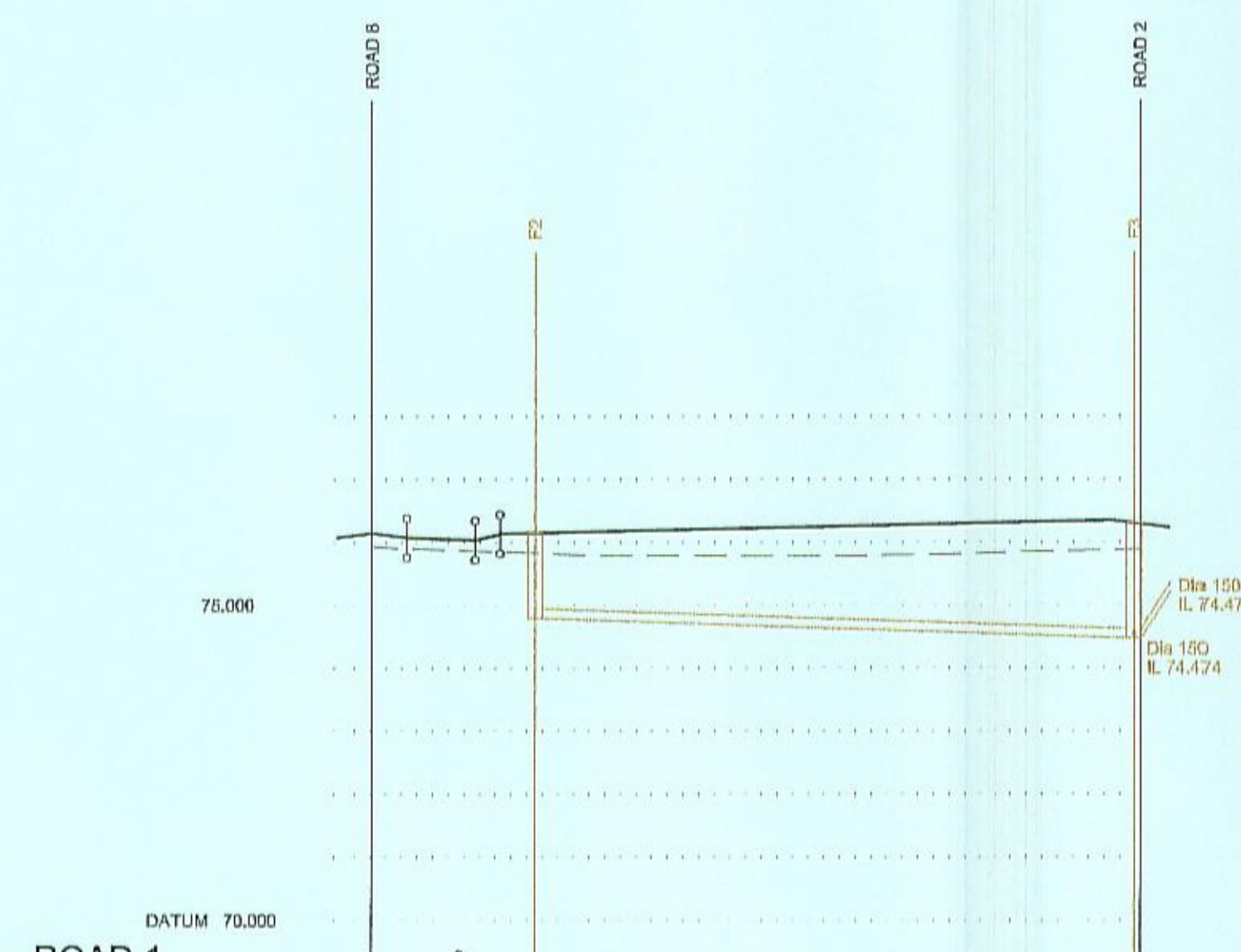


- Notes**
- All levels relate to Ordnance Datum.
  - For adoptable roads and sewer details refer to drawings 5\_200 series.
  - Building Drainage**
  - All connections to adoptable manholes from private building drainage to be 150mm diameter pipes unless otherwise specified.
  - All drainage products 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, keeps of clay over 100mm, limes, 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 necker pipe, 600mm in length.
  - Backwork to chambers shall be Class B Engineering to BS3021.
  - Fluowater pipes are to be sited on side elevations whenever possible.
- Regard**
- 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 gravel benches for front garden areas.

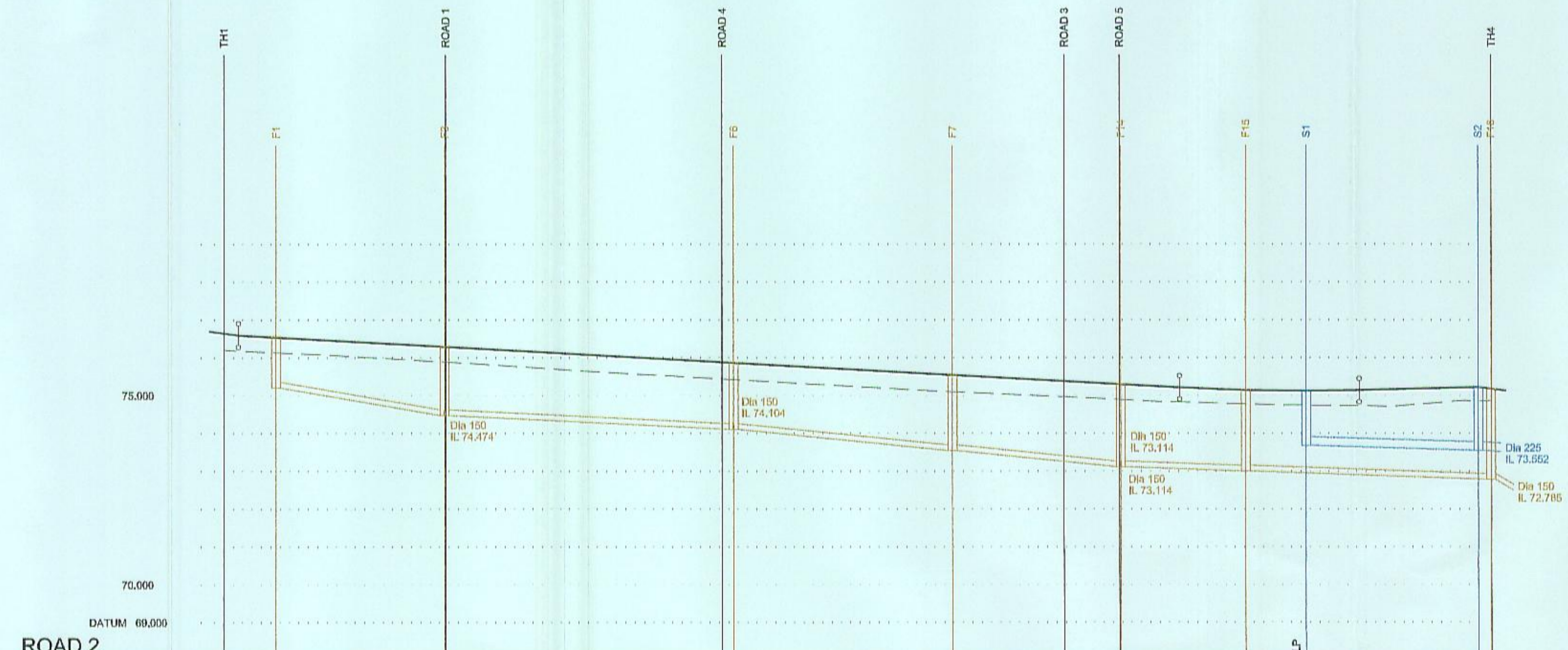
MARSHALLS ARE TO BE CONSULTED THROUGHOUT THE CONSTRUCTION OF THE POROUS PAVING SYSTEMS TO ENSURE COMPLIANCE WITH THEIR STANDARDS. THE CONTRACTORS ATTENTION IS DRAWN TO THE REQUIREMENT FOR THE POROUS PAVEMENT FORMATION TO FALL TOWARDS THE OUTFALL.

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.



CHAINAGE	EXISTING GROUND LEVEL	ALIGNMENT LEVEL	VERTICAL ALIGNMENT	HORIZONTAL ALIGNMENT	FOULWATER COVER LEVEL	FOULWATER INVERT	FOULWATER DETAILS	FOULWATER LENGTHS
0.000	75.928	75.972	G= 0.446% 1: 224.0	R= 100.000	75.144	74.784	Pipe 2.000 Dia 150 Circular CLAY 1 in 150	47.067
2.770	75.851	75.833						
13.000	75.796	75.715						
20.000	75.762	75.619						
25.000	75.791	75.584						
30.000	75.833	75.509						
40.000	75.881	75.549						
50.000	75.888							
61.550								



CHAINAGE	EXISTING GROUND LEVEL	ALIGNMENT LEVEL	VERTICAL ALIGNMENT	HORIZONTAL ALIGNMENT	FOULWATER COVER LEVEL	FOULWATER INVERT	FOULWATER DETAILS	FOULWATER LENGTHS
0.000	76.197	76.584	G= -1.100% 1: -90.0	R= 35.000			Pipe 1.000 Dia 150 Circular CLAY 1 in 31	22.416
1.890	76.109	76.505						
6.949	70.000	70.395		R= 35.000				
10.000	75.882	76.285		R= 35.000				
18.657	75.750	76.175		R= 35.000				
24.915	75.627	76.065						
33.858	75.516	75.955						
38.975	75.599	75.845						
40.000	75.888	75.735						
43.874	75.174	75.625						
50.000	75.075	75.515						
66.653	74.885	75.405						
70.000	74.887	75.295						
80.000	74.810	75.211						
87.648	74.729	75.187						
90.000	74.729	75.148						
96.473	74.719	75.126						
100.000	74.719	75.121						
110.000	74.719	75.122						
114.526	74.719	75.122						
118.888	74.719	75.121						
123.401	74.719	75.121						
128.872	74.719	75.121						
130.000	74.719	75.121						
135.000	74.719	75.121						
140.000	74.719	75.121						
144.000	74.719	75.121						
144.475	74.719	75.121						
150.000	74.719	75.121						
151.570	74.719	75.121						
160.000	74.719	75.121						
167.472	74.719	75.121						
168.203	74.719	75.121						

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 elevations and ground levels are to be checked on site. Any discrepancy of suggested modification to be reported to Design and Engineering Director.			
Note: This drawing is the copyright of Bovis Homes Ltd.			

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DRAWING TITLE: LONGITUDINAL SECTIONS SHEET 1

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