

Highway Notes:  
 1. All Works are to be constructed in accordance with Oxfordshire Council and the Highways Agency's Specification for Highway Works (SHW) March 1998 as amended published by The Stationary Office  
 2. All levels relate to the survey which is to Ordnance datum. Dimensions not to be scaled.  
 3. Street lighting, illuminated traffic signs, bollards and associated works shall comply with Oxfordshire Council 'Specification for Street Lighting'.  
 4. Use of this drawing does not absolve the client from his responsibilities under the Health and Safety, The Construction Design and Management Regulations 2015. The Principal Designer is required to contact Hydrock Consultants prior to permitting this drawing to be used in connection with any construction works.  
 5. This drawing is based on the latest Architects design layout received.  
 6. All works shown have been designed in accordance with Building Regs Part M, Manual for Streets and Oxfordshire Council's Highway Design Guidance.  
 7. All works shown are designed to minimize works required adjacent to existing Trees.

**Key**

- Proposed Ground Profile.
- Existing ground profile.

**REVISIONS**

P02	06/06/23	Issued for Planning	JL	BT	RA
P01	31/05/23	First Issue.	JL	BT	RA

Rev	Date	Description	By	Ckd	App
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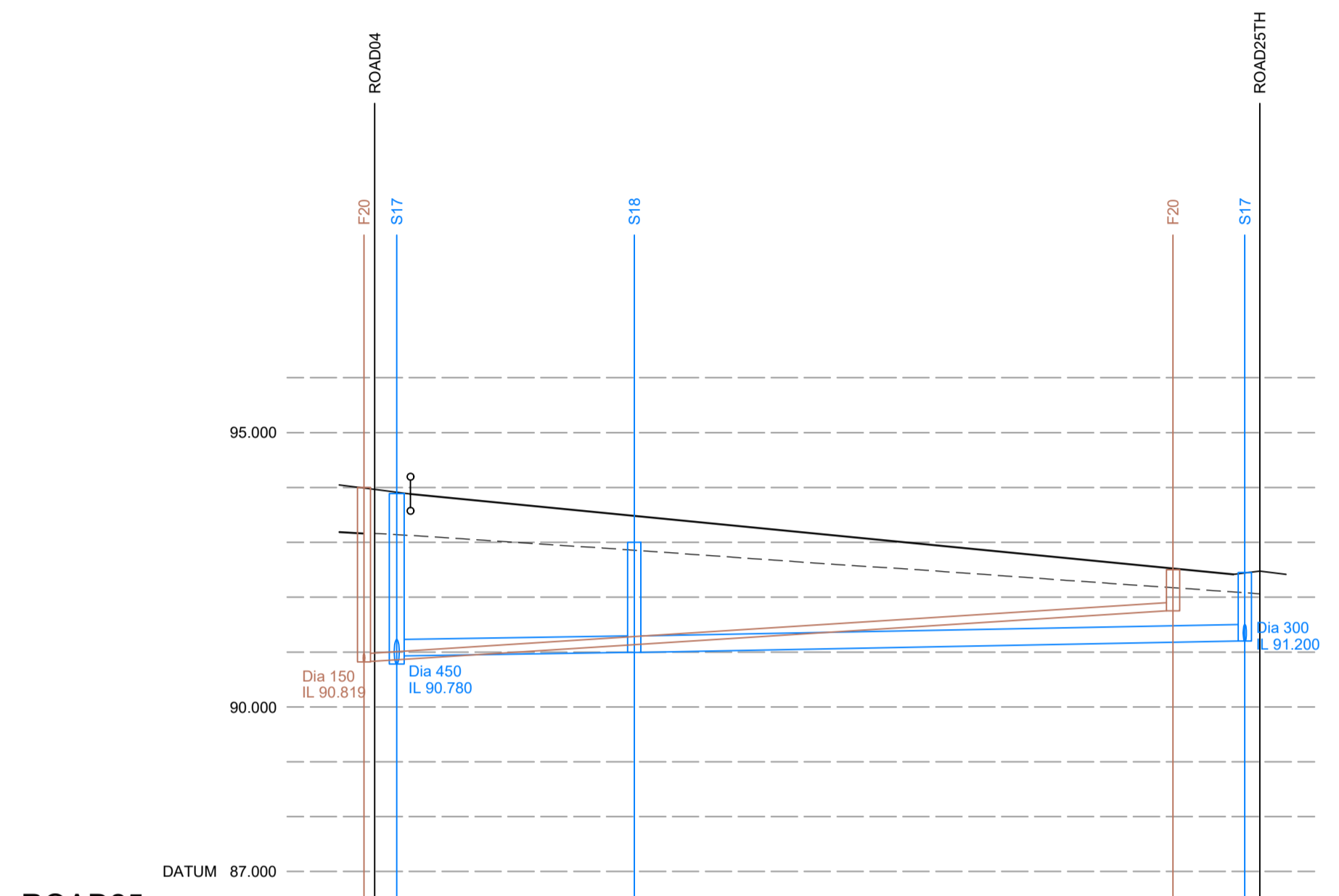
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CLIENT  
**CALA HOMES COTSWOLDS LTD**

PROJECT  
**HIMLEY VILLAGE, BICESTER**

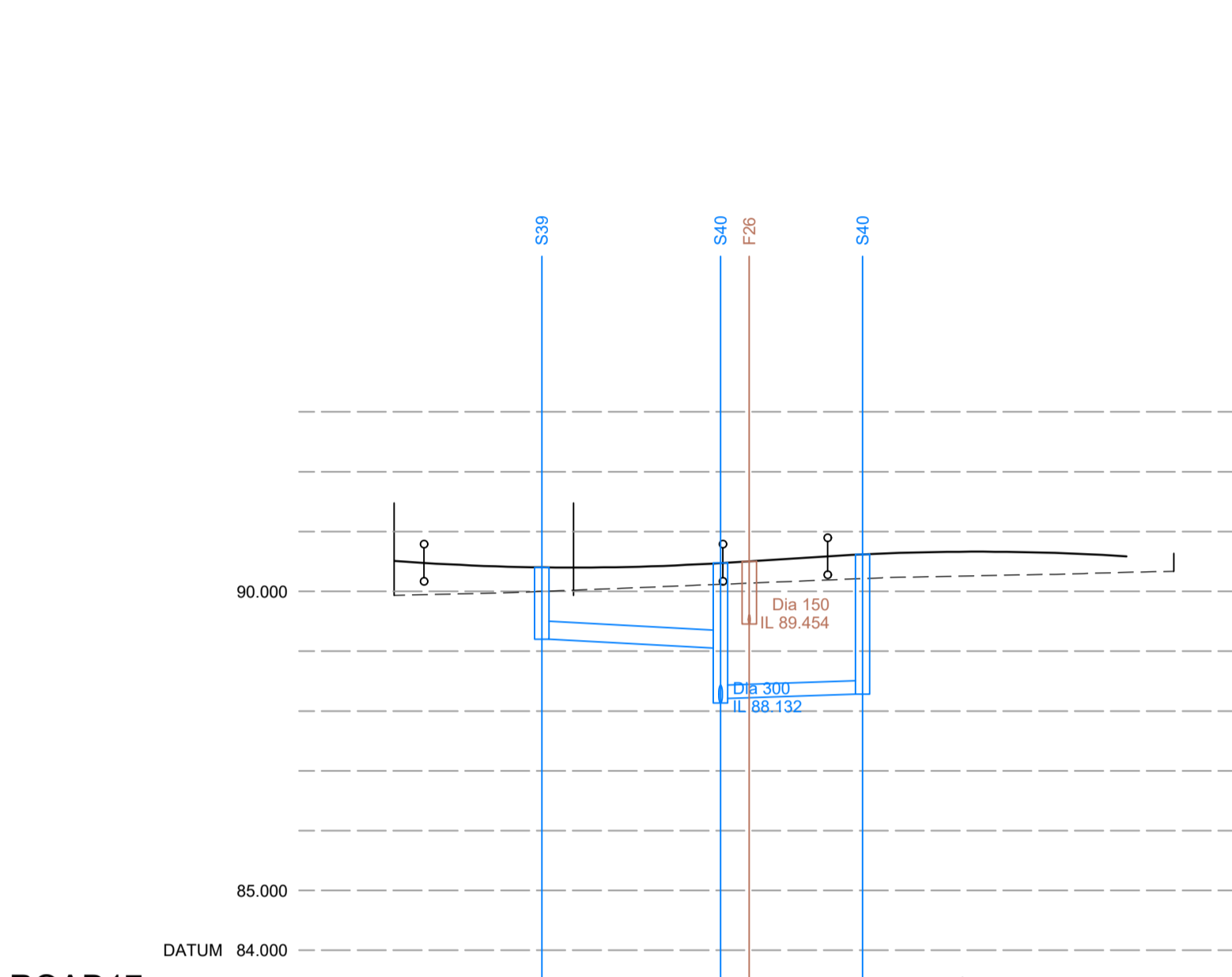
TITLE  
**HIGHWAY LONGITUDINAL SECTIONS  
 PHASE 2A  
 SHEET 2 OF 3**

HYDROCK PROJECT NO. <b>C-27141-C</b>	SCALE @ A1 <b>1:100V 1:500H</b>	STATUS <b>S2</b>
STATUS DESCRIPTION <b>INFORMATION</b>		REVISION <b>P02</b>
DRAWING NO. (PROJECT CODE-ORIGINATOR-ZONE-LEVEL-TYPE-ROLE-NUMBER) <b>27141-HYD-PH2A-XX-DR-C-2111</b>		



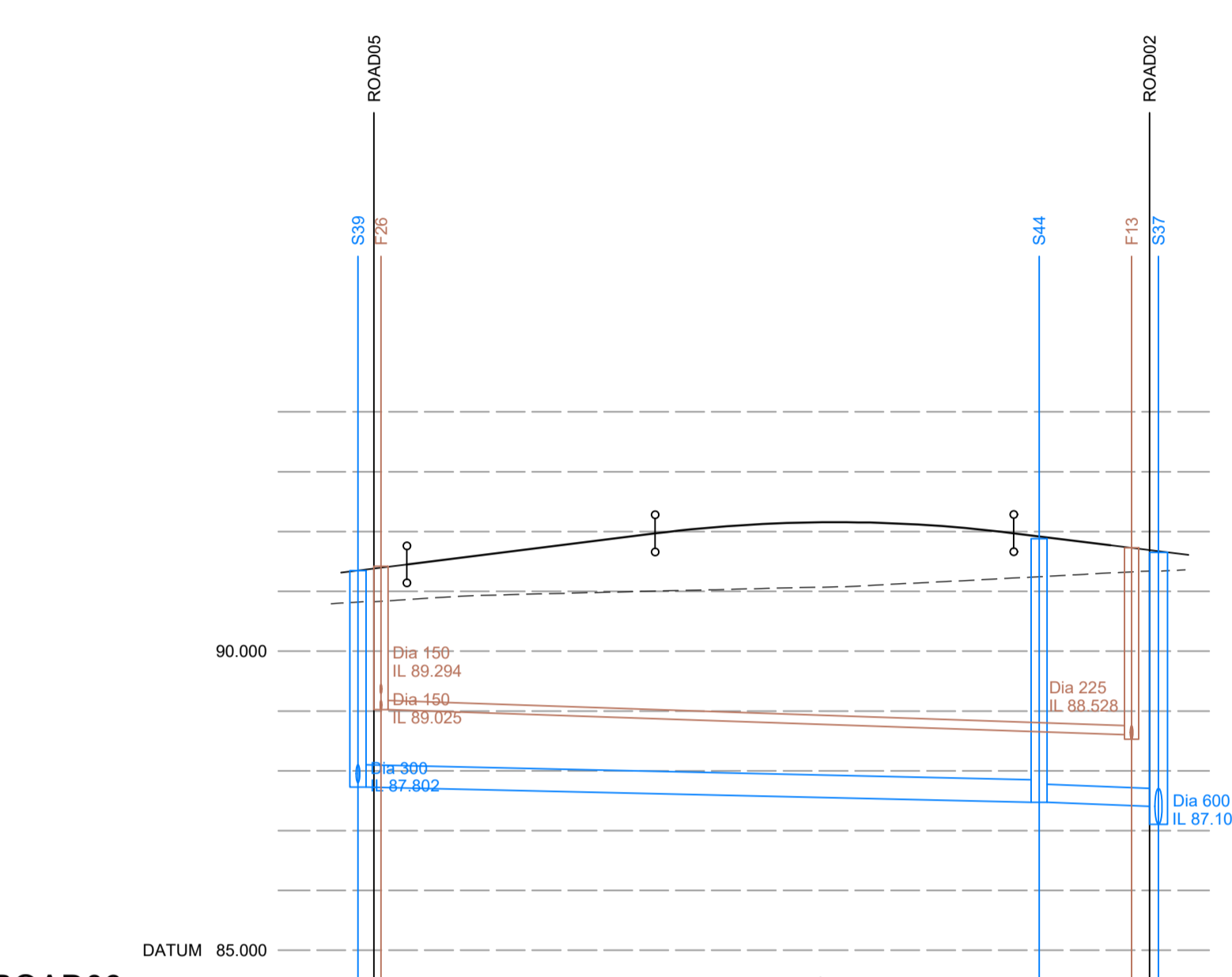
CHAINAGE	0.000	4.335	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000
EXISTING GROUND LEVEL	93.163	93.163	93.038	92.906	92.766	92.624	92.484	92.351	92.211	92.071
ALIGNMENT LEVEL	93.882	93.750	93.555	93.380	93.164	92.989	92.773	92.578	92.417	92.062
VERTICAL ALIGNMENT	G= -1.954% 1: -51.2									
HORIZONTAL ALIGNMENT	R= 40.000									
STORMWATER COVER LEVEL	93.881	Pipe 7.002 Dia 300 Circular CLAY 1 in 333				93.000	Pipe 7.001 Dia 300 Circular CLAY 1 in 271			
STORMWATER INVERT	90.930	21.852				90.995	55.642			
FOULWATER COVER LEVEL	94.000	Pipe 6.000 Dia 150 Circular CLAY 1 in 80								92.500
FOULWATER INVERT	90.628	73.734								91.750

**ROAD25 & DRAINAGE LONGITUDINAL SECTION**  
 SCALE 1:100 VERT - 1:500 HORZ



CHAINAGE	0.000	2.455	5.000	10.000	16.890	20.000	25.000	30.000	38.215	40.000	45.000	50.000	55.000	60.000	
EXISTING GROUND LEVEL	89.933	89.933	89.933	89.990	90.090	90.410	90.476	90.508	90.585	90.625	90.656	90.683	90.683	90.684	
ALIGNMENT LEVEL	90.506	90.476	90.447	90.410	90.388	90.388	90.448	90.476	90.585	90.625	90.656	90.683	90.683	90.684	
VERTICAL ALIGNMENT	G= -1.250% 1: -80.0														
HORIZONTAL ALIGNMENT	R= 1000.0 L= 25.000														
STORMWATER COVER LEVEL	90.400	Pipe 11.000 Dia 300 Circular CLAY 1 in 100				90.473	Pipe 12.000 Dia 225 Circular CLAY 1 in 167				90.619				
STORMWATER INVERT	89.200	14.944				89.051	11.878				88.280				
FOULWATER COVER LEVEL	90.500														
FOULWATER INVERT	88.606														

**ROAD17 & DRAINAGE LONGITUDINAL SECTION**  
 SCALE 1:100 VERT - 1:500 HORZ



CHAINAGE	0.000	4.335	10.000	20.000	30.000	35.000	40.000	45.000	50.000	55.633	60.000	64.872	68.616	
EXISTING GROUND LEVEL	90.628	90.628	90.637	90.987	91.035	91.146	91.082	91.123	91.187	91.1972	91.262	91.341	91.341	
ALIGNMENT LEVEL	91.440	91.631	91.881	91.889	92.096	92.146	92.157	92.155	92.048	91.972	91.811	91.717	91.541	
VERTICAL ALIGNMENT	G= 2.501% 1: 40.0													
HORIZONTAL ALIGNMENT	L= 30.000 R= -602.387													
STORMWATER COVER LEVEL	91.347	Pipe 10.002 Dia 375 Circular CONC 1 in 225								91.890	Pipe 10.000 Dia 300 Circular CLAY 1 in 150			
STORMWATER INVERT	87.727	56.992								87.674	87.407			
FOULWATER COVER LEVEL	91.418	Pipe 7.001 Dia 150 Circular CLAY 1 in 150											91.720	
FOULWATER INVERT	88.025	62.798											88.606	

**ROAD06 & DRAINAGE LONGITUDINAL SECTION**  
 SCALE 1:100 VERT - 1:500 HORZ