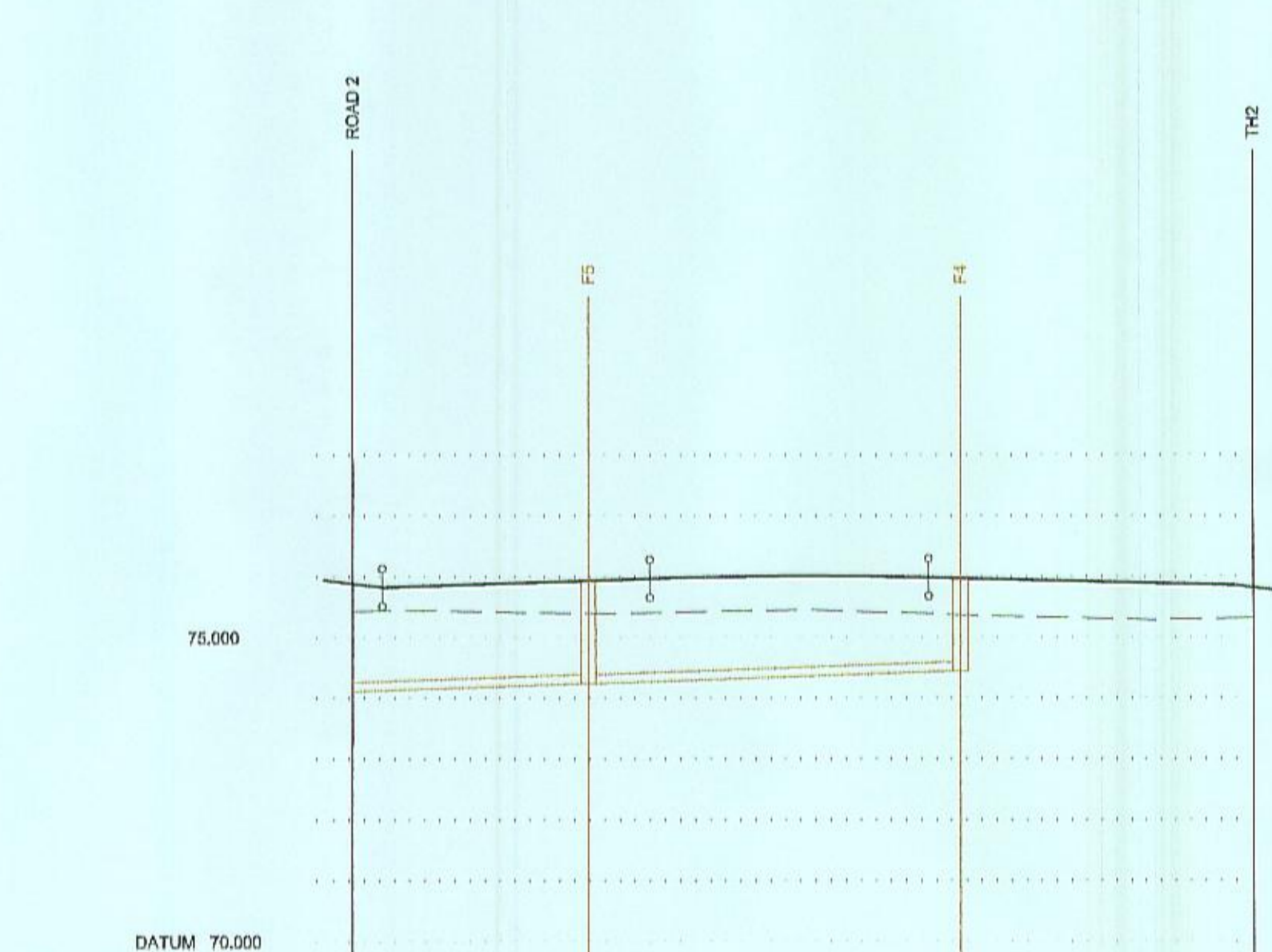
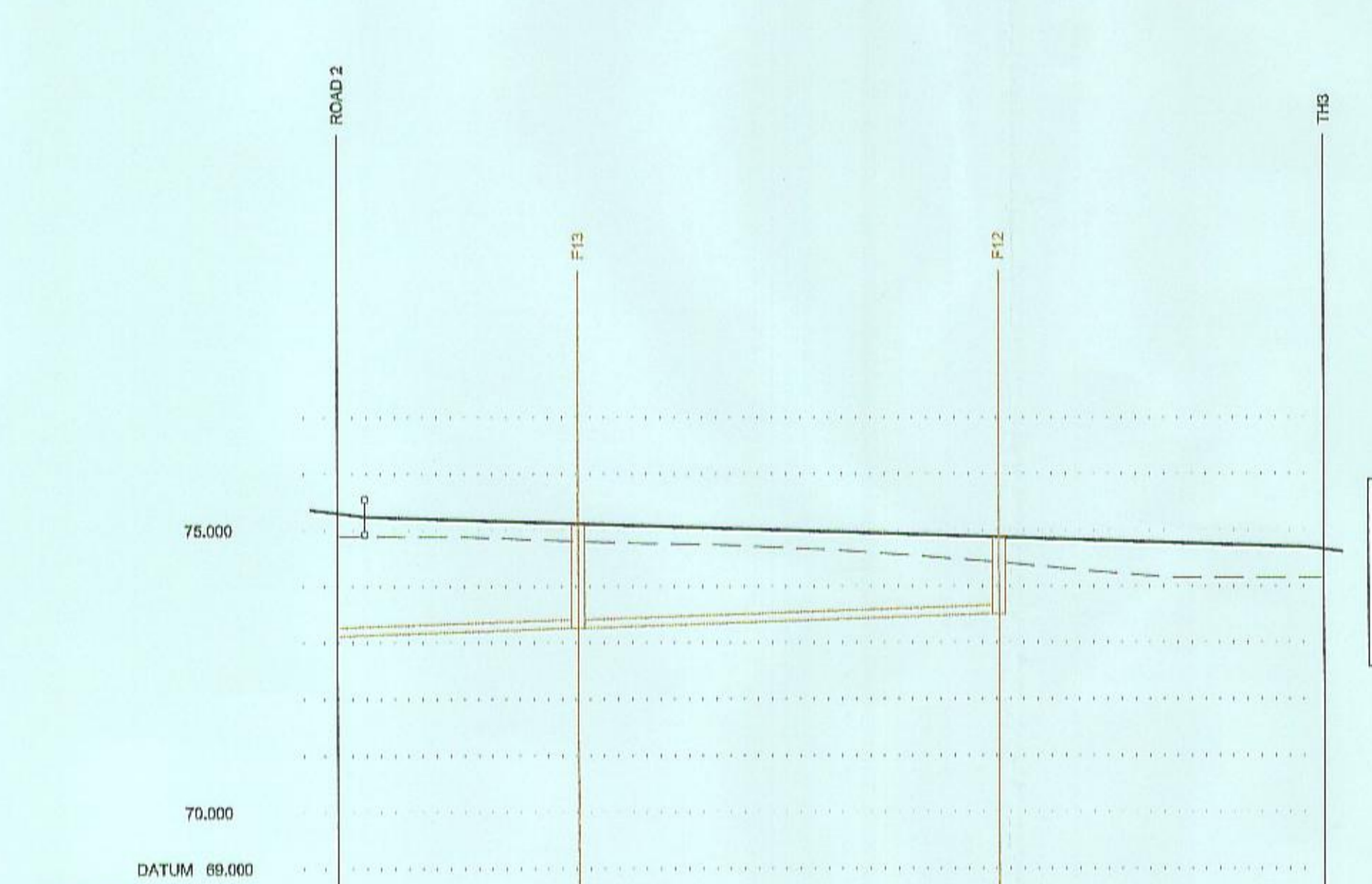


| CHAINAGE | 0.000 | 2.400 | 10.000 | 20.000 | 24.251 | 28.000 | 30.517 | 35.265 | 40.000 | 40.998 | 46.546 | 50.000 | 51.855 | 60.000 | 62.008 | 66.501 |
|-----------------------|--|--|--------|--|--------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| EXISTING GROUND LEVEL | 75.220 | | 75.117 | 75.072 | | 75.041 | | 75.031 | | 74.995 | | 74.974 | | 74.974 | | 74.964 |
| ALIGNMENT LEVEL | 75.532 | | 75.610 | 75.578 | | 75.547 | | 75.516 | | 75.485 | | 75.454 | | 75.441 | | 75.441 |
| VERTICAL ALIGNMENT | G = -0.312% 1: -320.5 | | | | | | | | | | | | | | | |
| HORIZONTAL ALIGNMENT | R = 35.000, R = 35.000, R = 10.000, R = 10.000 | | | | | | | | | | | | | | | |
| FOULWATER COVER LEVEL | | 75.816 | | 75.562 | | 75.489 | | 75.455 | | | | | | | | |
| FOULWATER INVERT | | 74.286 | | 74.172 | | 74.058 | | 74.058 | | 74.058 | | 73.868 | | | | |
| FOULWATER DETAILS | | Pipe 4.000 Dia 150 Circular CLAY 1 in 150 | | Pipe 4.001 Dia 150 Circular CLAY 1 in 150 | | Pipe 4.002 Dia 150 Circular CLAY 1 in 40 | | | | | | | | | | |
| FOULWATER LENGTHS | | 14.056 | | 17.212 | | 15.659 | | | | | | | | | | |



| CHAINAGE | 0.000 | 2.400 | 10.000 | 11.231 | 15.222 | 24.655 | 24.655 | 28.268 | 33.504 | 35.000 | 37.773 | 40.000 | 45.000 | 47.773 | 50.000 | 60.000 | 70.000 | 74.866 | |
|-----------------------|------------------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| EXISTING GROUND LEVEL | 75.438 | | 75.425 | | 75.395 | | 75.426 | | 75.426 | | 75.440 | | 75.374 | | 75.317 | | 75.300 | | 75.313 |
| ALIGNMENT LEVEL | 75.822 | | 75.871 | | 75.927 | | 75.998 | | 75.958 | | 76.009 | | 76.011 | | 76.010 | | 76.010 | | 76.010 |
| VERTICAL ALIGNMENT | G = 0.657% 1: 152.2 | | | | | | | | | | | | | | | | | | |
| HORIZONTAL ALIGNMENT | R = 35.000, R = 35.000 | | | | | | | | | | | | | | | | | | |
| FOULWATER COVER LEVEL | | | | | | | | | | | | | | | | | | | |
| FOULWATER INVERT | | | | | | | | | | | | | | | | | | | |
| FOULWATER DETAILS | | | | | | | | | | | | | | | | | | | |
| FOULWATER LENGTHS | | | | | | | | | | | | | | | | | | | |



| CHAINAGE | 0.000 | 2.411 | 10.000 | 20.000 | 21.931 | 30.000 | 36.122 | 38.859 | 46.983 | 50.000 | 50.848 | 60.000 | 63.445 | 65.544 | 70.000 | 70.980 | 74.525 | 80.000 | 86.186 | |
|-----------------------|--|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| EXISTING GROUND LEVEL | 74.891 | | 74.882 | | 74.816 | | 74.756 | | 74.689 | | 74.570 | | 74.412 | | 74.227 | | 74.152 | | 74.145 | |
| ALIGNMENT LEVEL | 75.238 | | 75.187 | | 75.123 | | 75.059 | | 74.995 | | 74.930 | | 74.866 | | 74.802 | | 74.737 | | 74.695 | |
| VERTICAL ALIGNMENT | G = -0.843% 1: -155.6 | | | | | | | | | | | | | | | | | | | |
| HORIZONTAL ALIGNMENT | R = 95.000, R = 35.000, R = 35.000, R = 19.000 | | | | | | | | | | | | | | | | | | | |
| FOULWATER COVER LEVEL | | | | | | | | | | | | | | | | | | | | |
| FOULWATER INVERT | | | | | | | | | | | | | | | | | | | | |
| FOULWATER DETAILS | | | | | | | | | | | | | | | | | | | | |
| FOULWATER LENGTHS | | | | | | | | | | | | | | | | | | | | |

- Notes**
- All levels relate to Ordnance Datum.
 - For adoptable roads and sewer details refer to drawings S_500 series.
 - Building Drainage**
 - All house drainage to be 100mm dia unless otherwise stated, and laid in accordance with current Building Regulations and BS3221:1985.
 - All drainage products are to be Polypropylene.
 - Pipe bedding material is to be Class B with 150mm minimum thickness surround.
 - Backfill is to be with selected fill free of stones larger than 40mm, lumps of clay over 100mm, timber, broken material and vegetable matter.
 - 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.
 - Pipes entering and leaving manholes/inspection chambers shall include a rocker pipe, 600mm in length.
 - Blockwork to chambers shall be Class B Engineering to BS3221.
 - Rainwater pipes are to be laid on side elevations whenever possible.
- General**
- 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.
 - All flights of steps to primary level access, with more than 2 steps are to be provided with handrails, except where the steps are 900mm or more apart.
 - Block retaining walls are to be used in preference to ground beams 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 _____

Do not scale from this drawing. Use written dimensions only. When shown relationships between site levels and ground levels are to be checked on site. Any discrepancy or suggested modification to be reported to Design and Engineering Director.
Note: This drawing is the copyright of Bovis Homes Ltd.

BOVIS HOMES
Bovis Homes Central Region
Bromwich Court
Highway Point
Gorse Lane
Coleshill
B46 1JU
Tel: 01875 437 000
Fax: 01875 437 094
DX: 728340 Coleshill 2

Brookbanks Consulting

6150 Knights Court Solihull Parkway Birmingham B37 7WY
Tel (0121) 329 4330 Fax (0121) 329 4331
www.brookbanks.com

SITE: **KINGSMERE, BICESTER KM4**

DRAWING TITLE: **LONGITUDINAL SECTIONS SHEET 2**

| DRAWN BY | DATE | DRAWING NO. | REV |
|----------|----------|-------------|-----|
| RM | 02.09.14 | BICE_5_721 | - |

SCALE: H1:500 V1:100 © AT