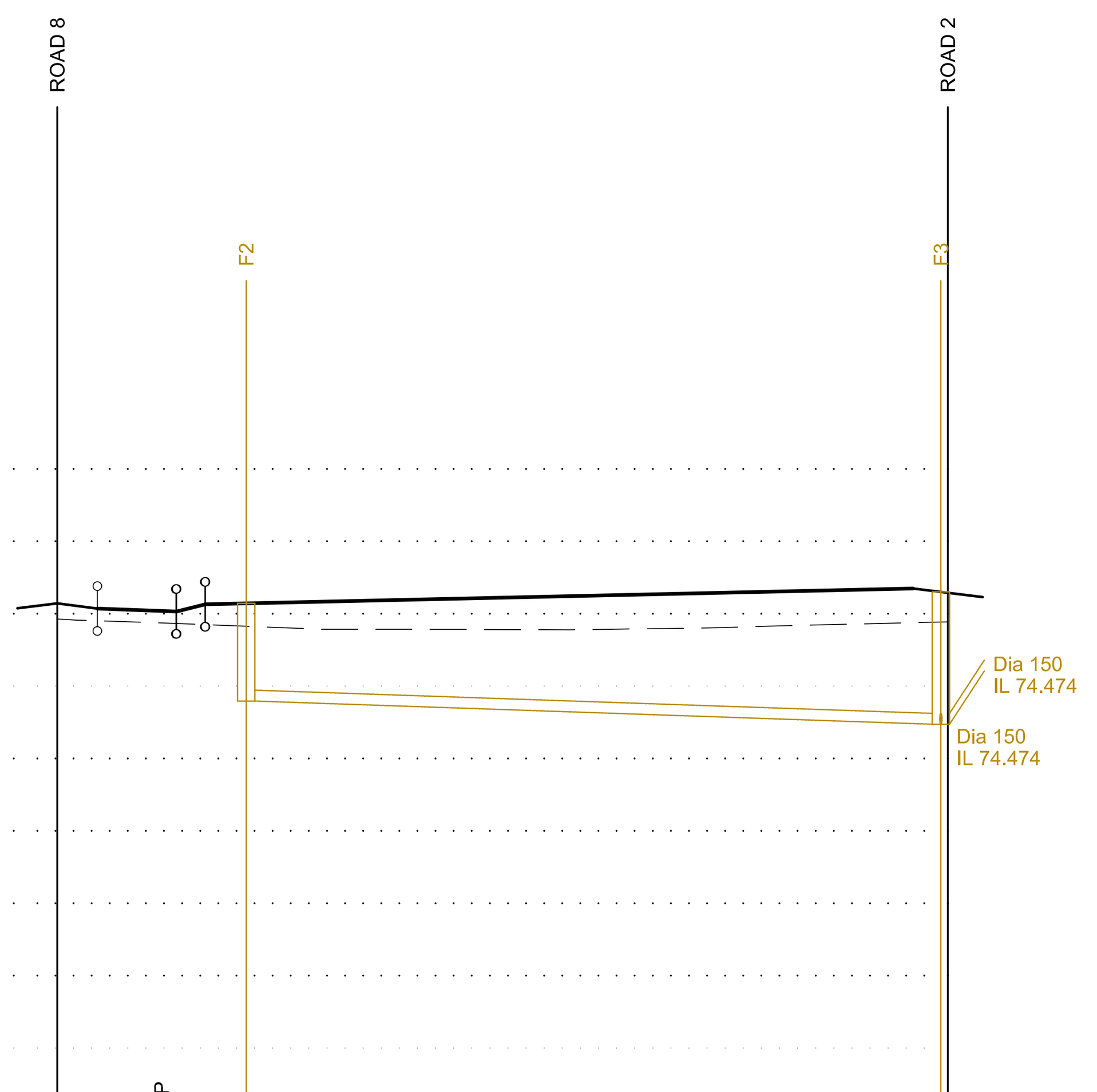
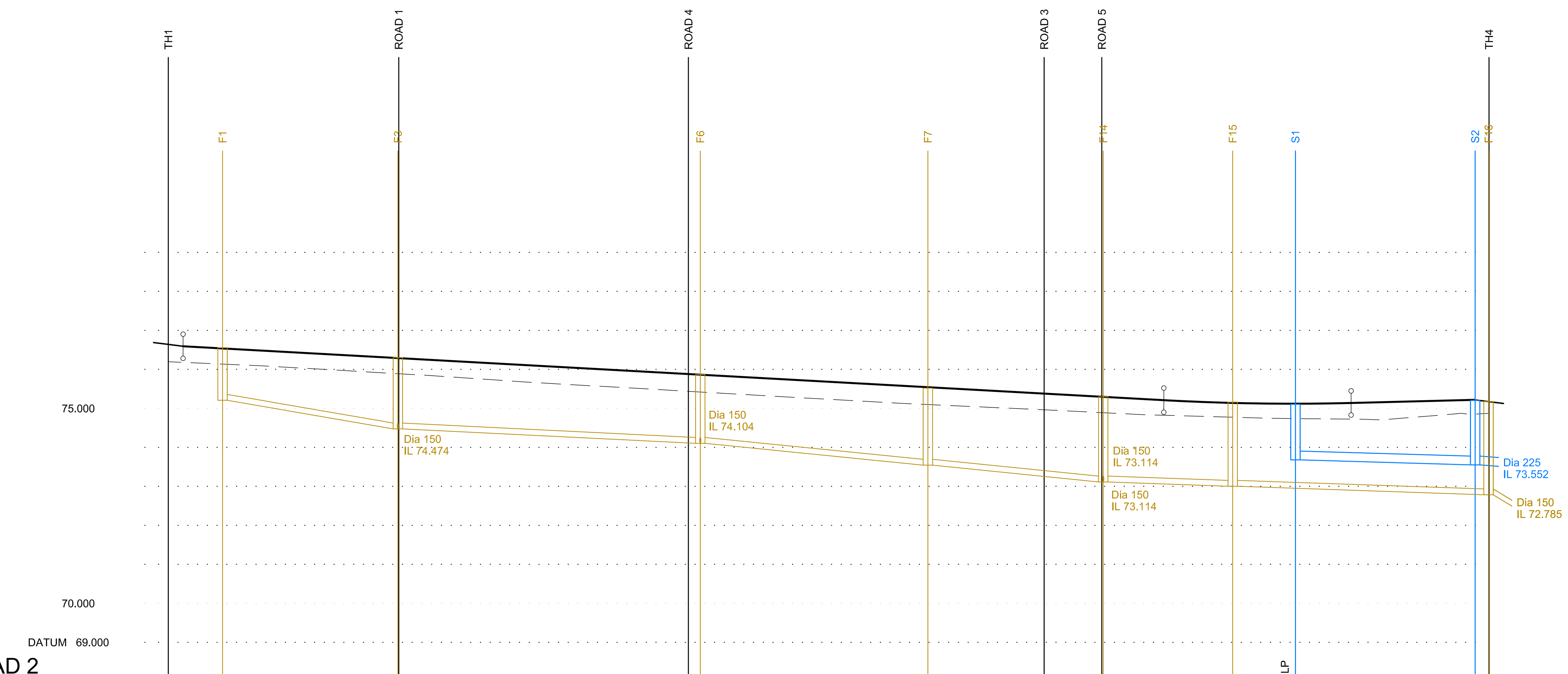
ROAD 1



CHAINAGE	0.000, 2.770, 8.290/8.396, 10.209/10.597, 13.050, 20.000, 22.192, 25.489, 30.000, 40.000, 50.000, 61.560/61.608
EXISTING GROUND LEVEL	75.928, 75.851, 75.786, 75.782, 75.791, 75.833, 75.881, 75.888
ALIGNMENT LEVEL	76.072, 76.033/76.031, 76.120/76.130, 76.175, 76.219, 76.264, 76.309, 76.349
VERTICAL ALIGNMENT	G= -0.750% 1: -133.3; KF= 0.010 L= 0.058; G= 2.0046; KF= 20.010; G= 0.446% 1: 224.0
HORIZONTAL ALIGNMENT	R= 100.000
FOULWATER COVER LEVEL	76.144, 76.303
FOULWATER INVERT	74.794, 74.474
FOULWATER DETAILS	Pipe 2.000 Dia 150 Circular CLAY 1 in 150
FOULWATER LENGTHS	47.967

ROAD 2



CHAINAGE	0.000, 1.890, 6.949, 10.000, 19.457, 20.000, 24.915, 29.538, 30.000, 36.975, 40.000, 43.524, 50.000, 60.000, 66.653, 68.174, 70.000, 80.000, 87.648, 90.000, 96.473, 97.339, 100.000, 110.000, 111.199, 112.243, 114.526, [illegible], 123.401, 126.862, 127.575, 130.000, 135.000, 136.403, 140.000, 144.975, 145.000, 150.000, 151.575, 160.000, 167.472, 169.252
EXISTING GROUND LEVEL	76.197, 76.109, 76.000, 75.882, 75.756, 75.627, 75.516, 75.399, 75.286, 75.174, 75.075, 74.985, 74.887, 74.810, 74.753, 74.729, 74.779, 74.874
ALIGNMENT LEVEL	76.594, 76.505, 76.395, 76.285, 76.175, 76.065, 75.955, 75.845, 75.735, 75.625, 75.515, 75.405, 75.295, 75.211, 75.187, 75.148, 75.126, 75.121, 75.121, 75.132, 75.139, 75.181, 75.218
VERTICAL ALIGNMENT	G= -1.100% 1: -90.9; KF= 15.0 L= 24.000; G= 0.500% 1: 200.0
HORIZONTAL ALIGNMENT	R= 35.000; R= 35.000; R= 35.000; R= 35.000; R= 35.000; R= 35.000
STORMWATER COVER LEVEL	75.105, 75.206
STORMWATER INVERT	73.680, 73.552
STORMWATER DETAILS	Pipe 1.000 Dia 225 Circular CLAY 1 in 180
STORMWATER LENGTHS	23.035
FOULWATER COVER LEVEL	76.558, 76.303, 75.870, 75.519, 75.300, 75.163, 75.176
FOULWATER INVERT	75.208, 74.474, 74.474, 74.104, 74.104, 73.544, 73.544, 73.114, 73.114, 73.003, 73.003, 72.785
FOULWATER DETAILS	Pipe 1.000 Dia 150 Circular CLAY 1 in 31; Pipe 1.001 Dia 150 Circular CLAY 1 in 105; Pipe 1.002 Dia 150 Circular CLAY 1 in 52; Pipe 1.003 Dia 150 Circular CLAY 1 in 52; Pipe 1.004 Dia 150 Circular CLAY 1 in 150; Pipe 1.005 Dia 150 Circular CLAY 1 in 150
FOULWATER LENGTHS	22.416, 38.723, 29.293, 22.460, 16.558, 32.789

Notes

1. All levels relate to Ordnance Datum.

2. For adoptable roads and sewer details refer to drawings 5_500 series.

Building Drainage

3. All connections to adoptable manholes from private building drainage to be 150mm diameter pipes unless otherwise specified.

4. All house drainage to be 100mm dia unless otherwise stated, and laid in accordance with current Building Regulations and BS8301 : 1985.

5. All drainage products are to be Polypipe.

6. Pipe bedding material is to be Class B with 150mm minimum thickness surround.

7. Backfill is to be be with selected fill free of stones larger than 40mm, lumps of clay over 100mm, timber, frozen material and vegetable matter.

8. Pipe protection of house drainage runs is required in accordance with the Typical House Drainage Details drawing. The contractor shall satisfy themselves and agree with the Site Management the actual extent of pipe protection required.

9. Pipes entering and leaving manholes/inspection chambers shall include a rocker pipe, 600mm in length.

10. Brickwork to chambers shall be Class B Engineering to BS3921.

11. Rainwater pipes are to be sited on side elevations whenever possible.

Regrade

11. All retaining walls with a height of 600mm or greater are to include 1.2m high post and rail fencing unless located in rear gardens. Similar retaining walls in rear gardens are to include 900mm height picket fence.

12. All flights of steps to primary level access, with more than 2 steps are to be provided with handrailing, except where the steps are 900mm or more appart.

13. Brick retaining walls are to be used in preference to gravel boards for front garden areas.

MARSHALLS ARE TO BE CONSULTED THROUGHOUT THE CONSTRUCTION OF THE POROUS PAVING SYSTEMS TO ENSURE COMPLIANCE WITH THEIR STANDARDS. THE CONTRACTORS ATTENTION IS DRAWN TO THE REQUIREMENT FOR THE POROUS PAVEMENT FORMATION TO FALL TOWARDS THE OUTFALL

INFILTRATION POROUS PAVING SYSTEM – TO BE UNDERLAIN WITH A PERMEABLE MEMBRANE (TERRAM 1000 OR SIMILAR APPROVED)

UNTIL TECHNICAL APPROVAL HAS BEEN OBTAINED FROM THE RELEVANT LOCAL AUTHORITIES, IT SHOULD BE UNDERSTOOD THAT ALL DRAWINGS ARE ISSUED AS PRELIMINARY AND NOT FOR CONSTRUCTION. SHOULD THE CONTRACTOR COMMENCE SITE WORK PRIOR TO APPROVAL BEING GIVEN, IT IS ENTIRELY AT HIS OWN RISK.

Rev	Date	Details	By

Drainage Authority Approval Date

Highway Authority Approval Date

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SITE
KINGSMERE, BICESTER
KM4

DRAWING TITLE
LONGITUDINAL SECTIONS
SHEET 1

DRAWN BY	DATE	DRAWING NO.	REV
RM	02.09.14	BICE_5_720	–
SCALE: H1:500 V1:100 @ A1	CHECKED/DATE RH		