall be sought from the Engineer immediately and prior to commencement or continuance of any works, and should take full account of all restrictions to the slab level.
 14. Garage slabs relate to the finished level of the concrete at the front entrance of the garage.
 15. Where a drive slopes towards a garage there is to be a 75mm ramp up to the garage slab.
 16. Maximum gradients of gardens to be 1 in 6 (unless stated otherwise), except for designed banking works.
 17. All dimensions in metres unless otherwise stated.

Flow Route Notes

18. Flow routes are required to facilitate the potential route of flood flow in rainfall events exceeding the storm sewer design criteria as required by Sewers For Adoption 6th Edition and PPS25.

19. Flow routes illustrated on the drawings shall be kept clear of permanent physical obstructions which may impede the flow of surface water (i.e. walls, retaining walls). Failure to do this will increase the risk of flooding to properties.

20. House slab levels, external works, drive and garden gradients have been designed in such a way as to minimise the risk of flooding to properties immediately adjacent to flow routes. The Engineer shall be consulted in the event of any changes to the design in order to assess the impact on flood risk.

Survey carried out by Axis Surveys dated 2 August 2011.
Levels are relative to OS Datum GPS verified
the survey is orientated to the national grid.

Architects layout shown is based upon TWY014 - 01 (latest revision). This layout may be subject to change and is intended for indicative purposes only.

TENDER

Road 4 centreline			
Metrage (m)	Easting (m)	Northing (m)	Curve/Straight
0.0000	523302.4197	323009.3053	Start
10.0000	523300.4900	323019.1174	Straight
20.0000	523298.5603	323028.9294	Straight
28.3125	523296.9562	323037.0857	Tangent Point
30.0000	523296.7965	323038.7628	Curve Radius 8.5
34.0888	523297.7782	323042.6915	Tangent Point
40.0000	523300.5380	323047.9200	Straight
46.5462	523303.5900	323053.7101	Tangent Point
50.0000	523305.7411	323056.3852	Curve Radius 9.0
60.0000	523315.1334	323057.7674	Curve
60.5545	523315.6349	323057.5311	Tangent Point
68.7399	523322.9289	323053.8164	Tangent Point
70.0000	523324.0744	323053.2924	Curve Radius 15.0
78.7371	523332.6491	323052.4689	Tangent Point
80.0000	523333.8879	323052.7135	Straight
90.0000	523343.6975	323054.6554	Straight
100.0000	523353.5072	323056.5973	Straight
110.0000	523363.3168	323058.5392	Straight
120.0000	523373.1265	323060.4811	Straight
130.0000	523382.9361	323062.4229	Straight
140.0000	523392.7457	323064.3648	Straight
150.0000	523402.5554	323066.3067	Straight
160.0000	523412.3650	323068.2486	Straight
170.0000	523422.1747	323070.1905	Straight
172.2634	523424.3950	323070.6300	Tangent Point
180.0000	523432.0312	323070.1525	Curve Radius 15.000
183.7195	523435.3809	323068.5577	Tangent Point
190.0000	523441.2188	323068.3991	Curve Radius 14.981
195.1742	523446.3658	323068.4906	Tangent Point
198.9056	523450.0256	323067.2184	End

Turning Head Road 4 centreline			
Metrage (m)	Easting (m)	Northing (m)	Curve/Straight
0.0000	523309.2796	323058.2201	Start
2.7375	523308.5888	323060.8690	IP at Channel
10.0000	523309.6601	323068.0521	Straight
13.8631	523310.2300	323071.8729	End

Rev No.	Revision	Date	Drawn By	Checked By

Written dimensions to be taken. Do not scale off the drawings.

Any discrepancies, written or scaled, should be brought to the attention of the originator immediately.

This drawing to be read in conjunction with the relevant Bills of Materials and Local Authority Specification.

CDM NOTE: The design has been undertaken as far as possible to avoid risks to health and safety or to reduce and control the effects of any unavoidable risks.

All relevant information identifying the unavoidable risks has been passed to the planning supervisor for inclusion in the Health & Safety plan.

The Health & Safety plan will be issued by the planning supervisor with these drawings.

Wormald Burrows Partnership
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Web: www.wormbup.com
Email: engineer@wormbup.com

Project:
Proposed Development at Wygate Park,
Spalding, Lincolnshire

Drawing Description:
Road Setting Out
Sheet 2 of 2

Client:
Taylor Wimpey East Midlands Ltd
Unit 2, The Orlers Business Park
Liversall Way, Leicester
LE19 1DX

Drawing Number:
TWY014/112

Drawn By:
AMZ
Date:
31.10.11

Scale:
1:250 @ A1
1:500 @ A3

Checked By:
HGC
Date:
16.11.11

WBPDrawing Number:
E2238/13