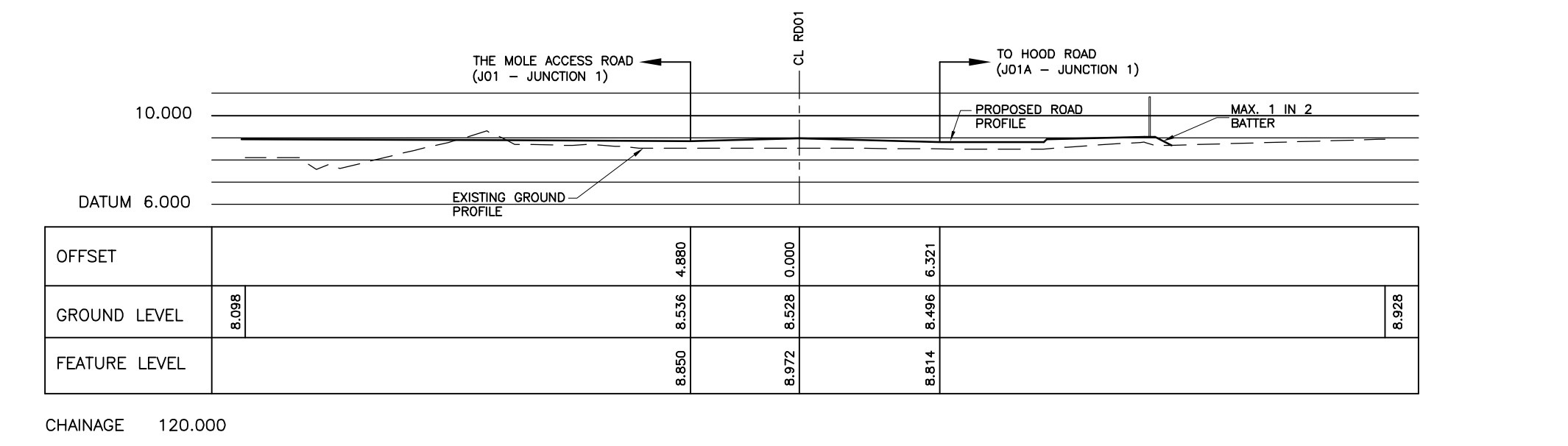
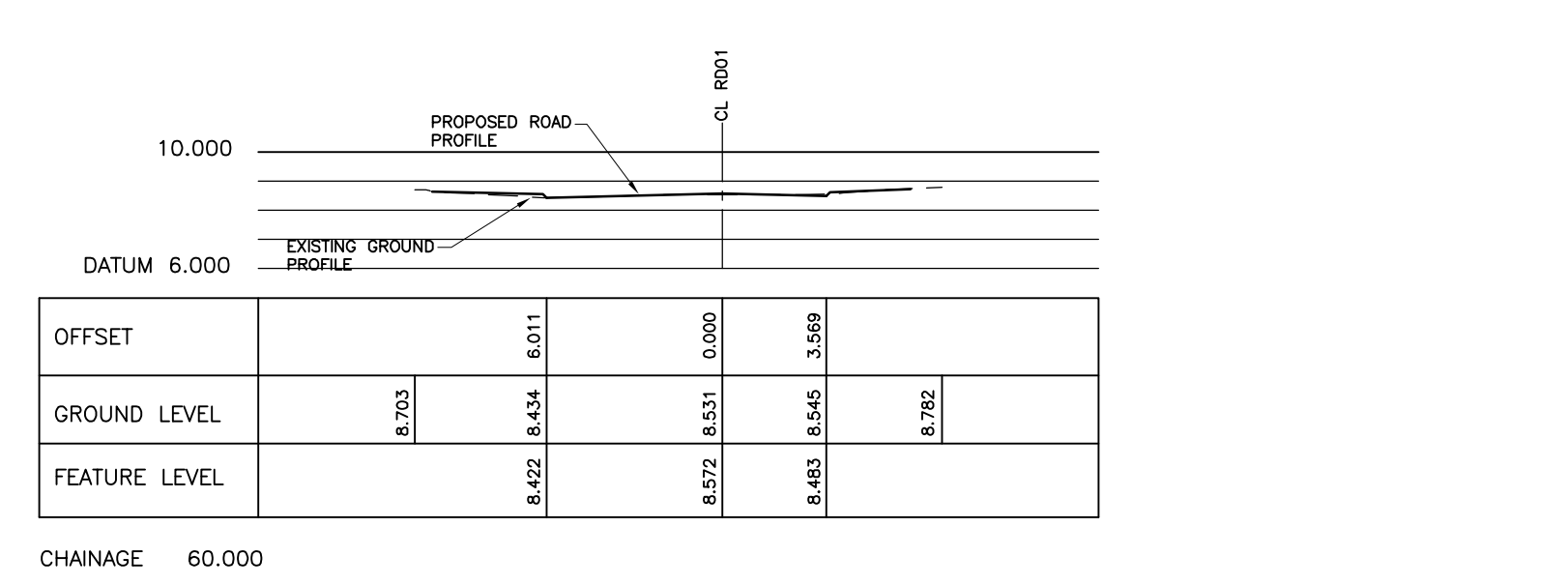
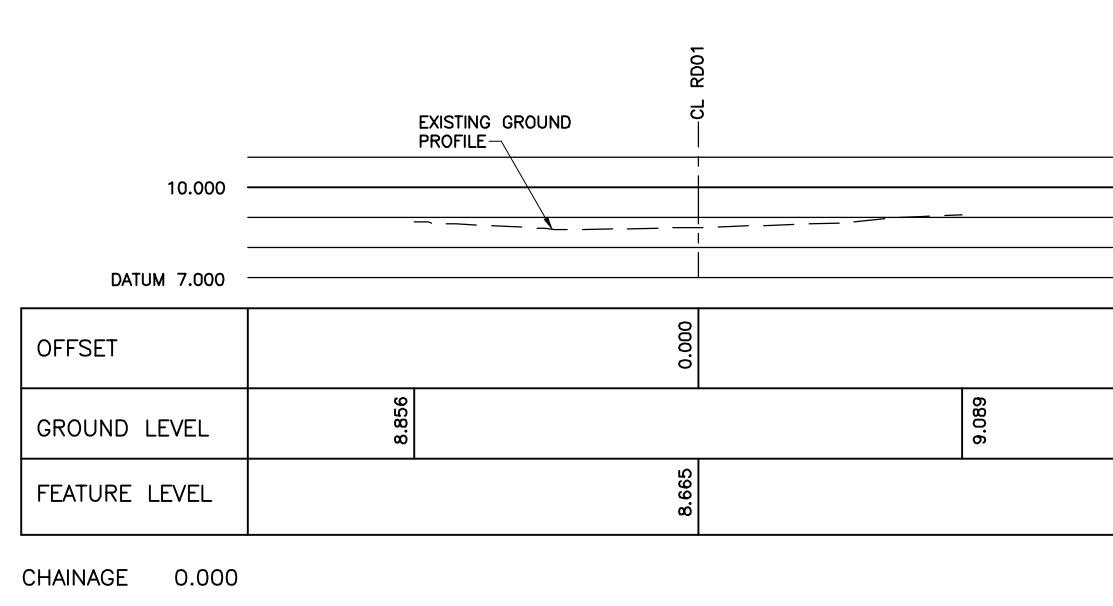
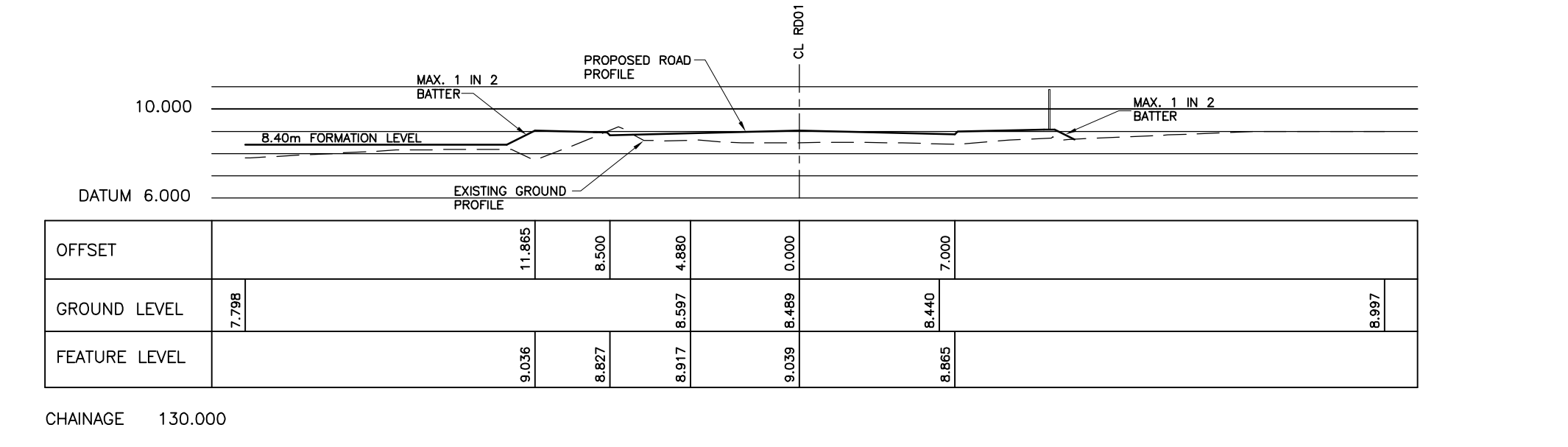
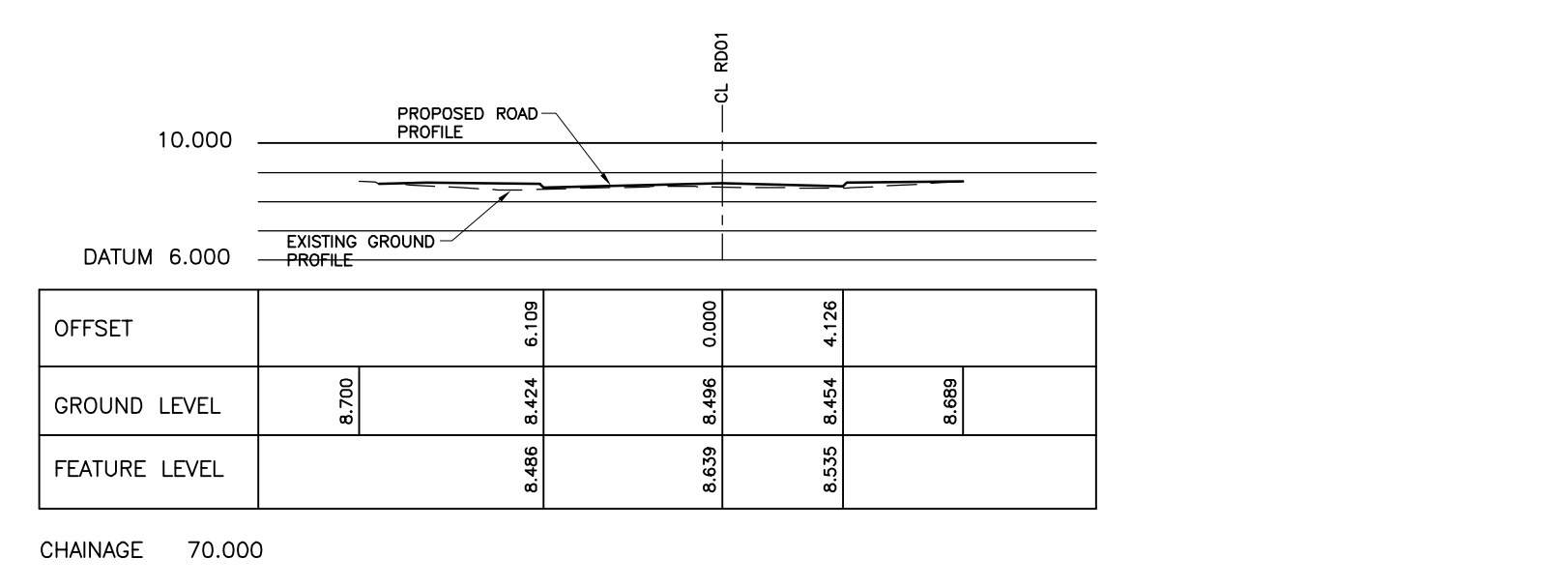
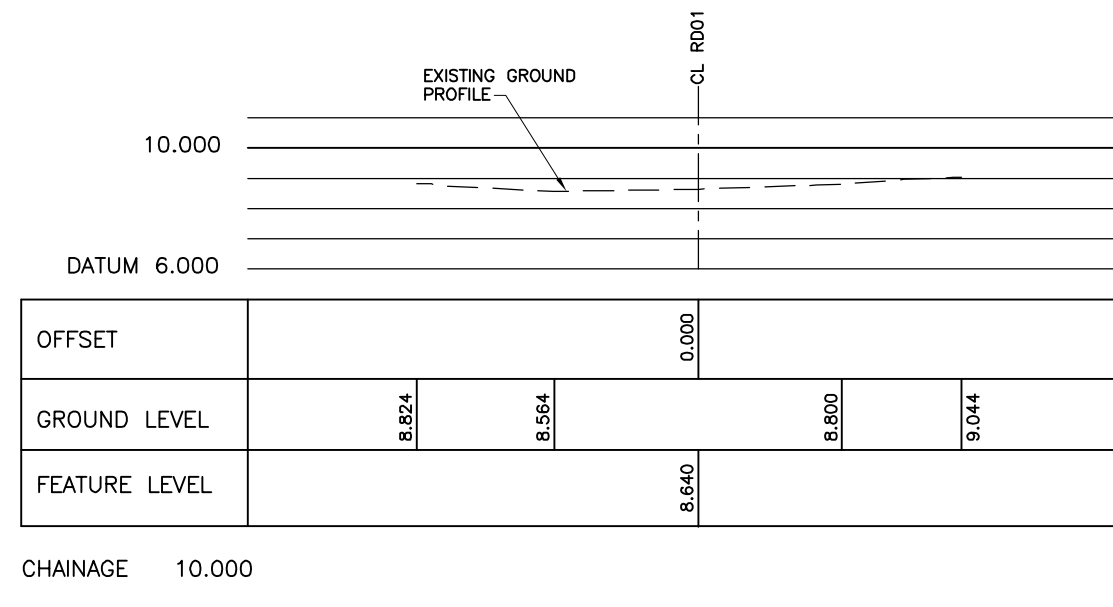
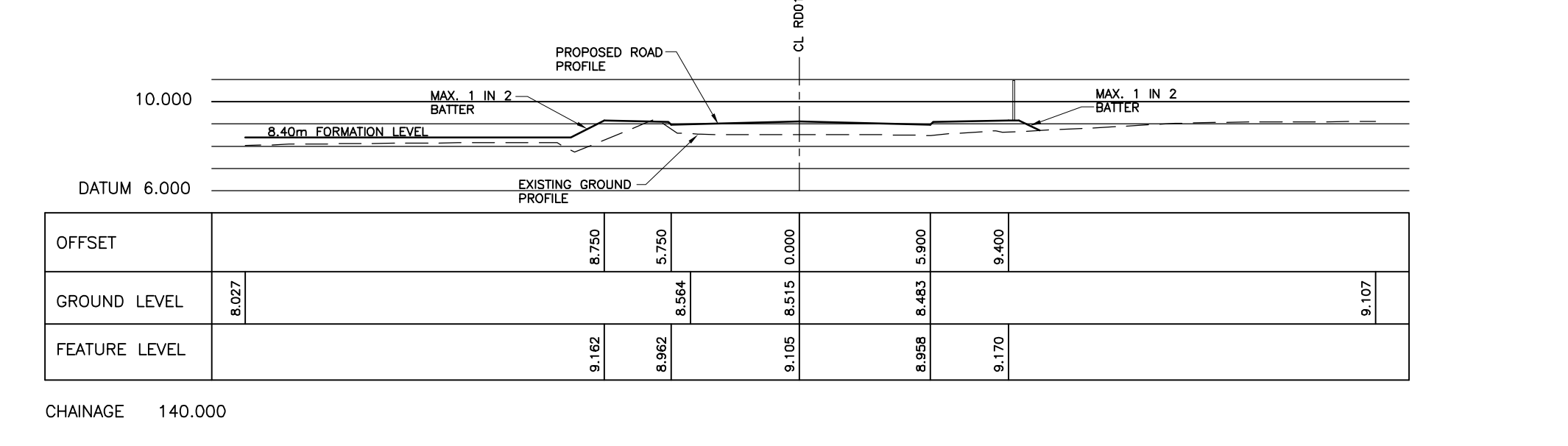
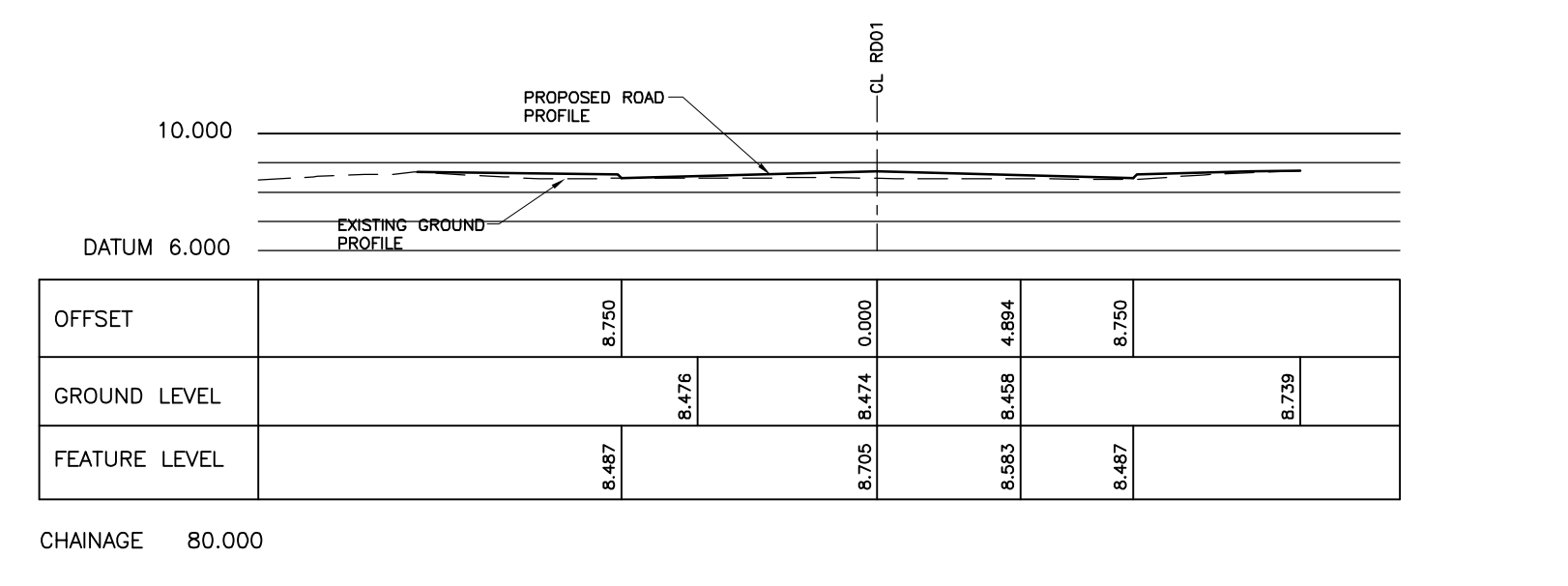
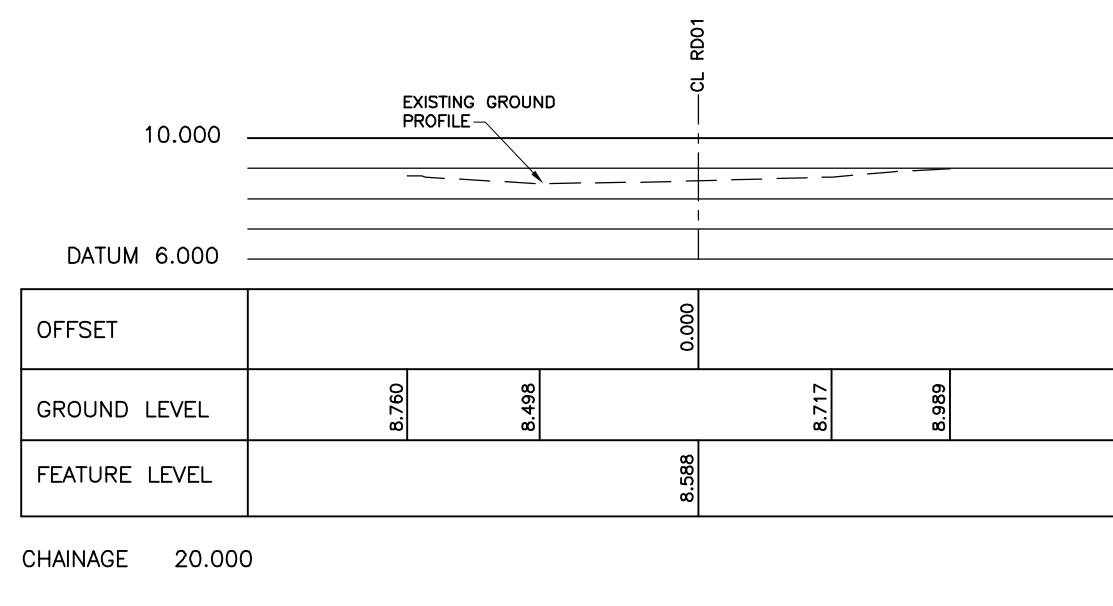
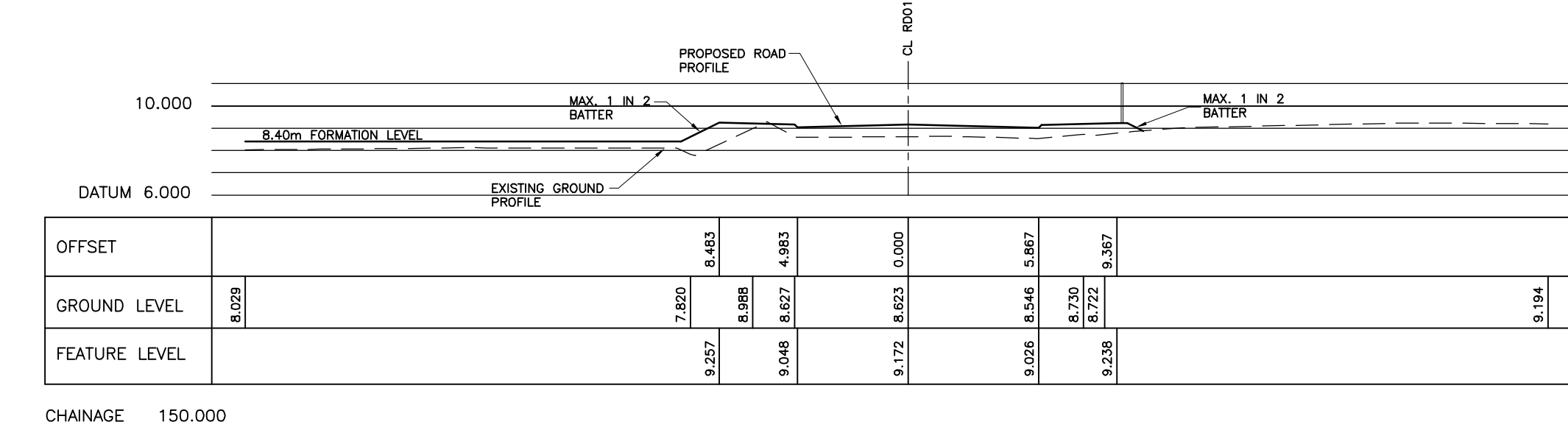
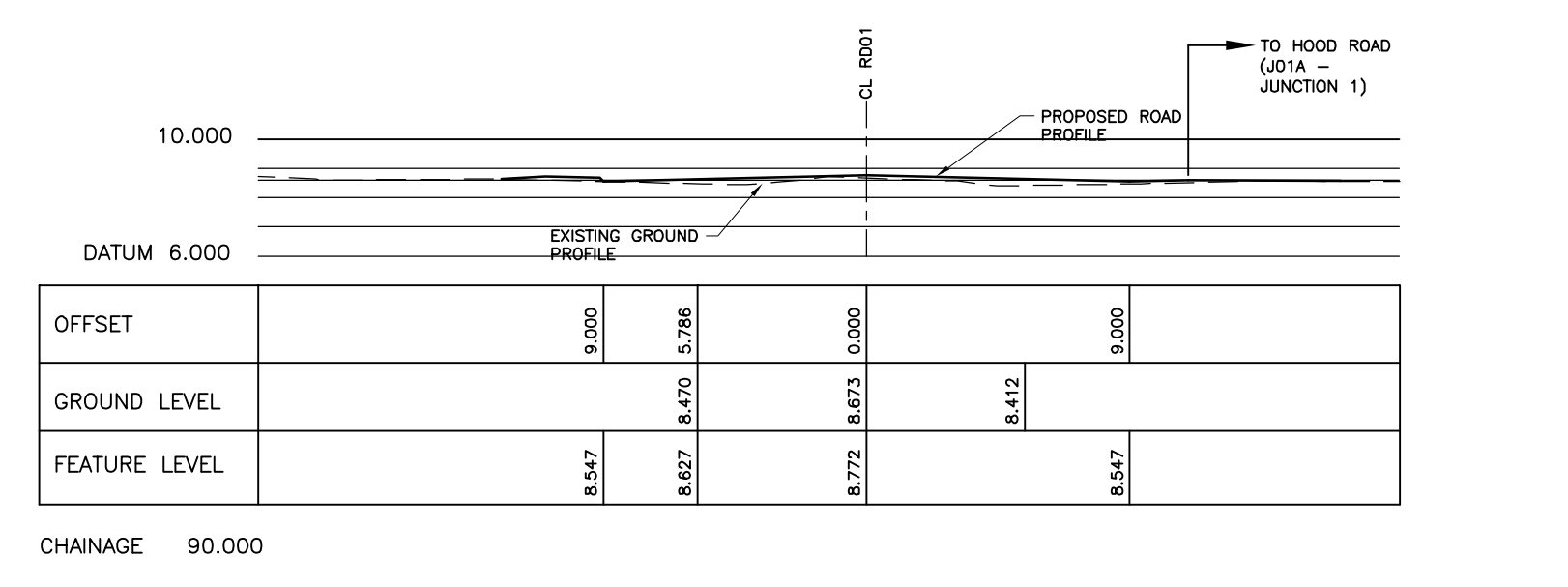
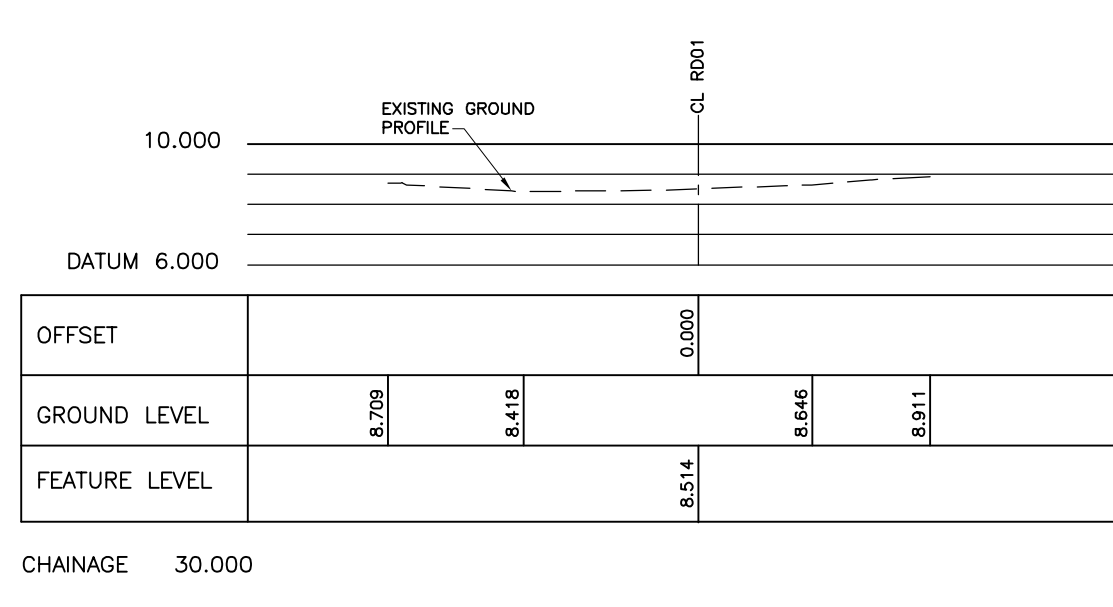
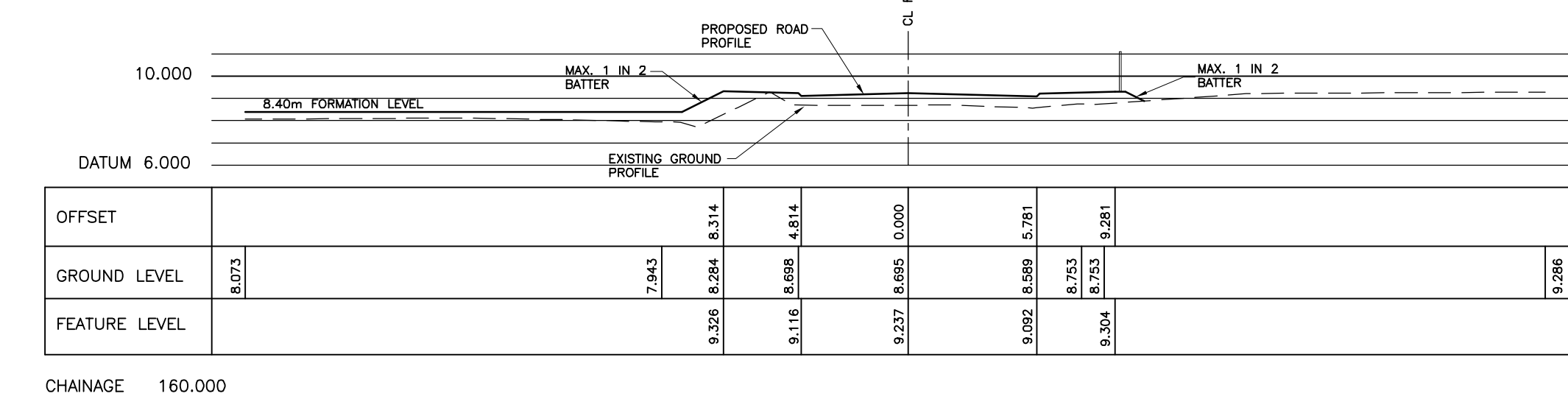
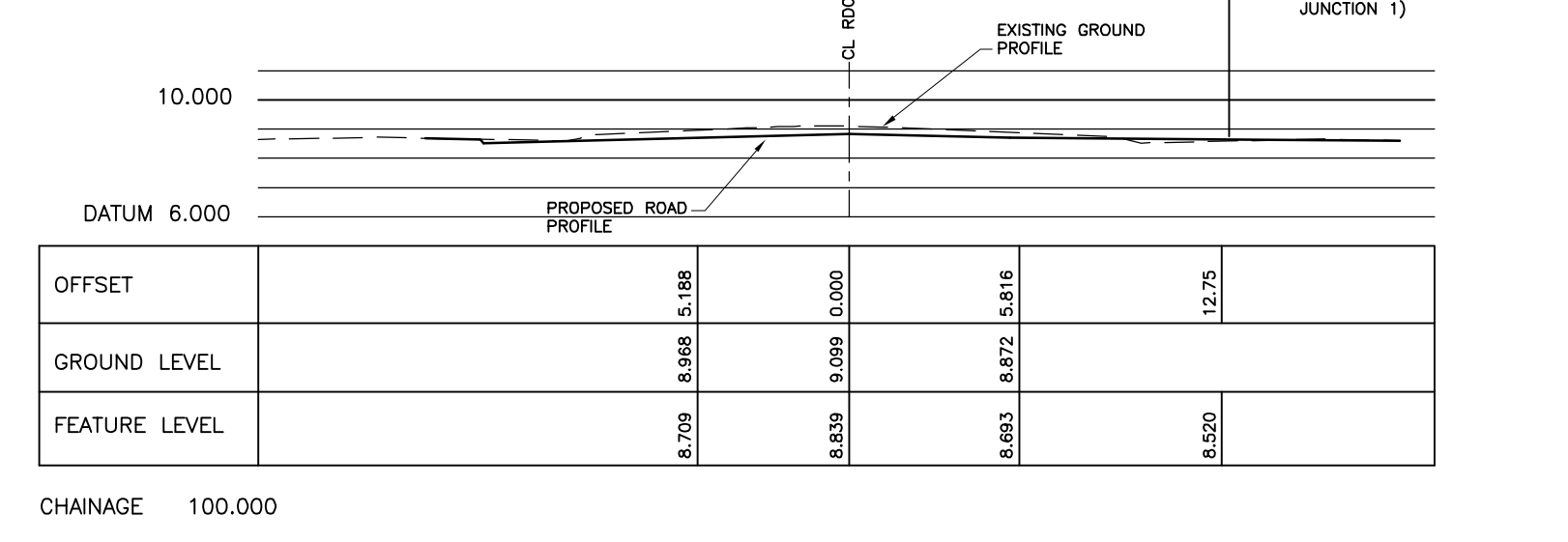
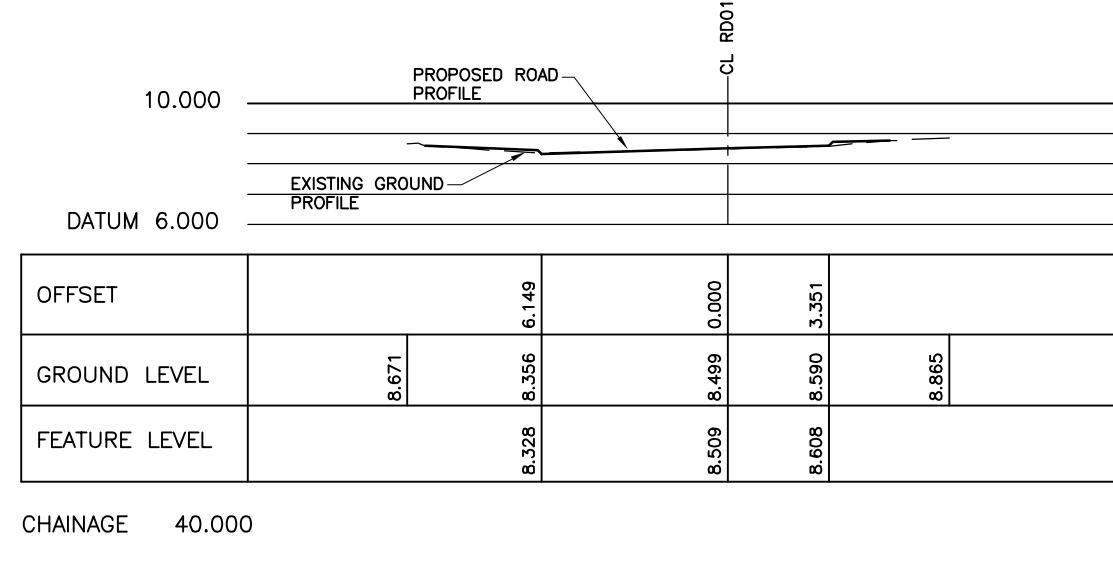
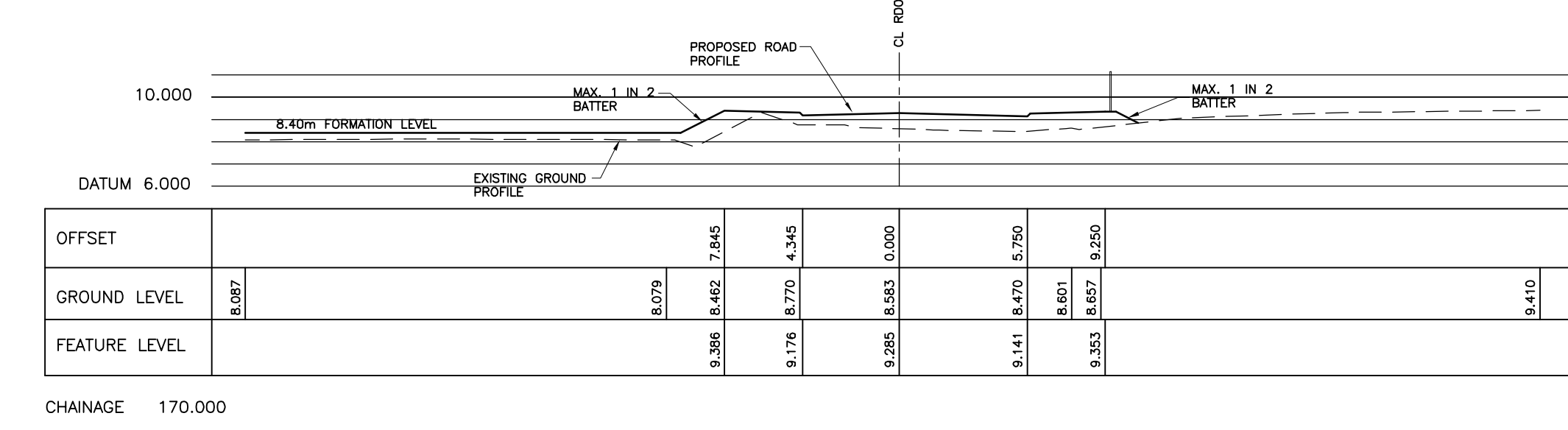
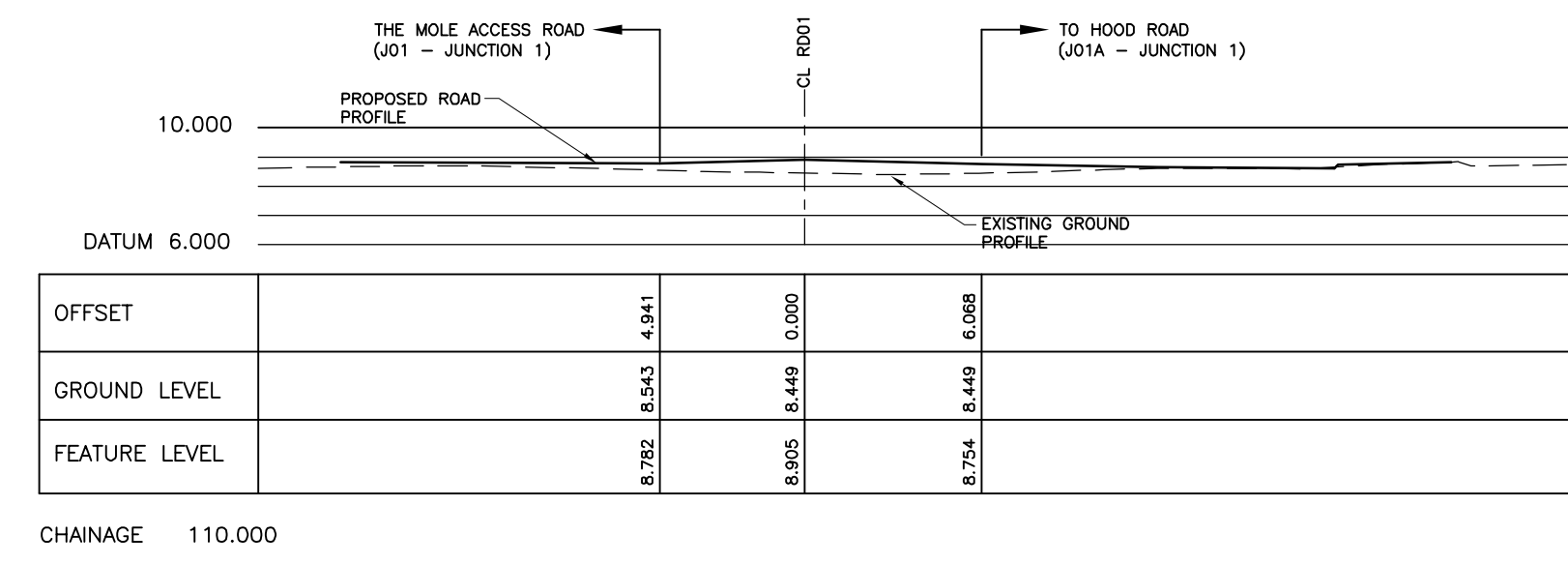
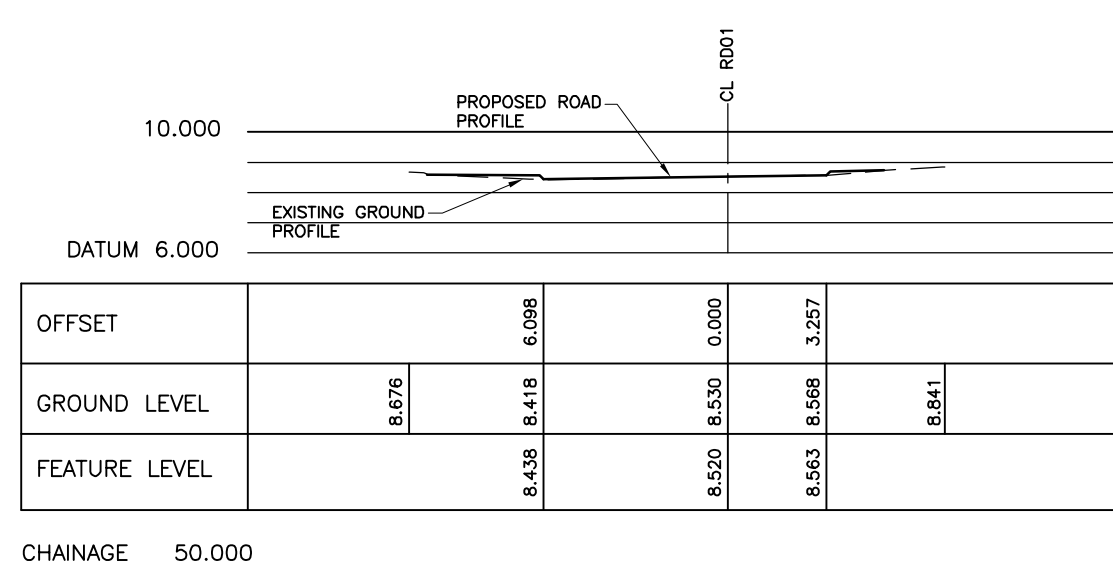


NOTES

1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERING DRAWINGS
2. DO NOT SCALE FROM THIS DRAWING
3. ALL DIMENSIONS IN METRES UNLESS STATED OTHERWISE



PLANNING

C	TL	TL	JUNCTION 2 REVISED, TEMP ACCESS TO STEAM RAILWAY AND 3.5m FOOTWAY/CYCLWAY ADDED BETWEEN JUNCTION 1 AND 1ST TOUCAN CROSSING.	MAR'12
B	TP	TP	RETAINING WALL OMITTED AT SECTION CH120-170	MAY'11
A	TP	TP	RETAINING WALL DETAIL AMENDED AT SECTION CH120-170	JAN'11

REV	BY	CHK	DESCRIPTION	DATE
-----	----	-----	-------------	------



8 Oldfield Road,
Bosham Park,
Purton, CR 3LJ
Tel: 01455 861000
Fax: 01455 865517
E-mail: mail@healerassociates.co.uk
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Unit 12, The Croft
Bunford Drive
Stoke Heath
Birmingham
B64 4E
E-mail: mail@healerassociates.co.uk
Web Site: www.healerassociates.co.uk

CLIENT: BARRY WATERFRONT CONSORTIUM

DEVELOPMENT: BARRY WATERFRONT DEVELOPMENT
MAIN INFRASTRUCTURE PHASE 1

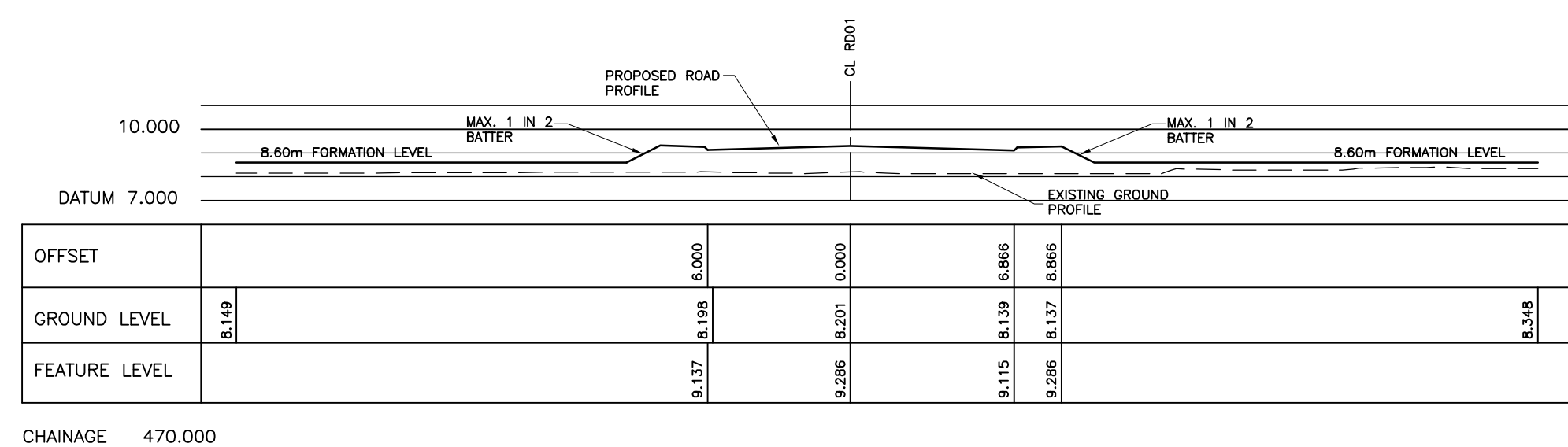
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CH0.0 - 170.00, SHEET 1 OF 5

SCALE (S): 1:250 NAT

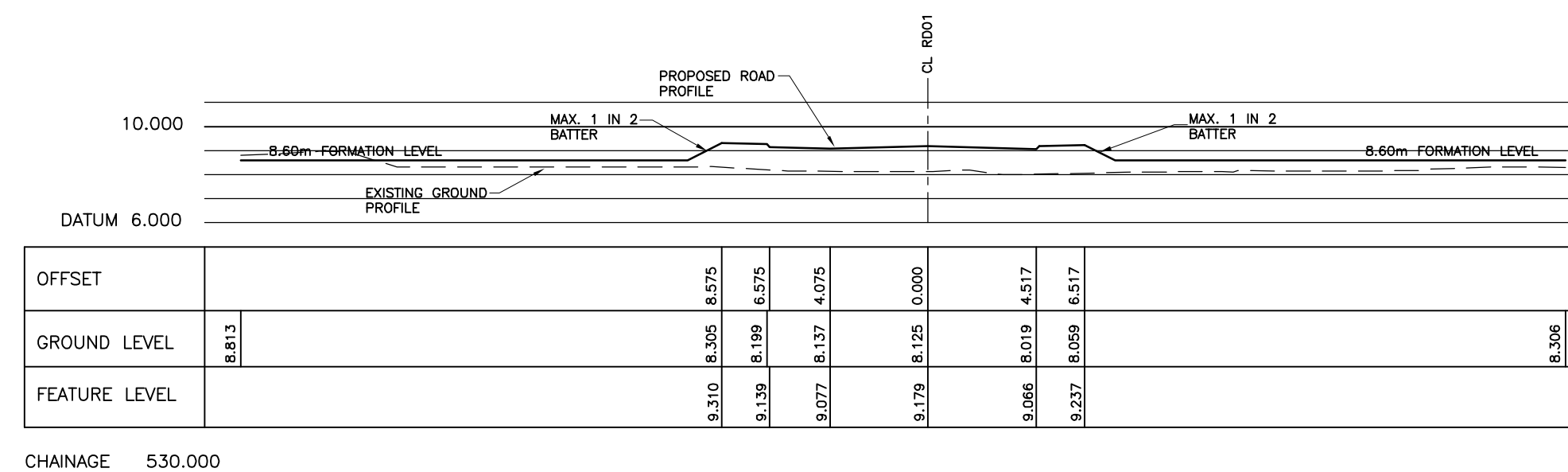
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DRAWING NUMBER: 3572_P1100 REVISION: C

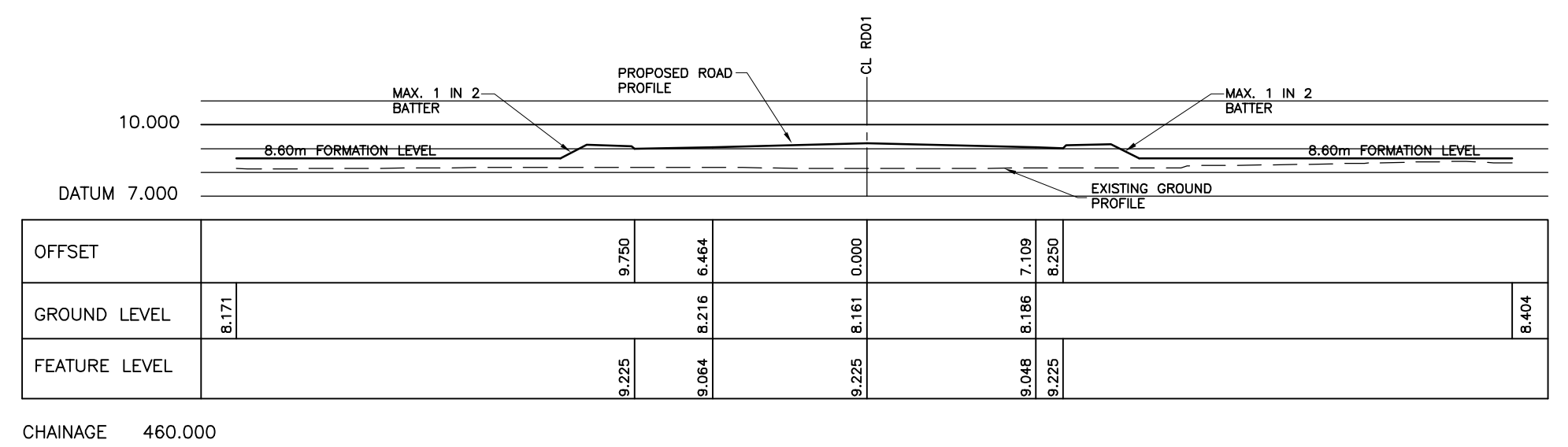
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2. DO NOT SCALE FROM THIS DRAWING
3. ALL DIMENSIONS IN METRES UNLESS STATED OTHERWISE



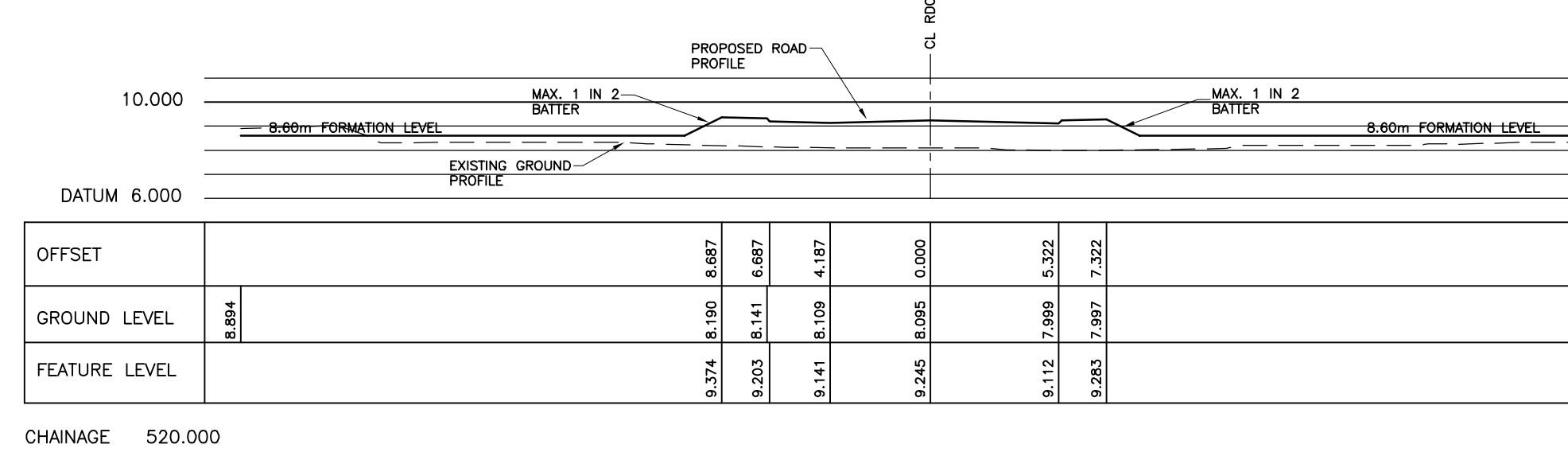
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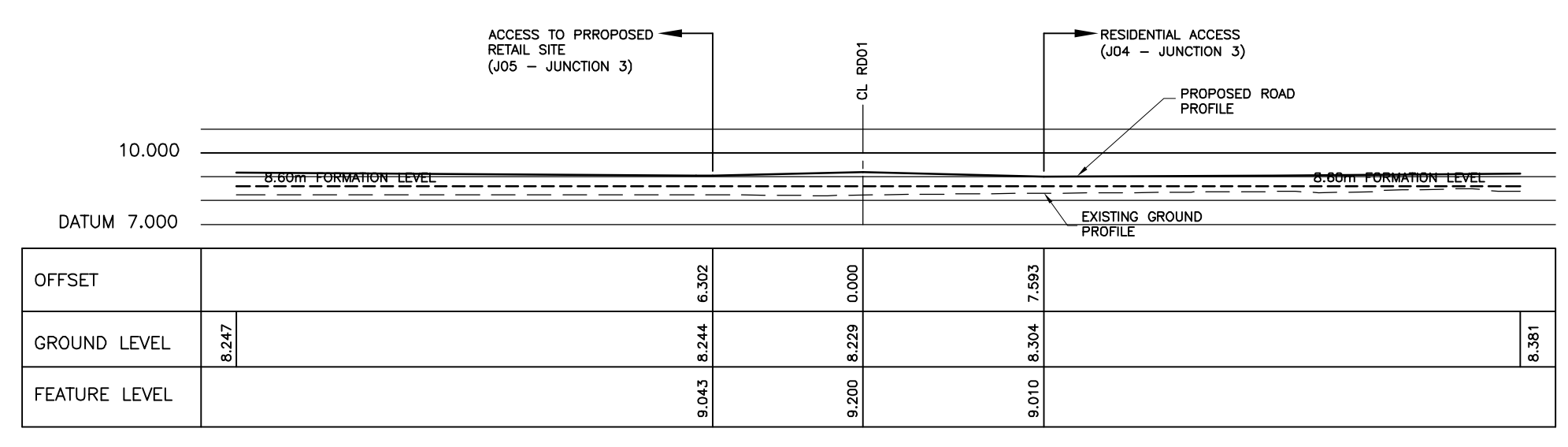
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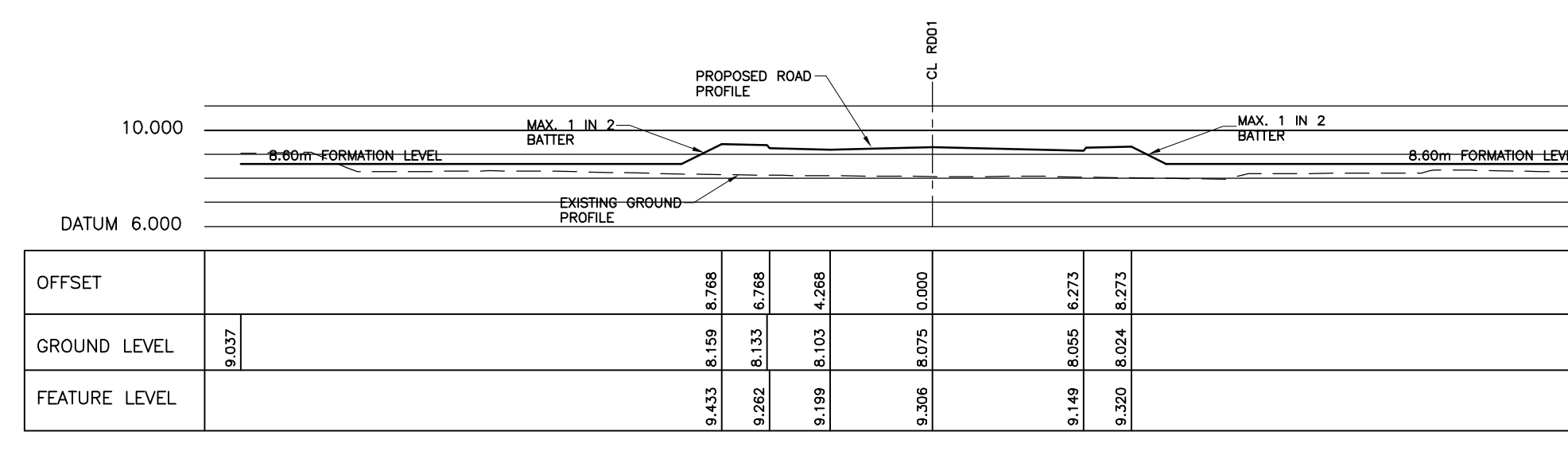
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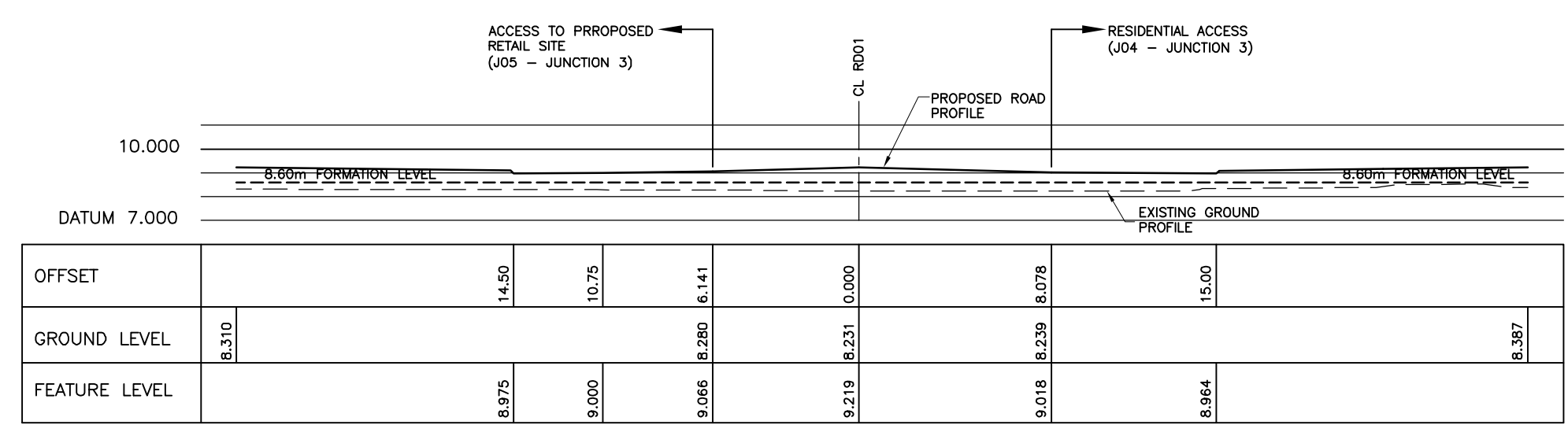
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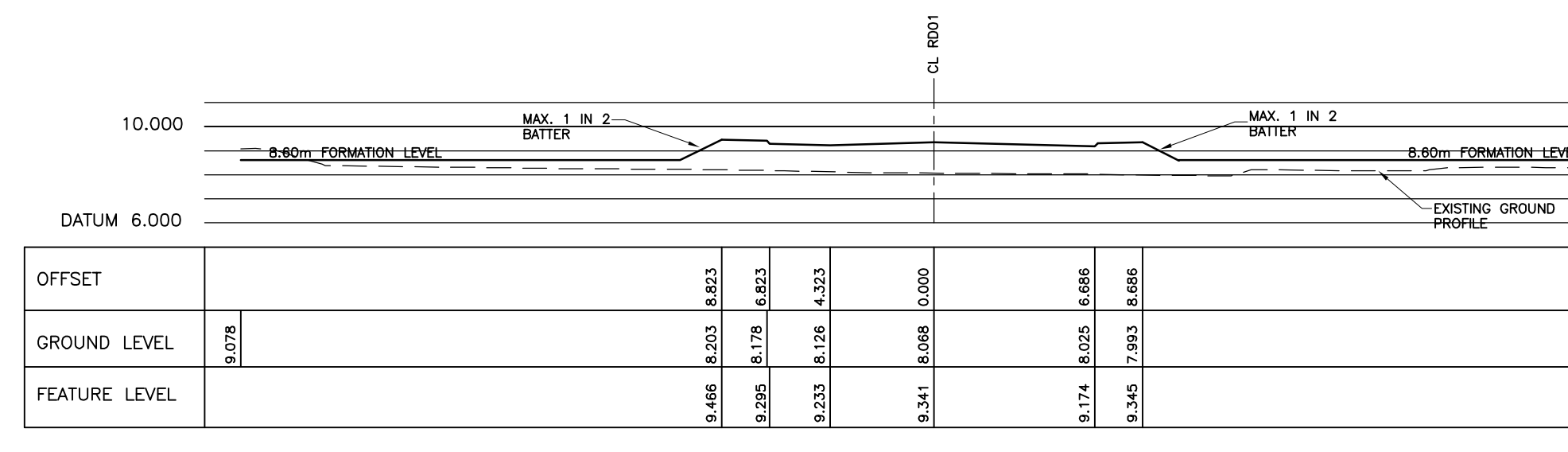
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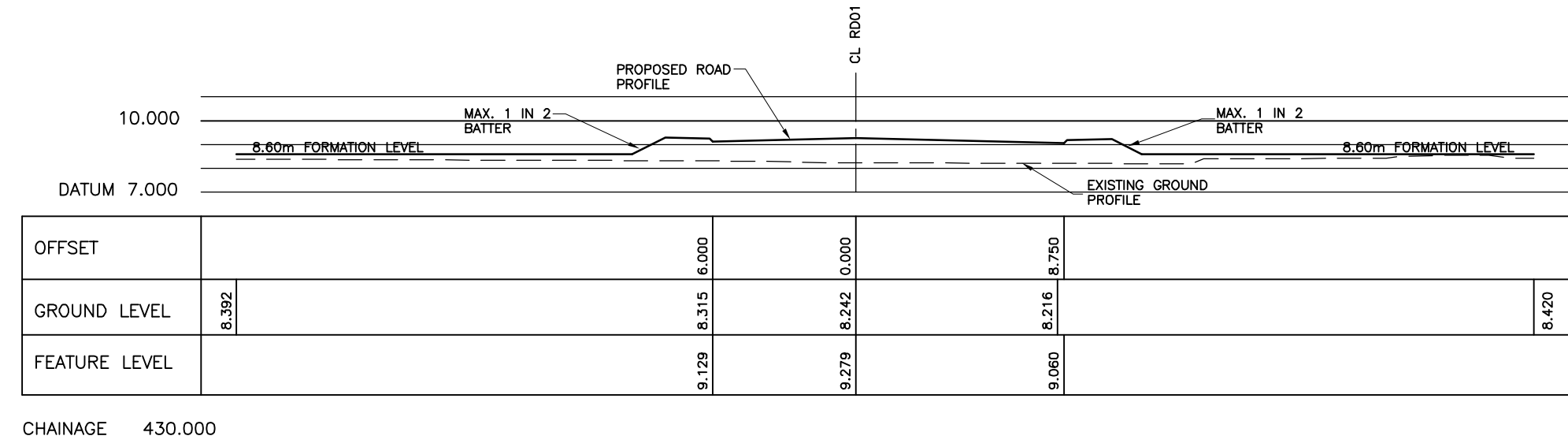
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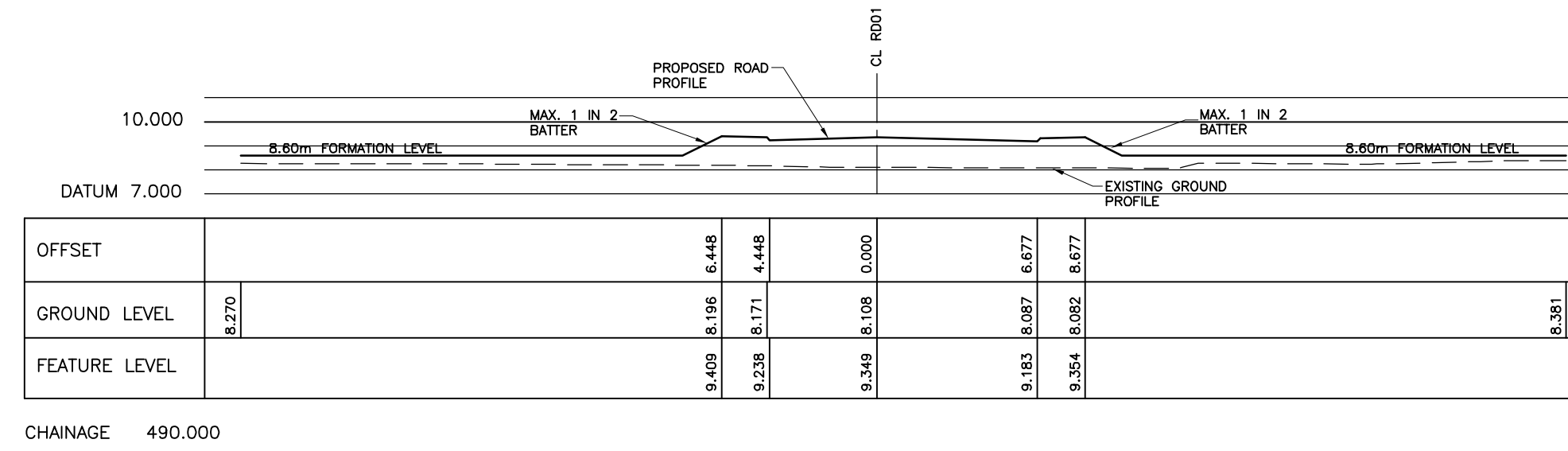
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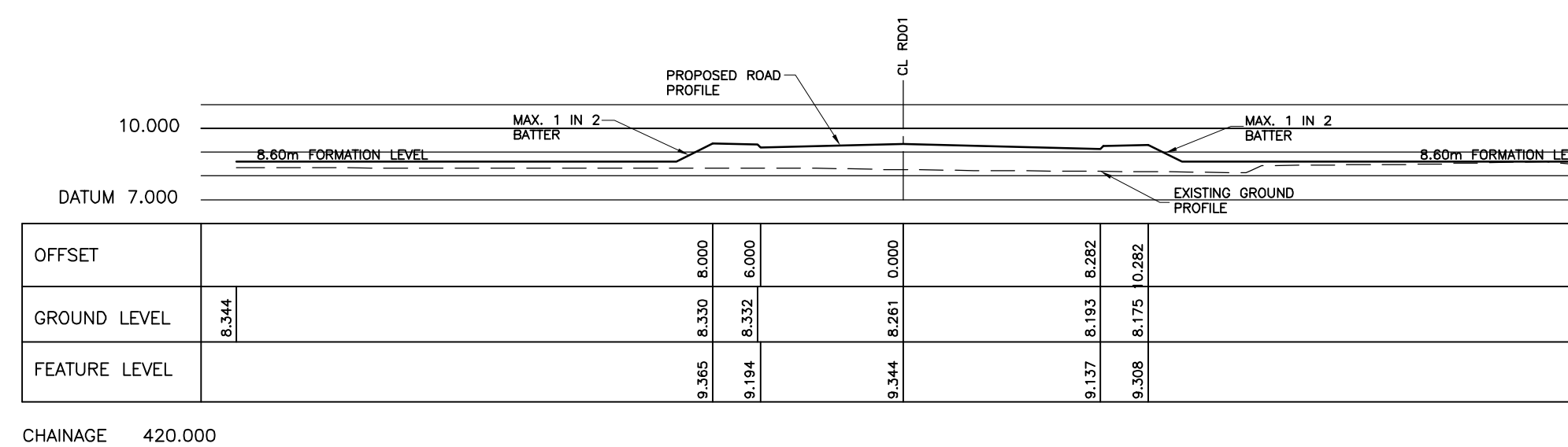
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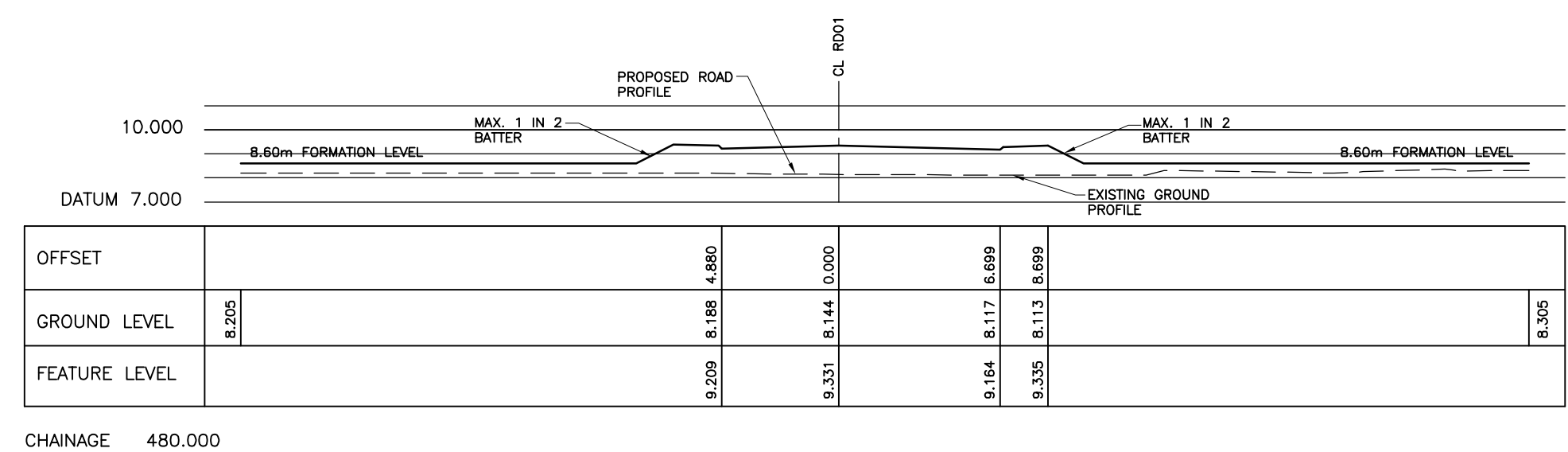
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CHAINAGE 490.000




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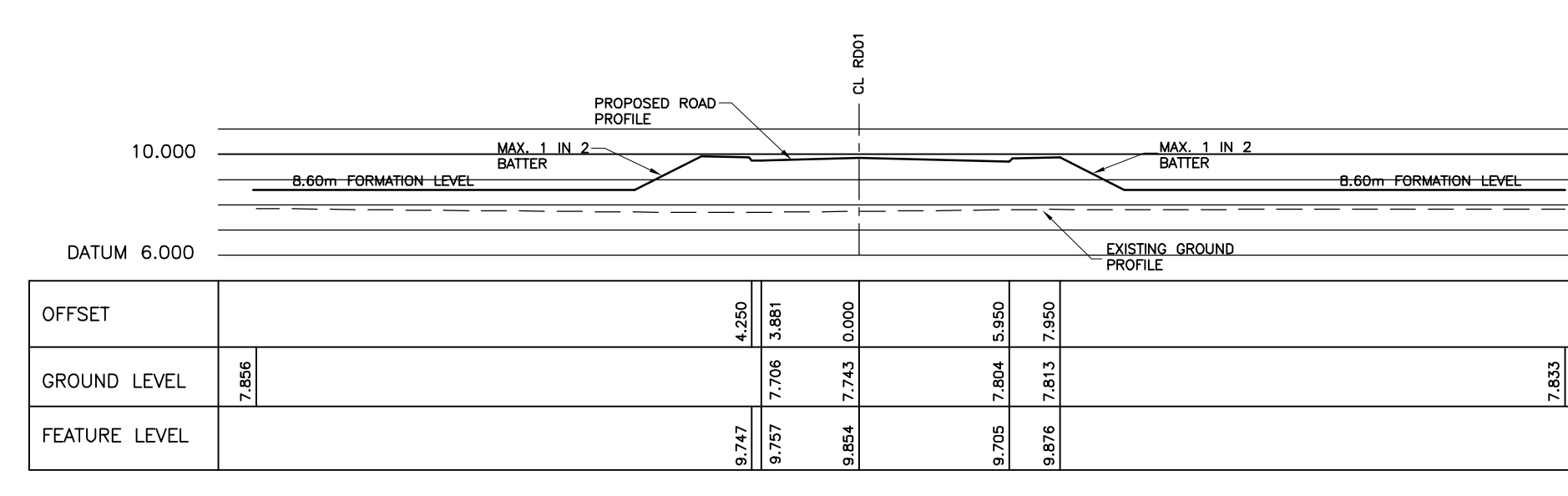
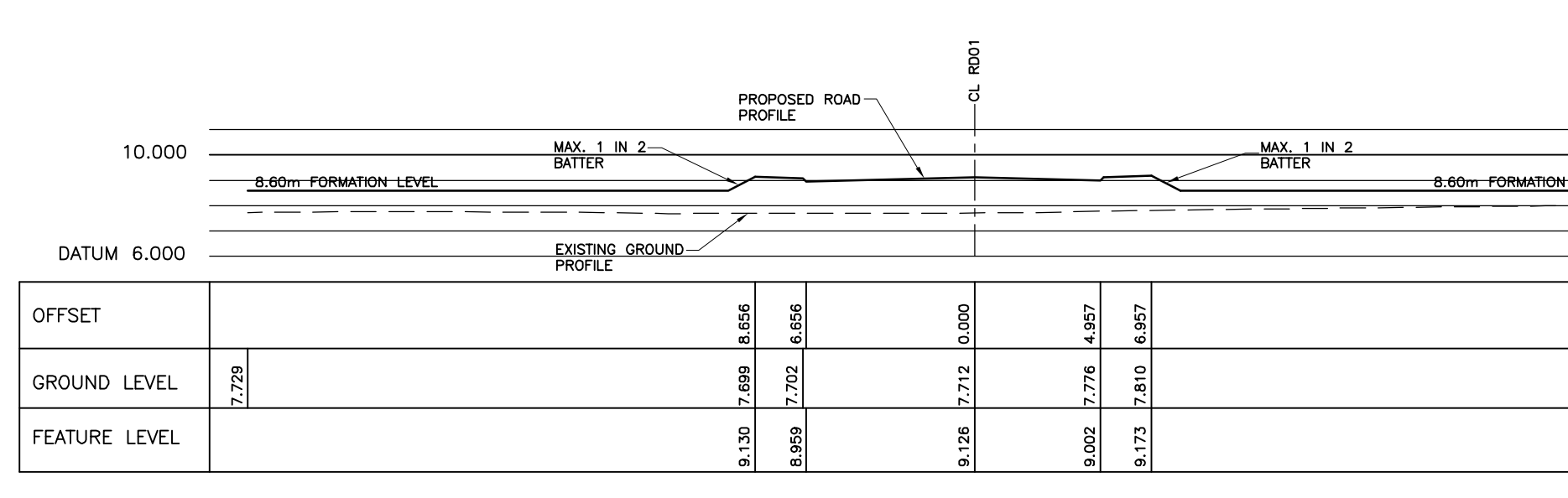
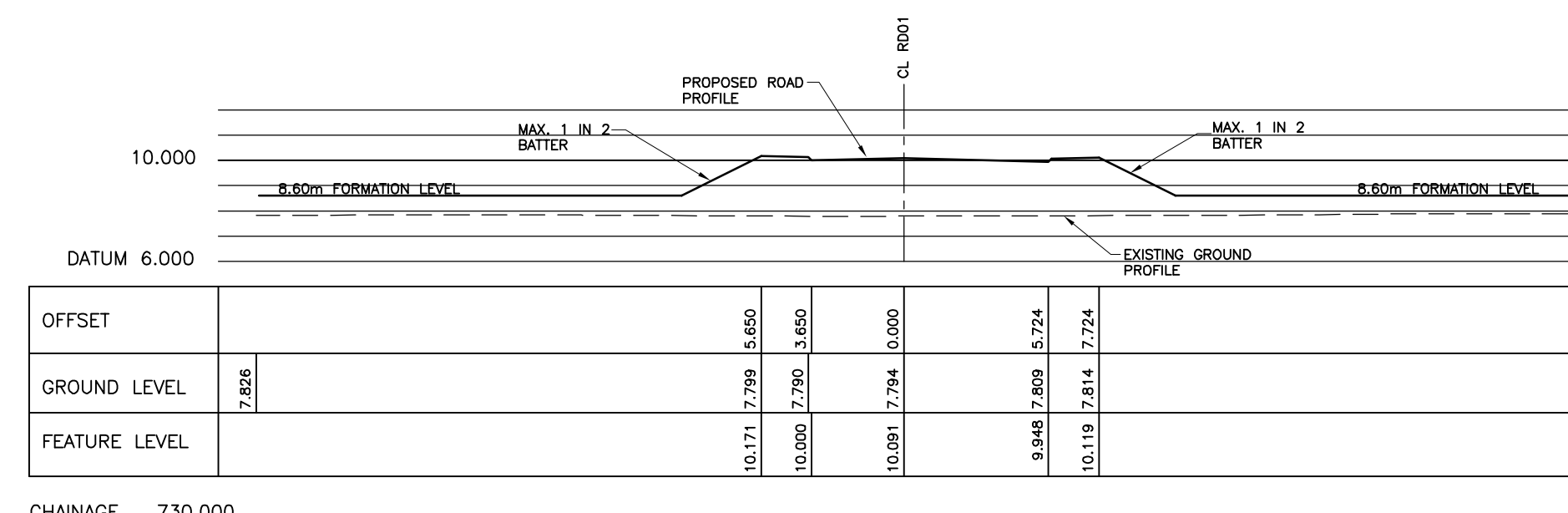
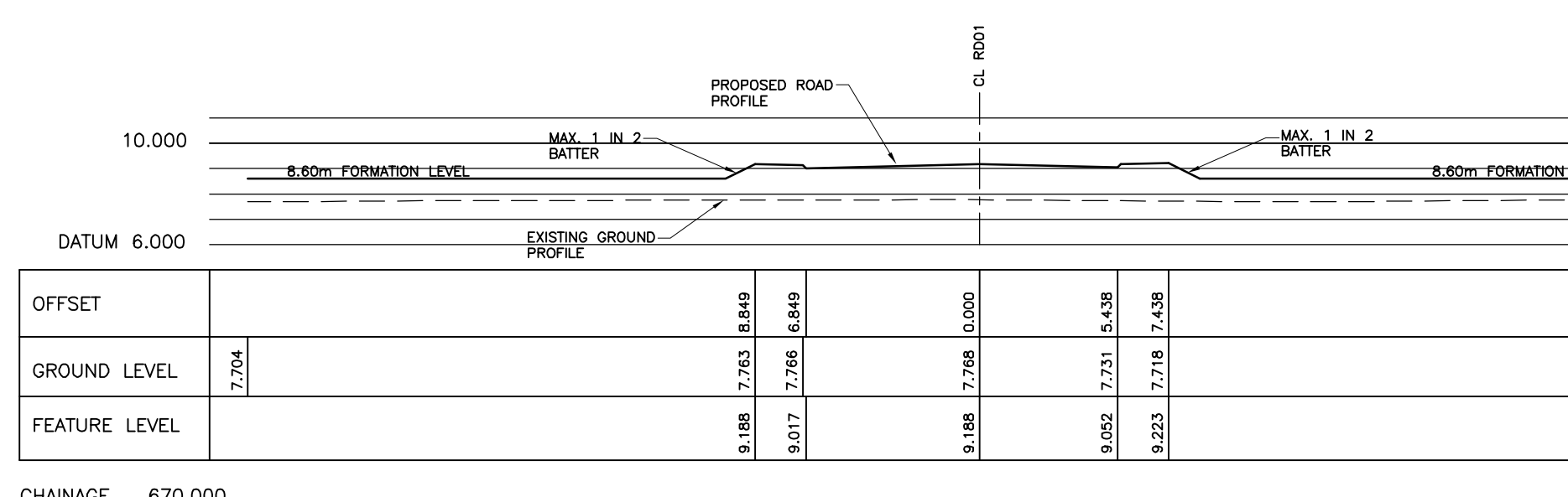
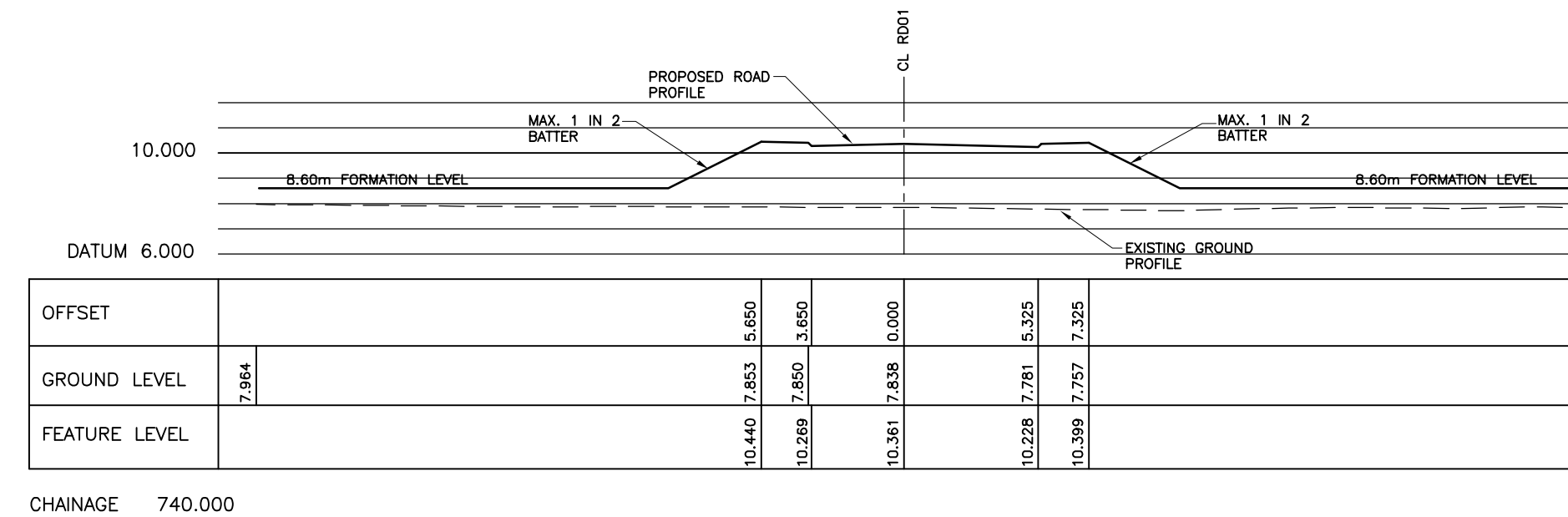
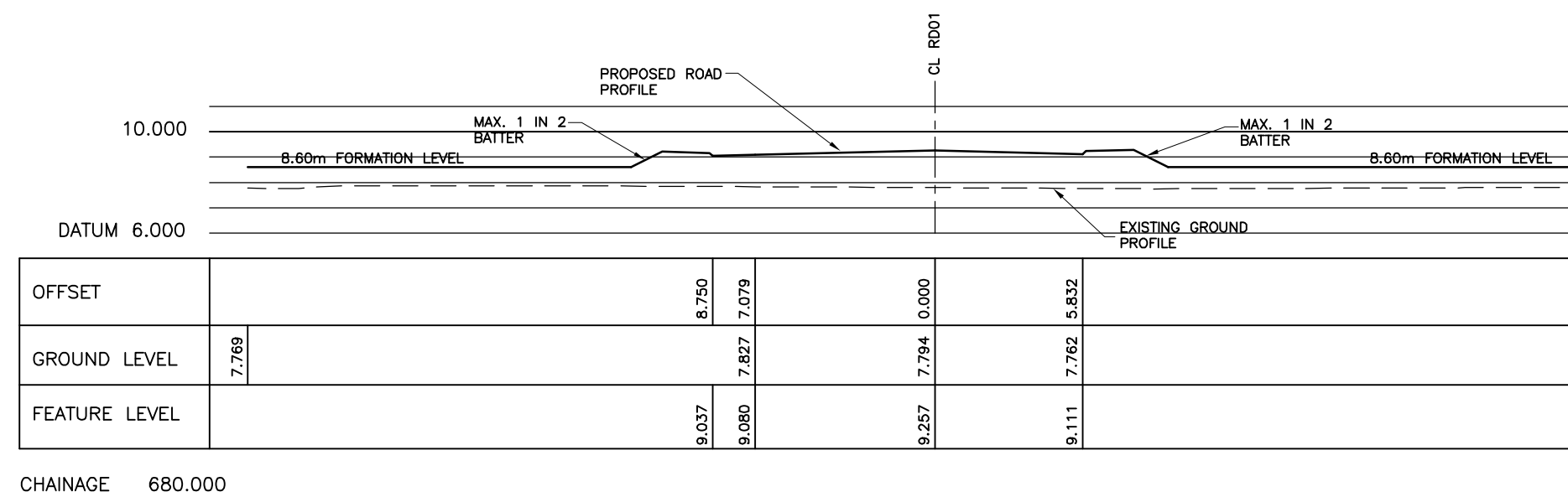
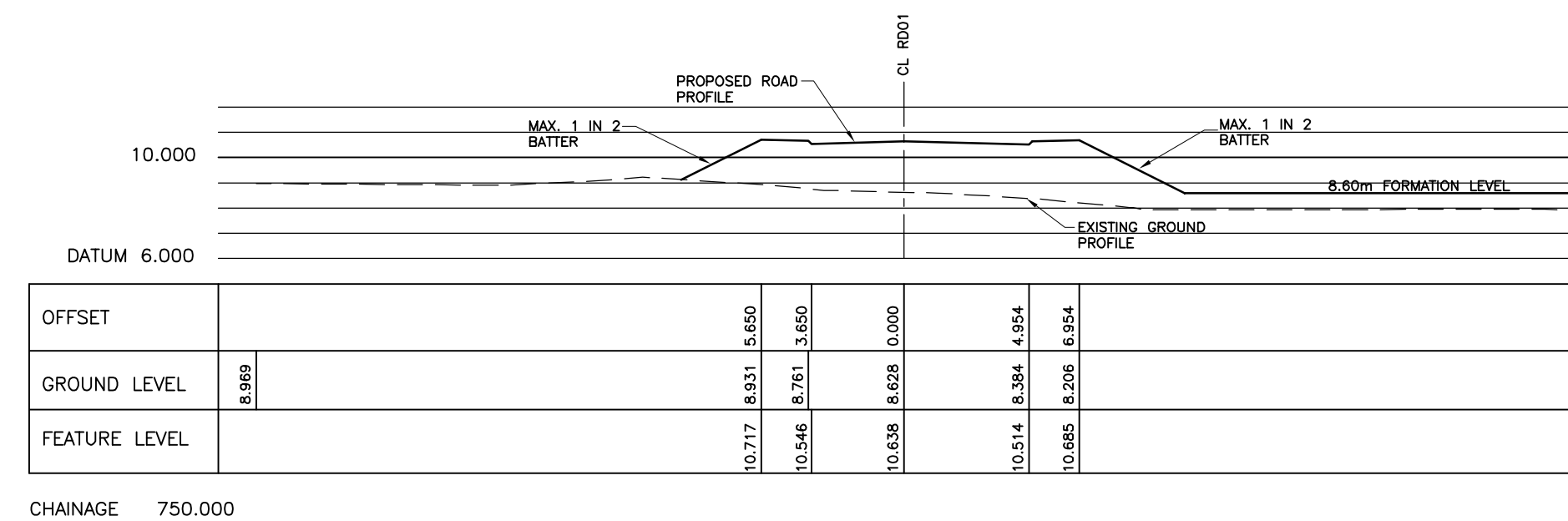
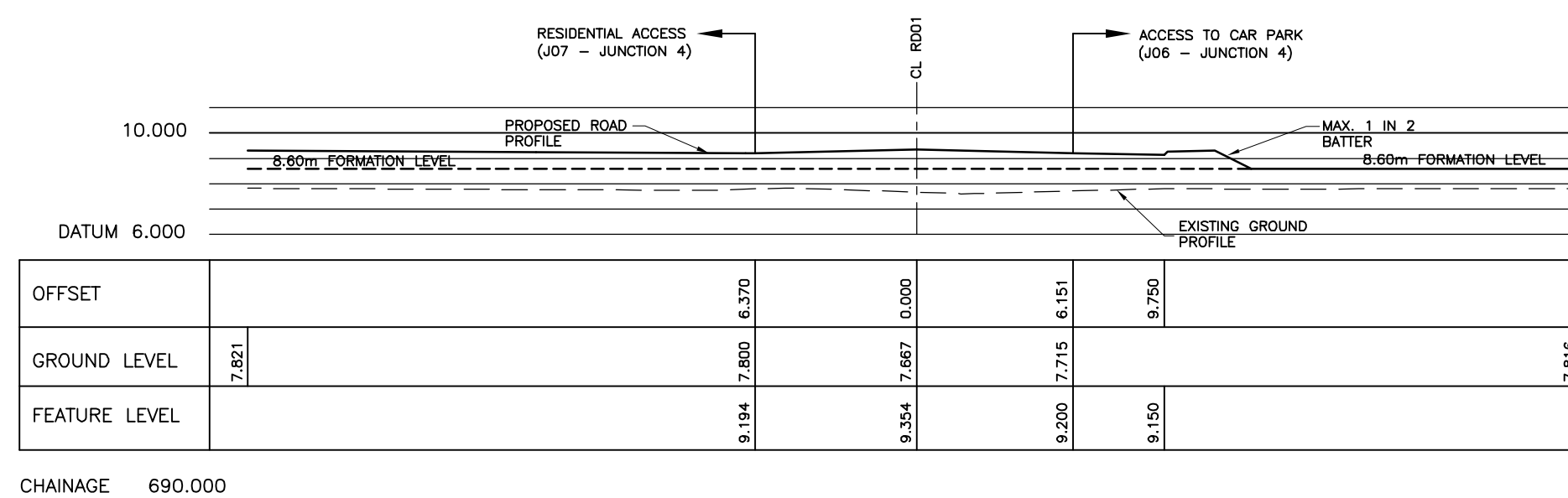
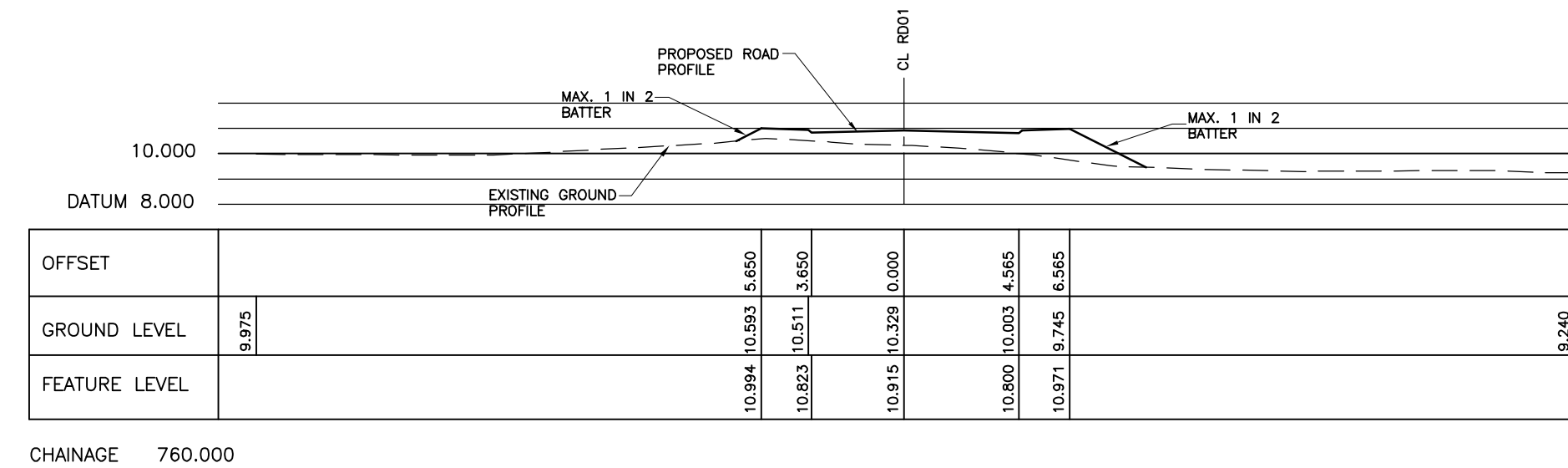
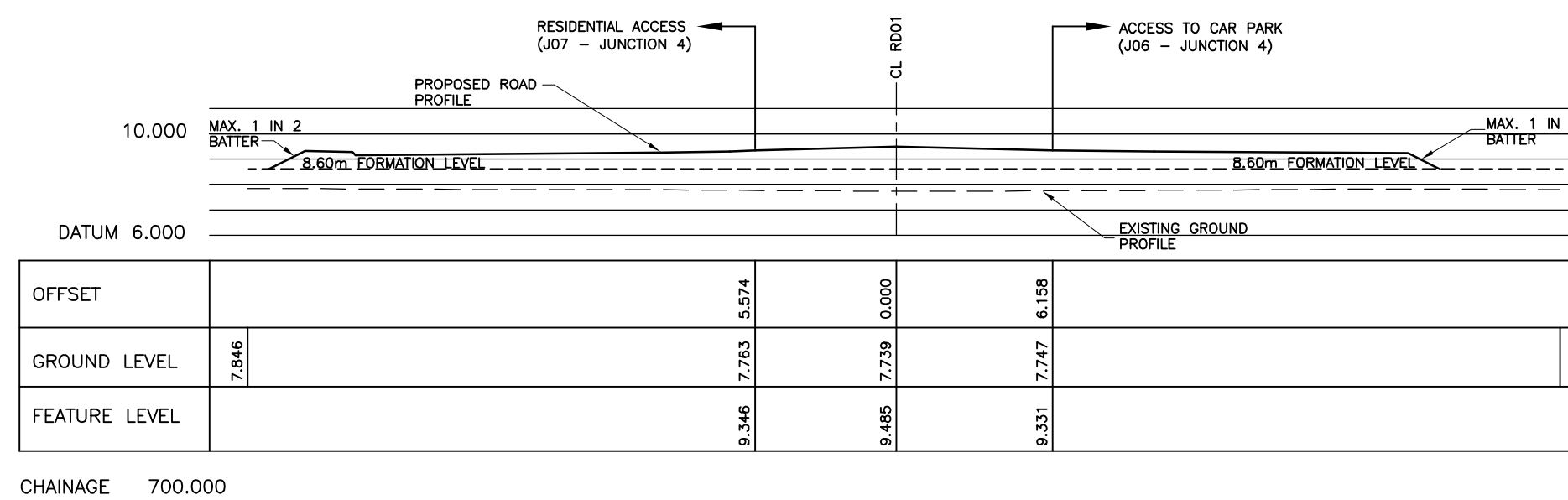
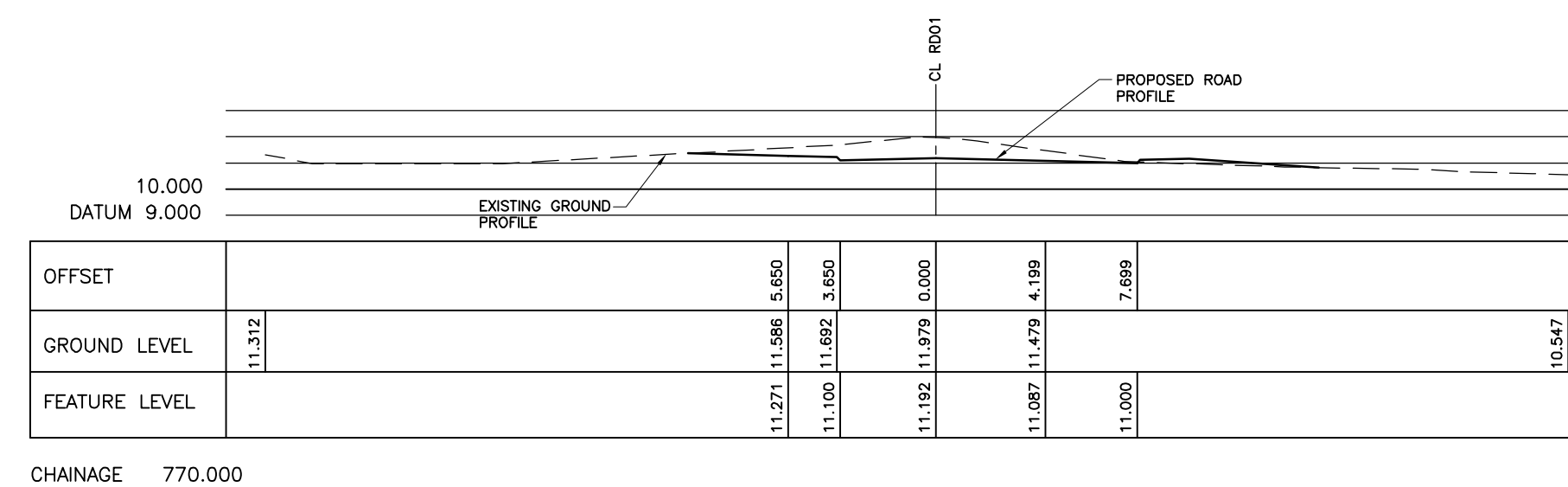
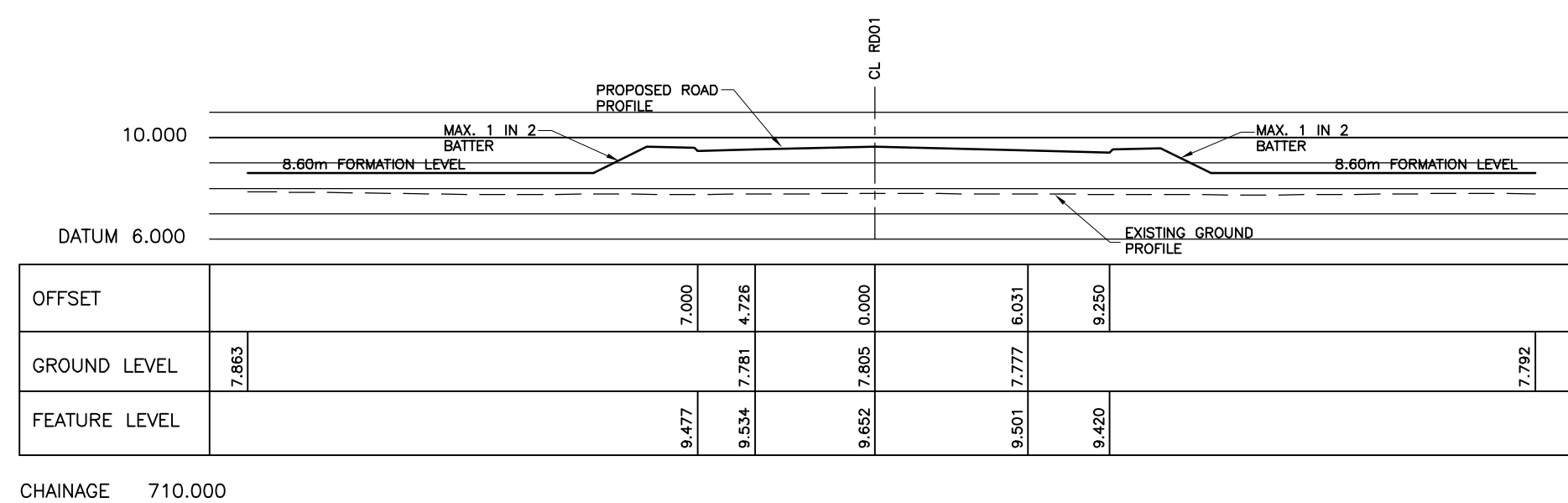


CHAINAGE 480.000

PLANNING

REV	BY	CHK	DESCRIPTION	DATE	
 healer associates					
8 Oldfield Road, Broom Park, Porsocof, CF35 5LJ Tel: 01656 861000 Fax: 01656 865317 E-mail: mail@healerassociates.co.uk Web site: www.healerassociates.co.uk			Unit 12, The Croft Bumbard Drive Stoke Heath Bromsgrove B61 4JE E-mail: mail@healerassociates.co.uk Web site: www.healerassociates.co.uk		
CLIENT: BARRY WATERFRONT CONSORTIUM					
DEVELOPMENT: BARRY WATERFRONT DEVELOPMENT					
TITLE: LINK ROAD CROSS SECTION (RD01) CH420.00 - 530.00, SHEET 4 OF 7					
SCALE (S): 1:250 NAT					
DATE:	DEC'10	DRAWN:	TP	CHKD BY:	SZL
DRAWING NUMBER:	3572_P1103	REVISION:			A1

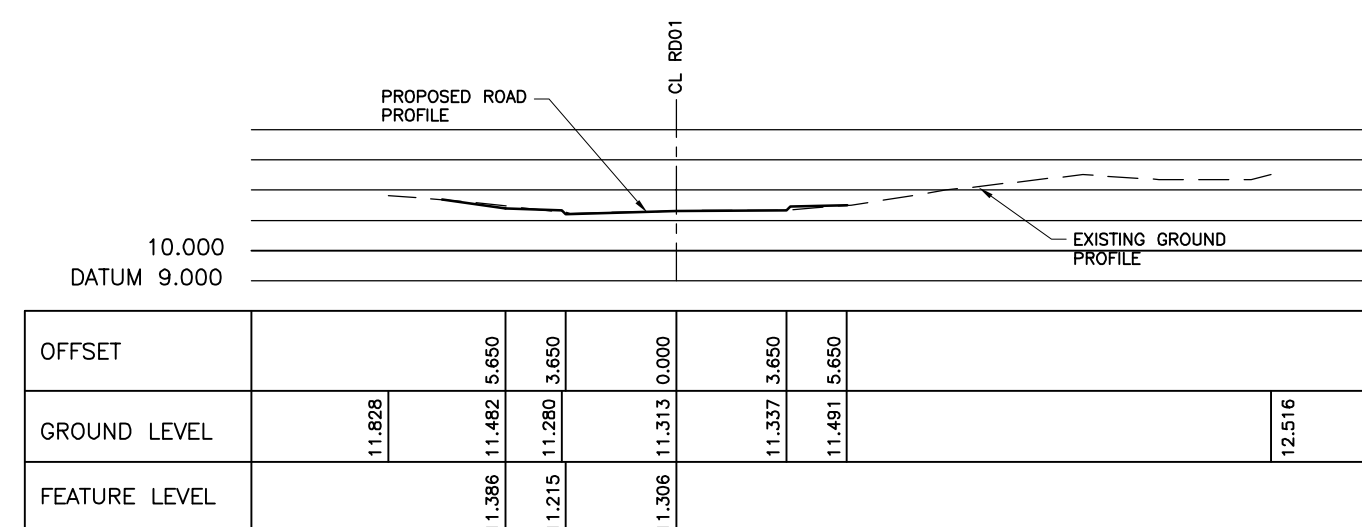
1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERING DRAWINGS
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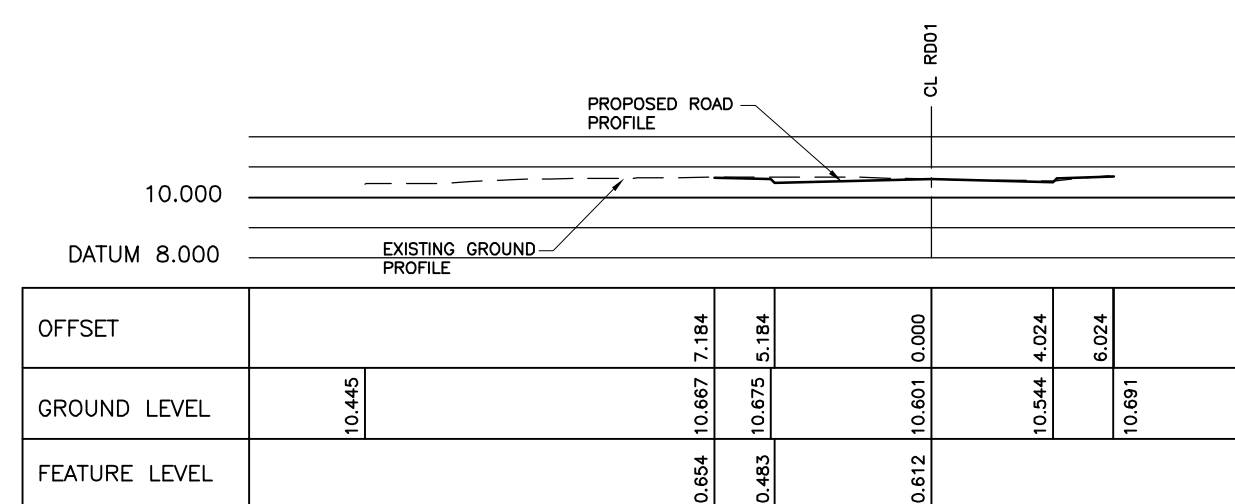
PLANNING

REV	BY	CHK	DESCRIPTION	DATE
8 Oldfield Road, Broom Park, Worcester, CV3 5LJ Tel: 01656 861000 Fax: 01656 865317 E-mail: mail@healerassociates.co.uk Web site: www.healerassociates.co.uk			Unit 12, The Croft Burnford Drive Stoke Heath Birmingham B36 4JE E-mail: mail@healerassociates.co.uk Web site: www.healerassociates.co.uk	
CLIENT: BARRY WATERFRONT CONSORTIUM				
DEVELOPMENT: BARRY WATERFRONT DEVELOPMENT				
TITLE: LINK ROAD CROSS SECTION (RD01) CH660.00 - 770.00, SHEET 6 OF 7				
SCALE (S): 1:250 NAT				
DATE: DEC'10		DRAWN: TP		CHKD BY: []
DRAWING NUMBER: 3572_P1105		REVISION: []		

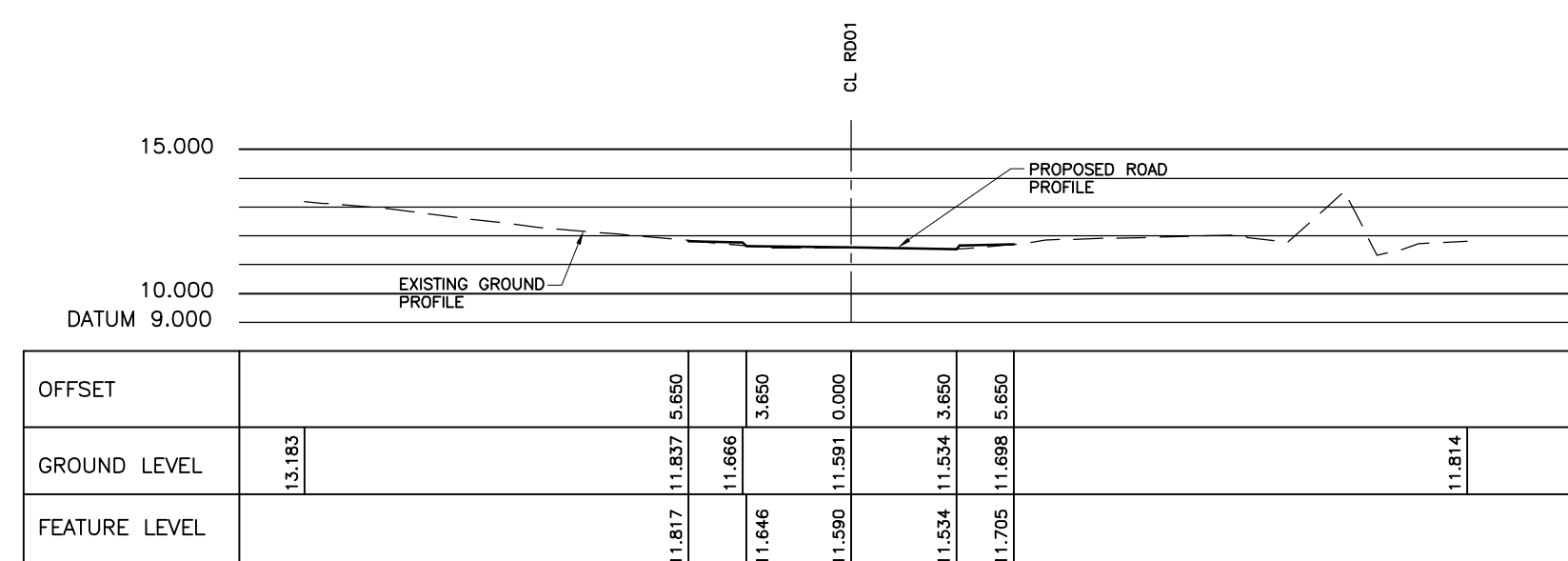
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3. ALL DIMENSIONS IN METRES UNLESS STATED OTHERWISE



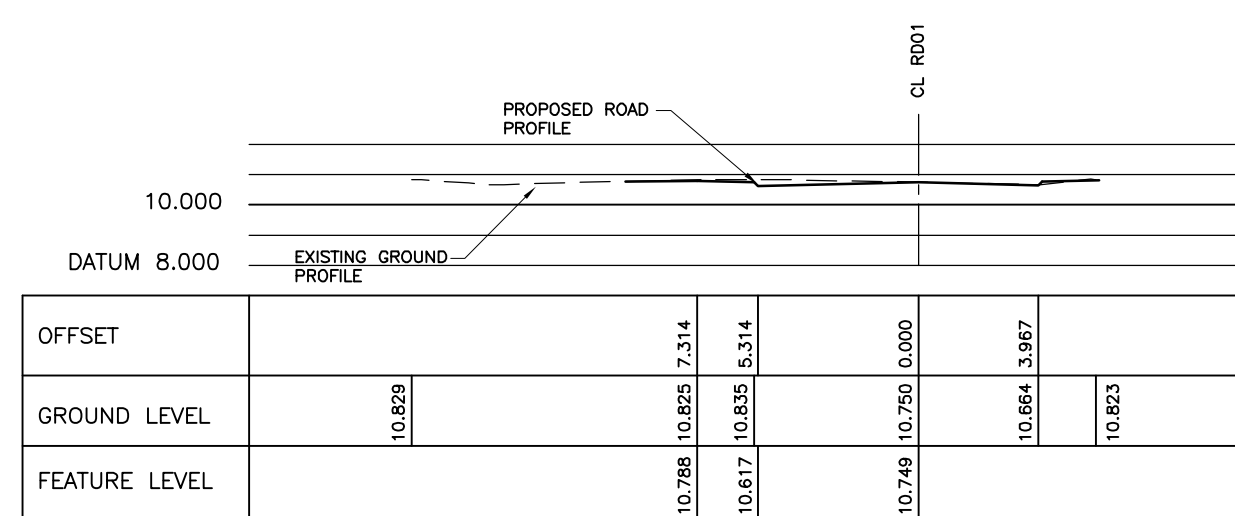
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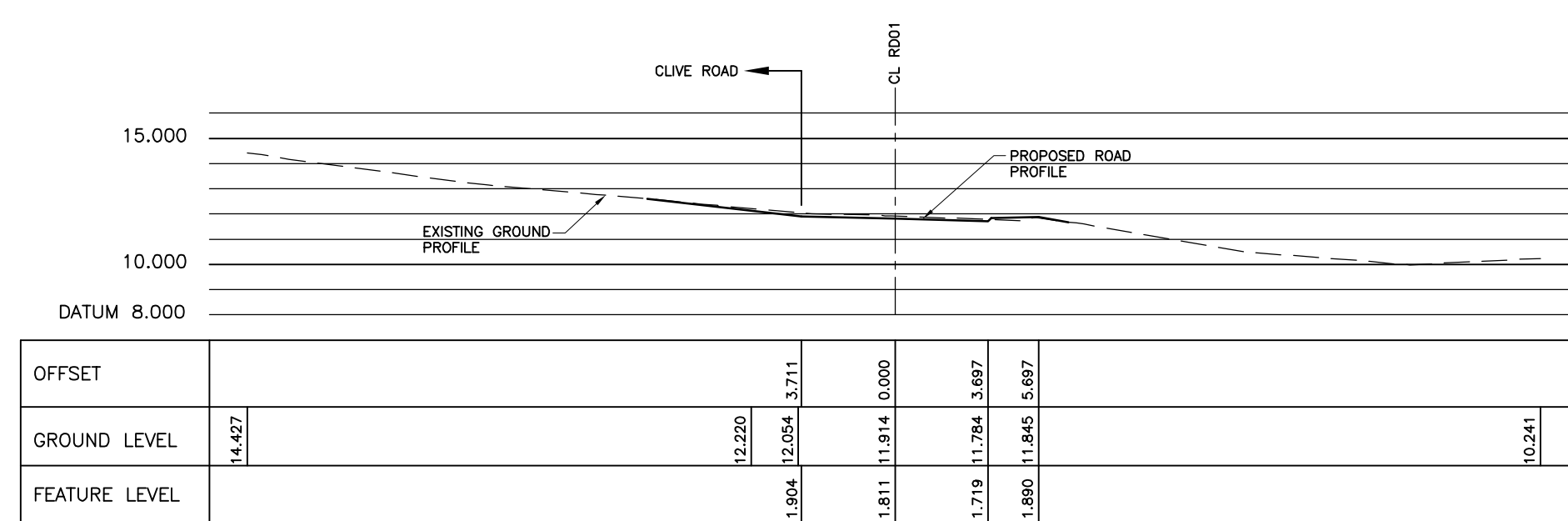
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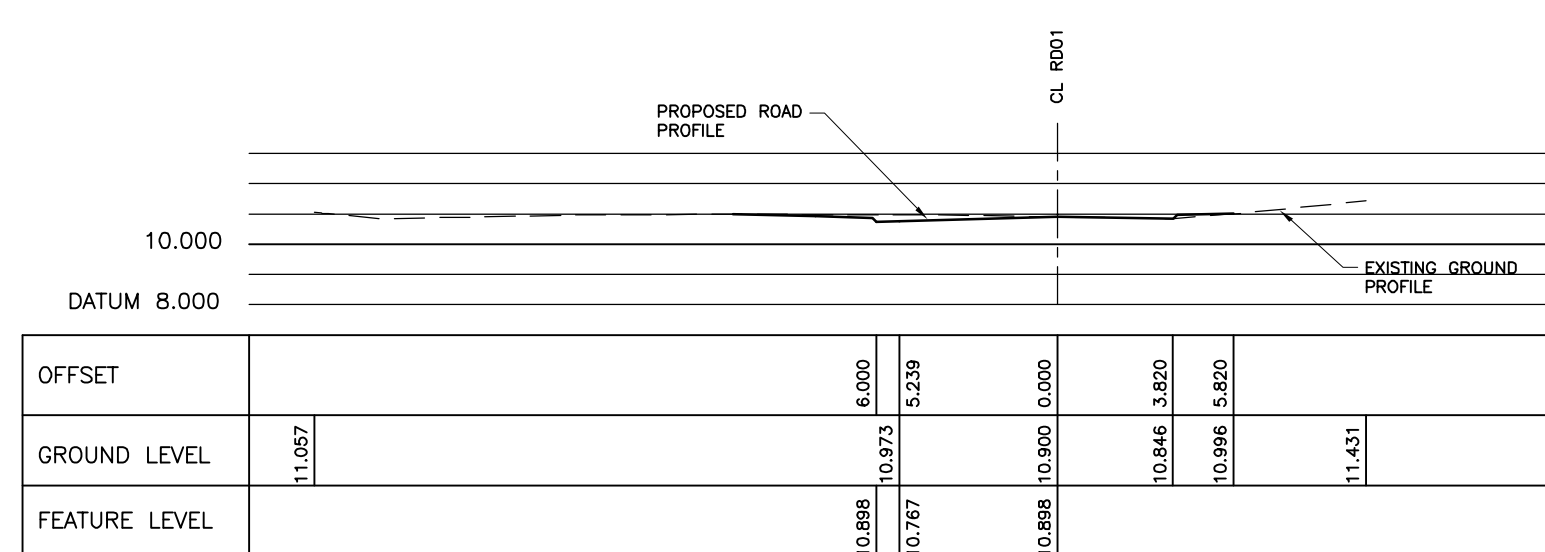
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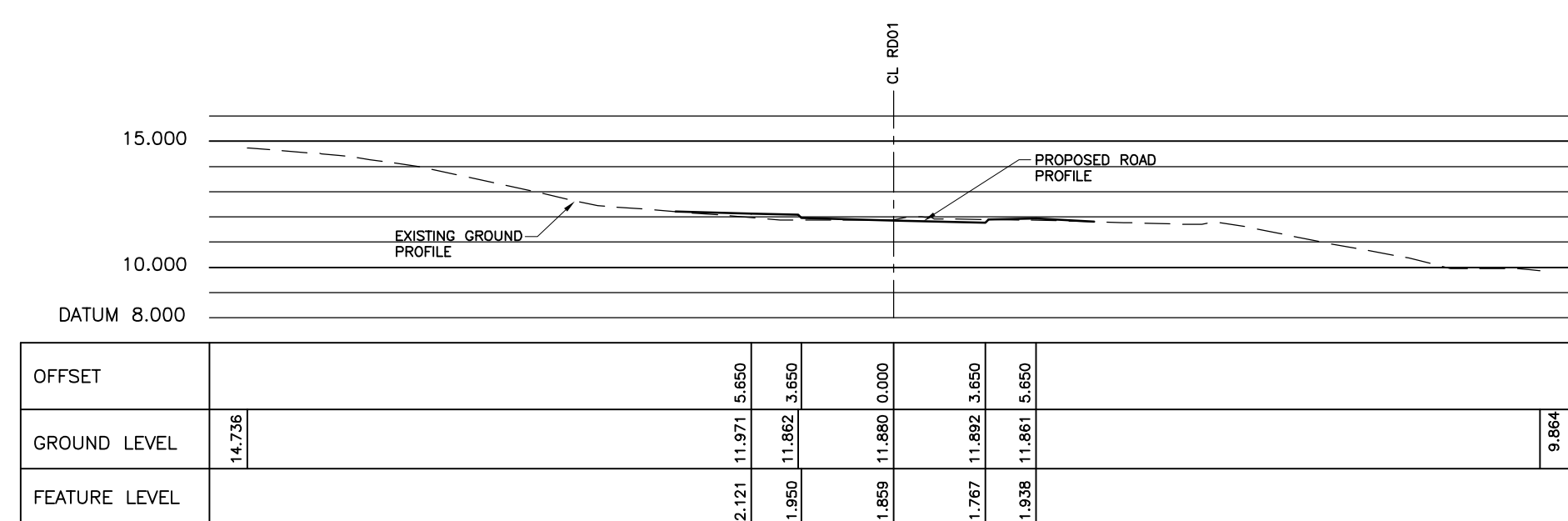
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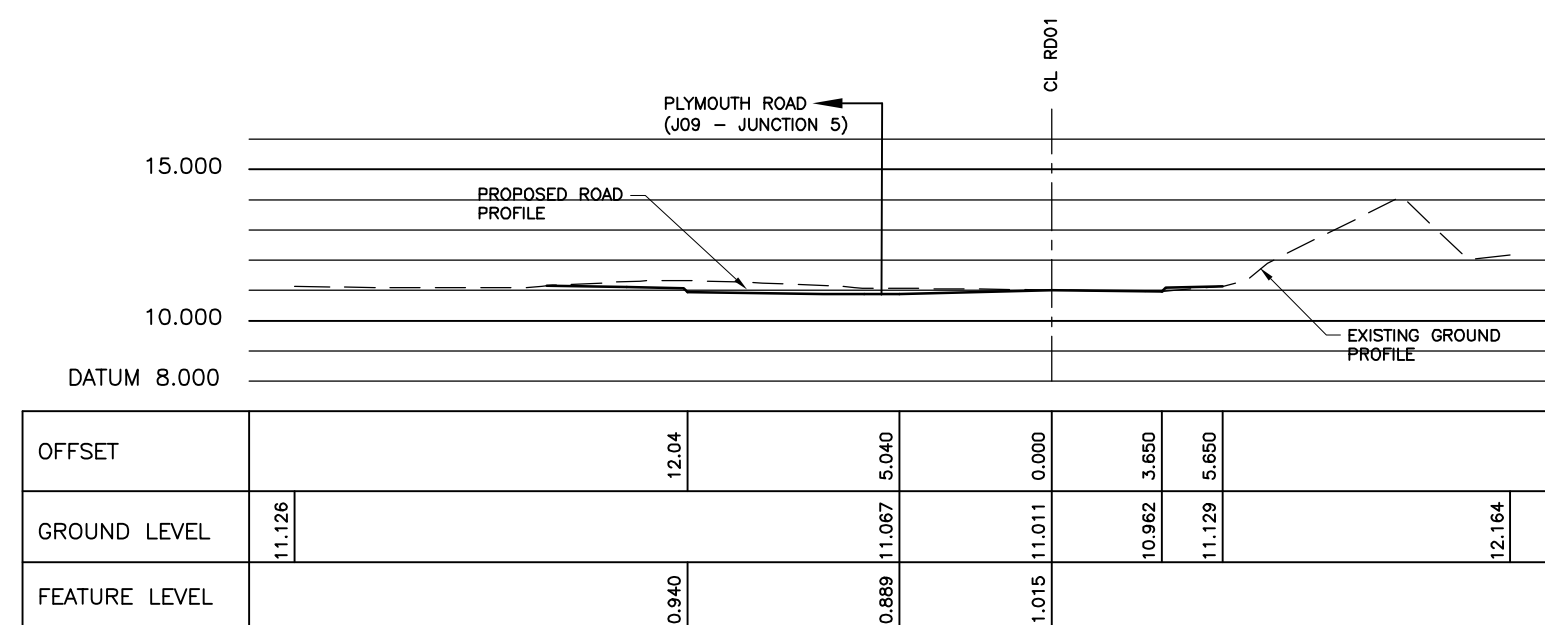
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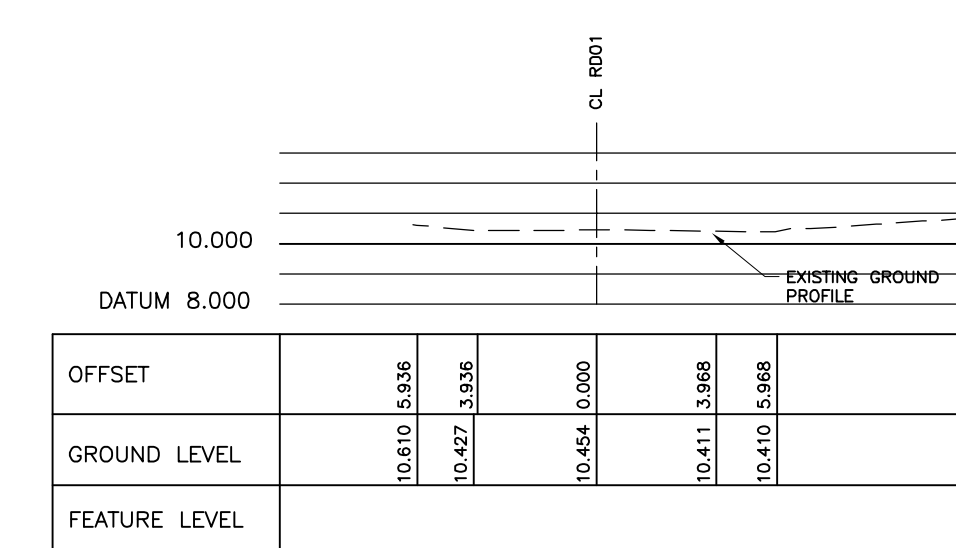
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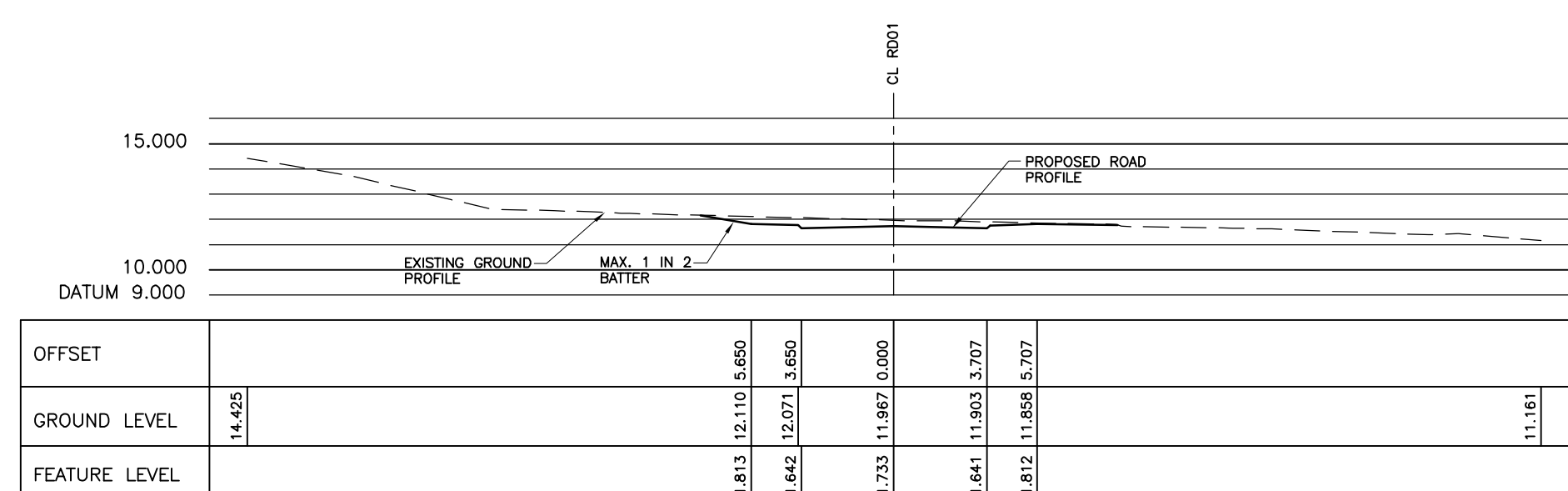
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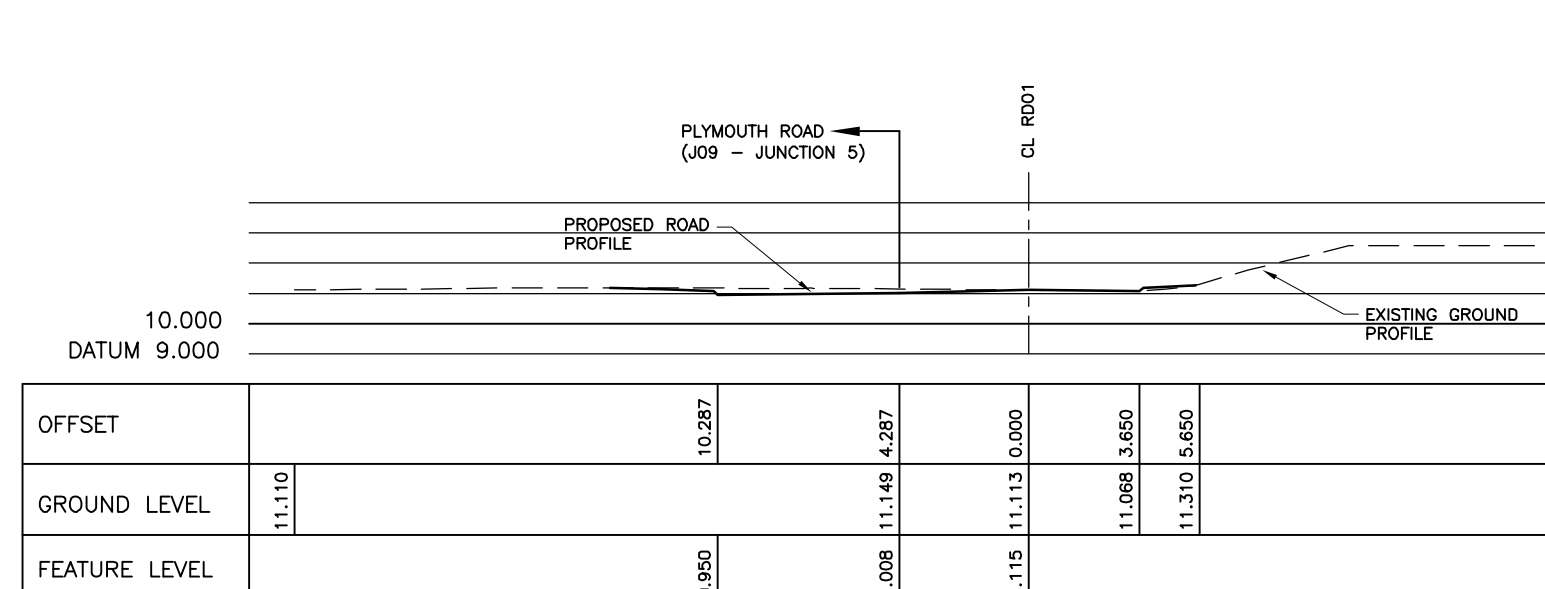
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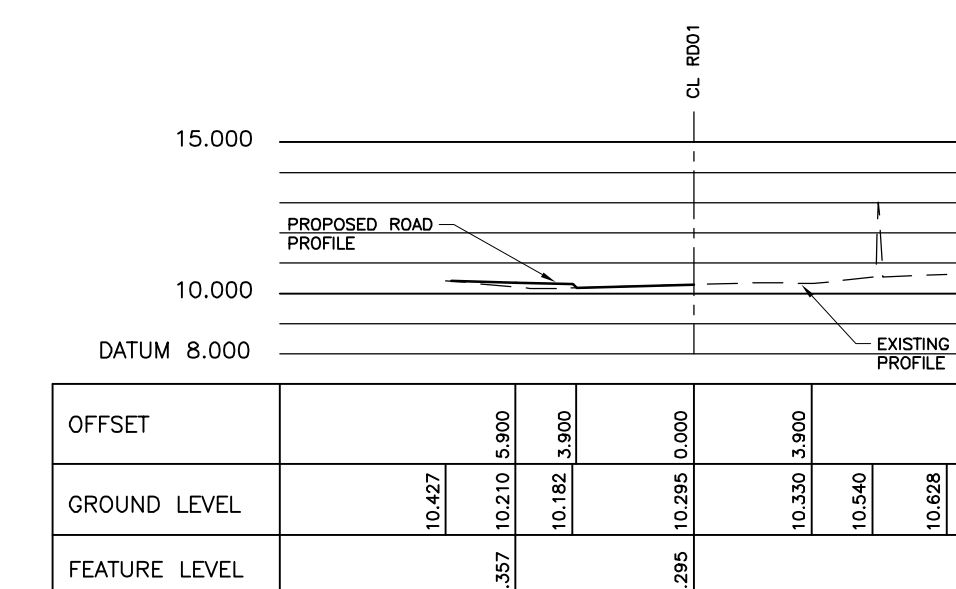
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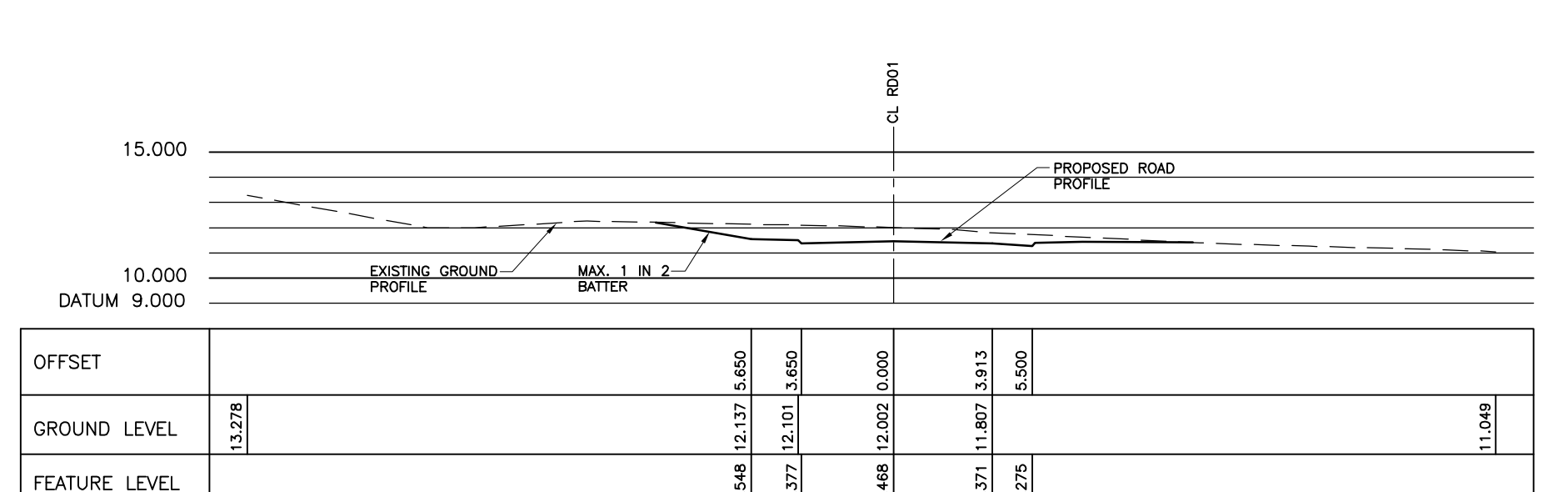
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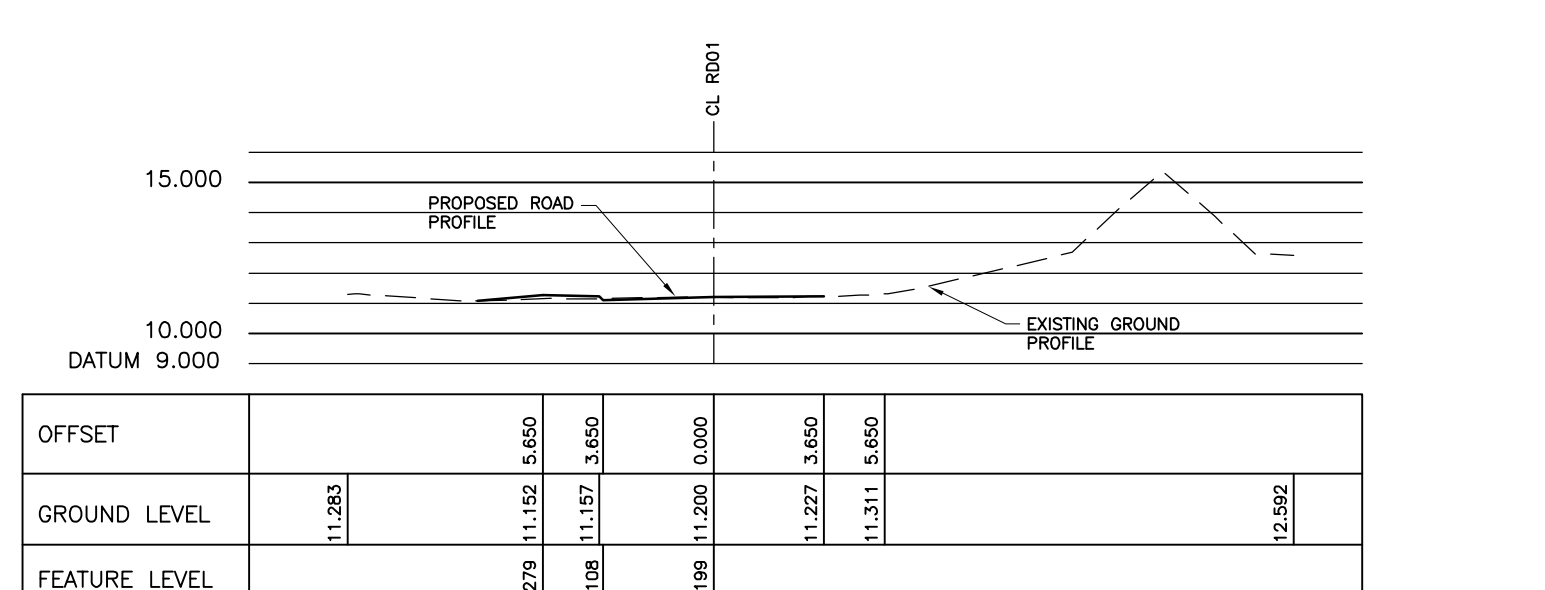
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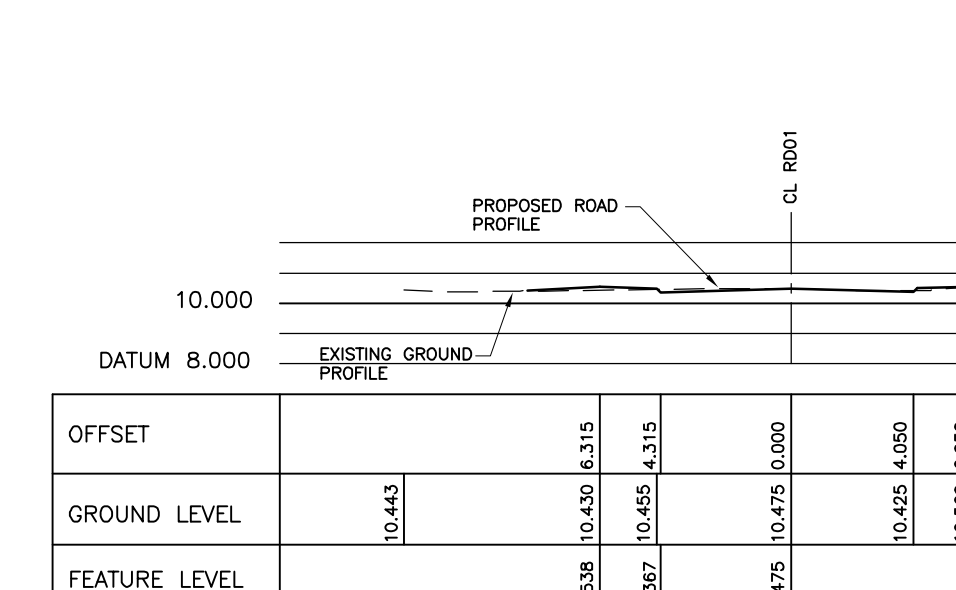
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CHAINAGE 780.000




CHAINAGE 840.000



CHAINAGE 900.000

PLANNING

REV	BY	CHK	DESCRIPTION	DATE



healer associates

8 Oldfield Road, Broom Park, Worcester, CV3 5LJ
 Tel: 01656 861000
 Fax: 01656 865377
 E-mail: mail@healerassociates.co.uk
 Web site: www.healerassociates.co.uk

Unit 12, The Croft, Burnford Drive, Stoke Heath, Bromsgrove, B64 4JE
 E-mail: mail@healerassociates.co.uk
 Web site: www.healerassociates.co.uk

CLIENT: **BARRY WATERFRONT CONSORTIUM**

DEVELOPMENT: **BARRY WATERFRONT DEVELOPMENT**

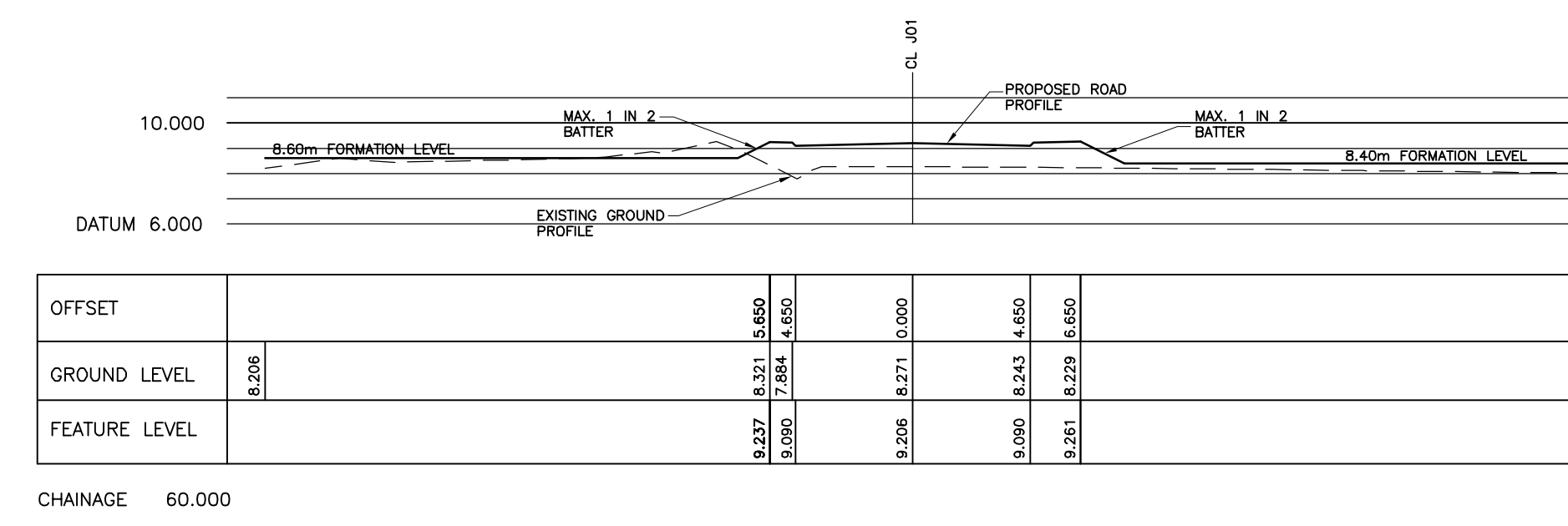
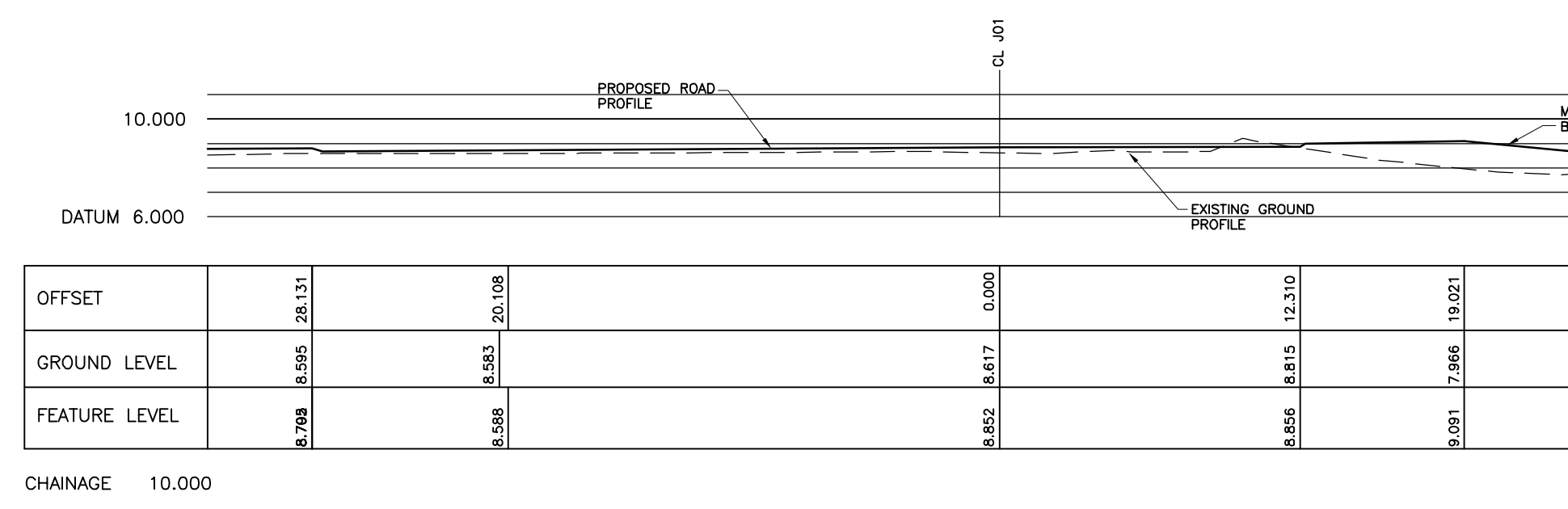
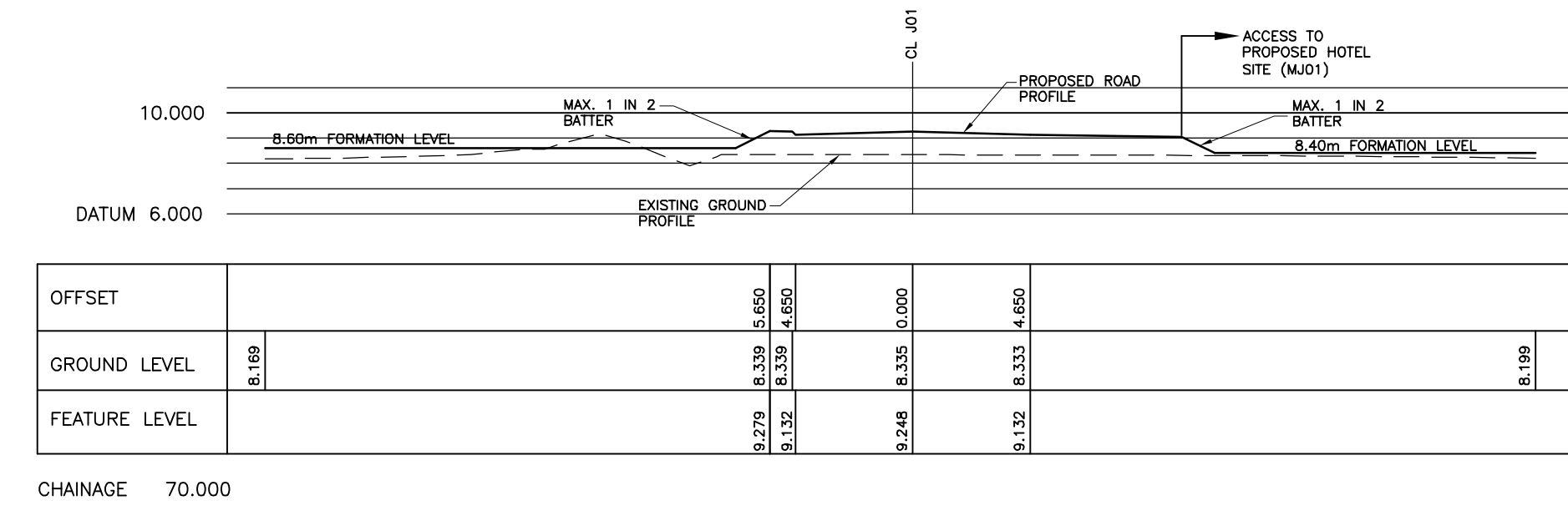
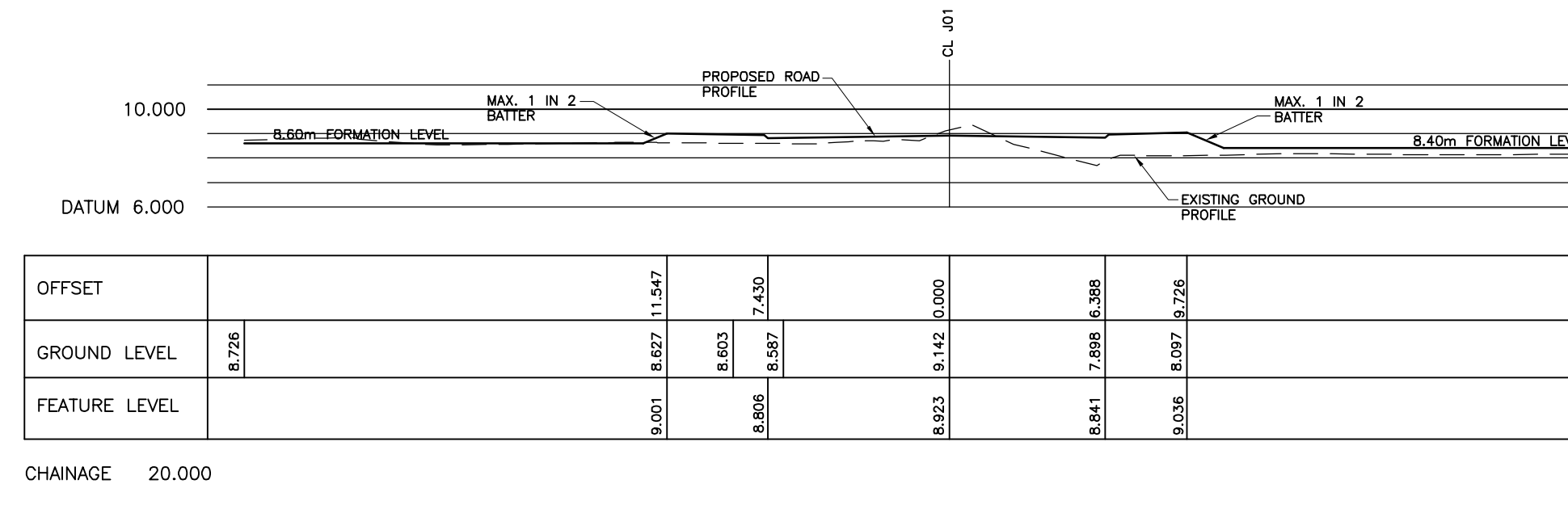
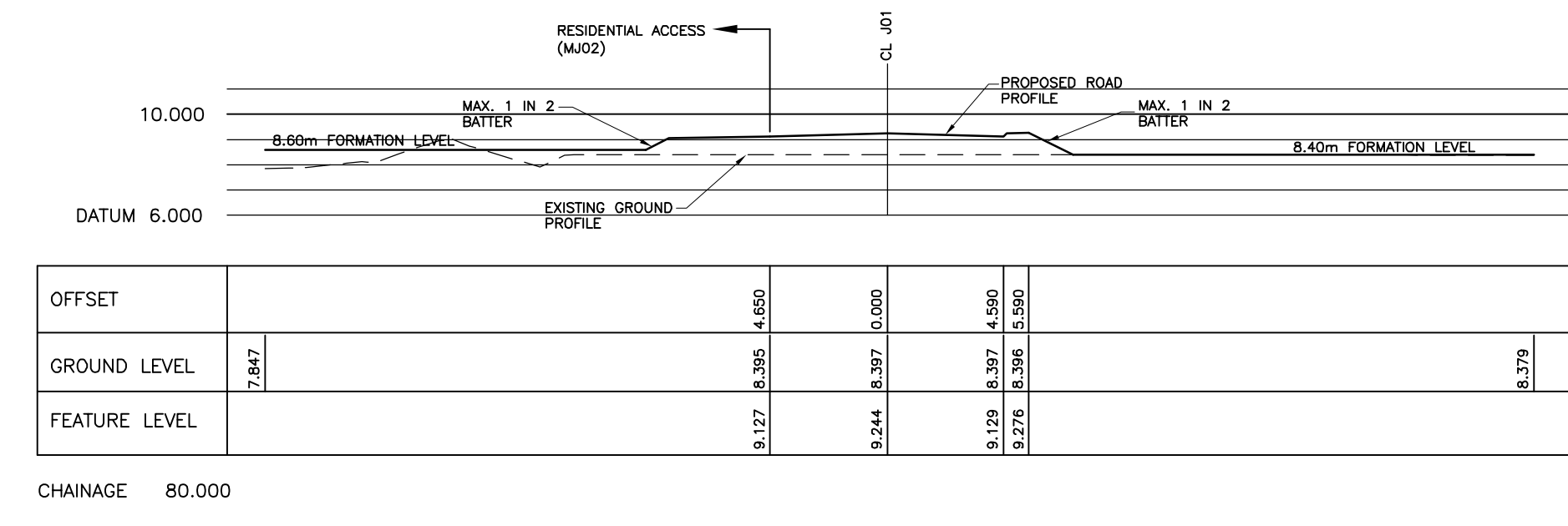
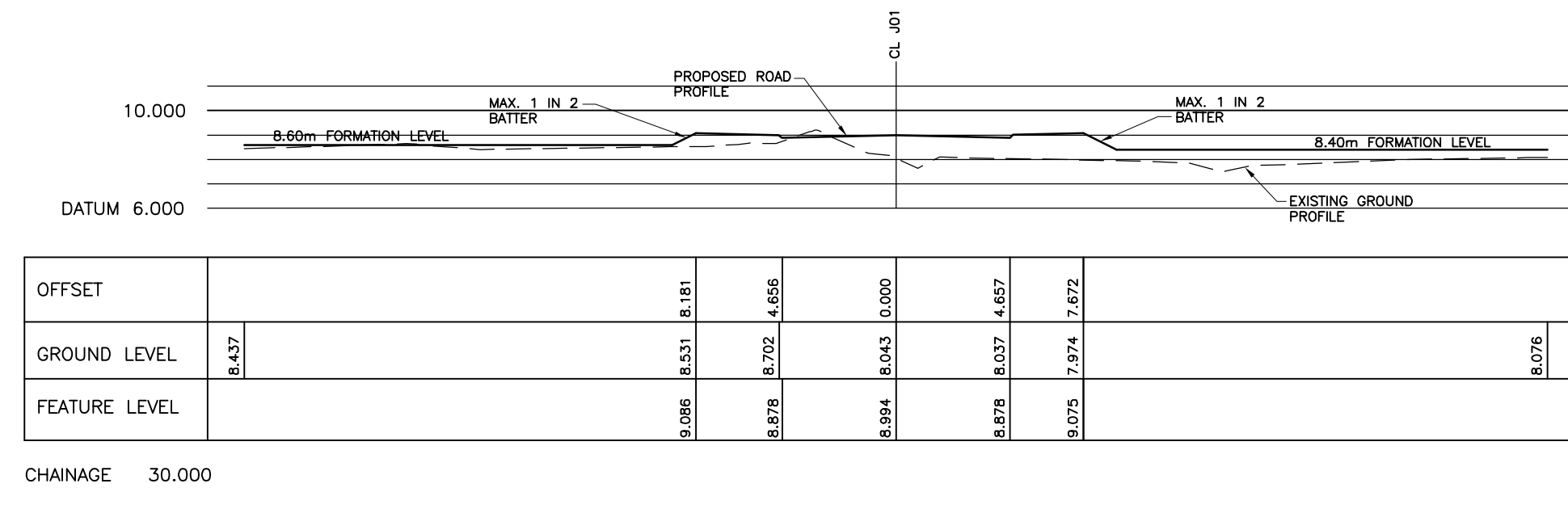
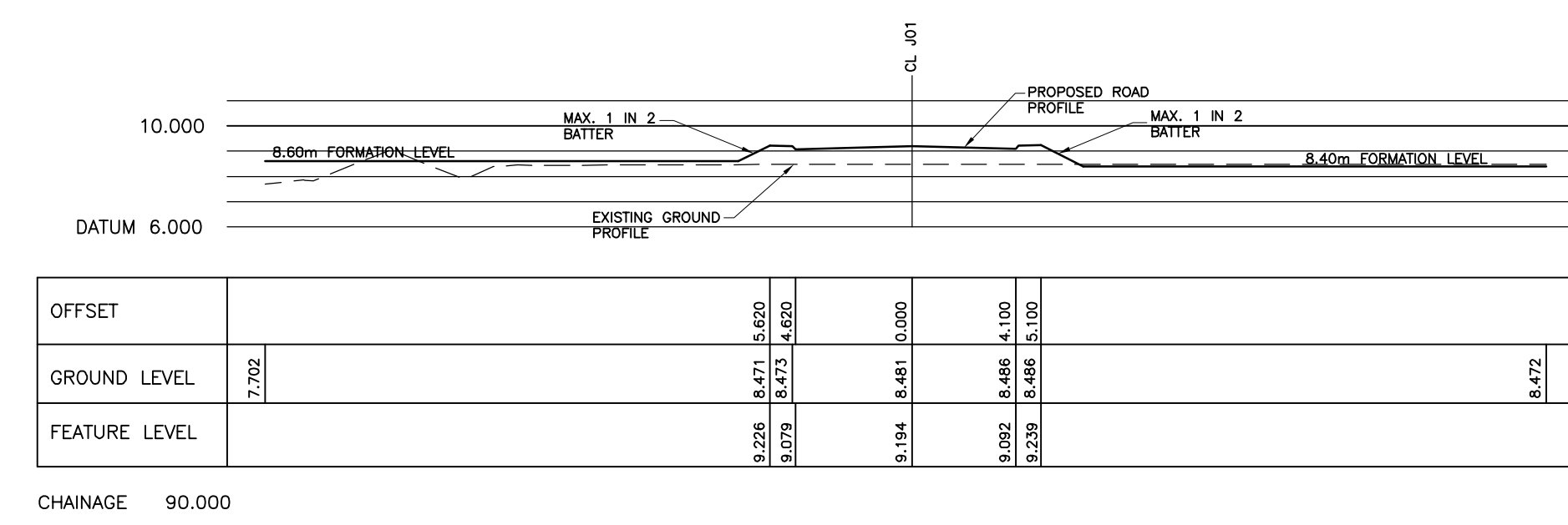
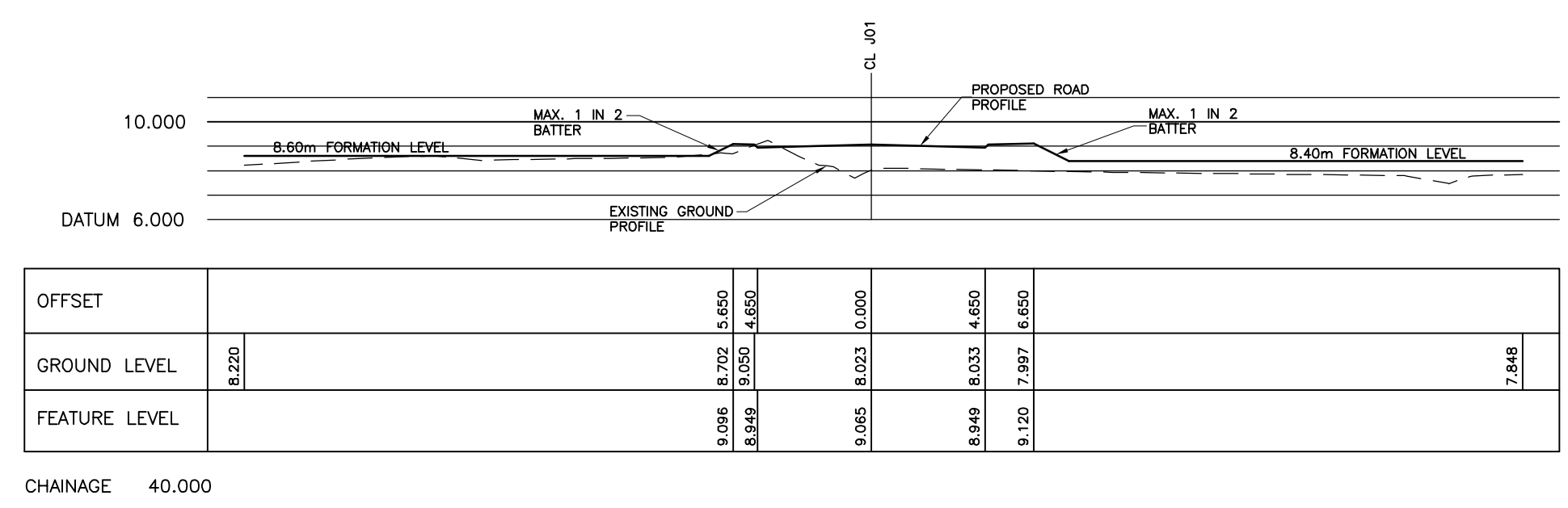
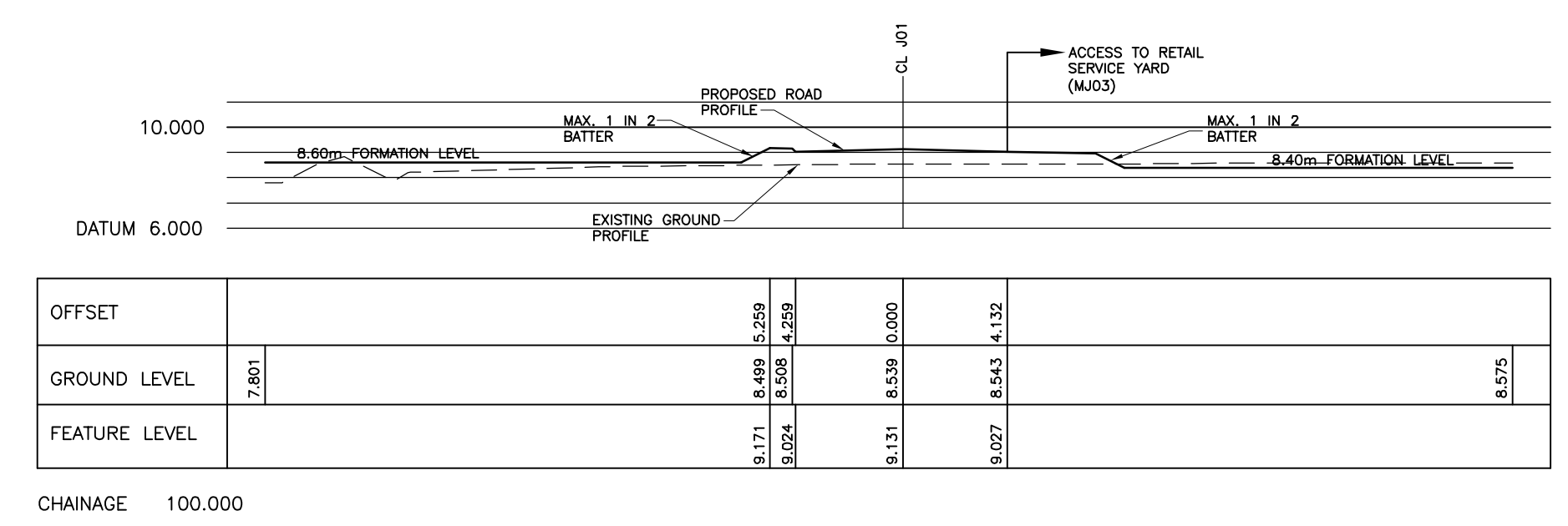
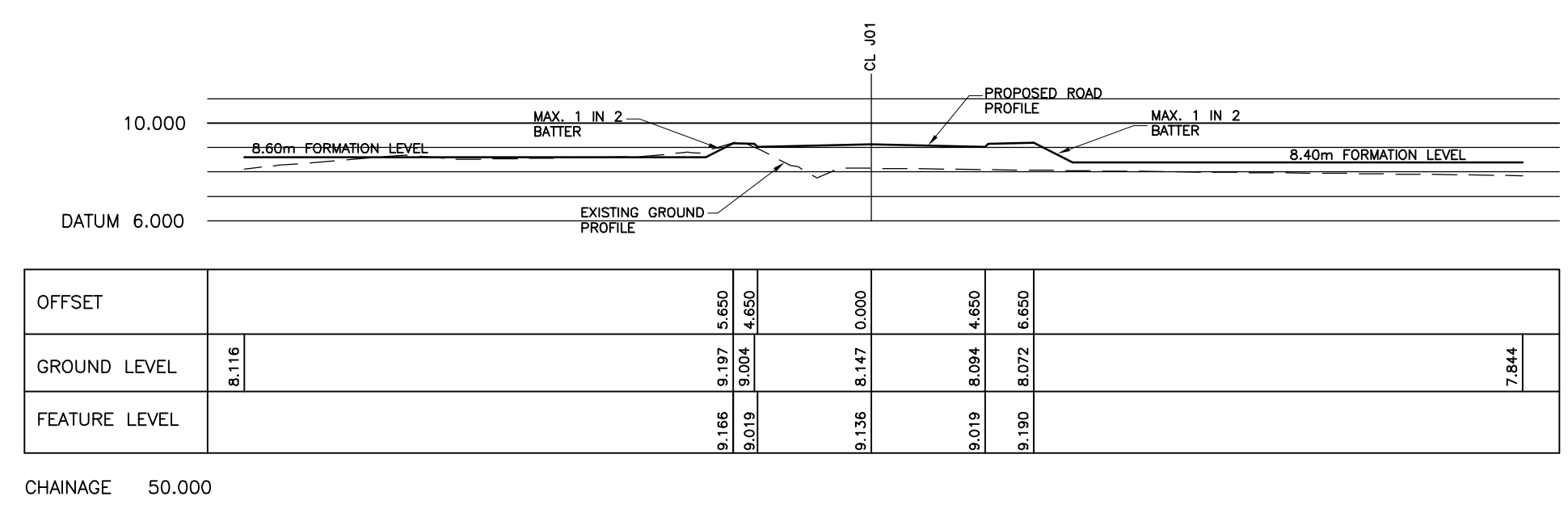
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 CH780.00 - 920.00, SHEET 7 OF 7**


SCALE (S): **1:250 NAT**

DATE: **DEC'10** DRAWN: **TP** CHECKED BY: SIZE: **A1**

DRAWING NUMBER: **3572_P1106** REVISION:

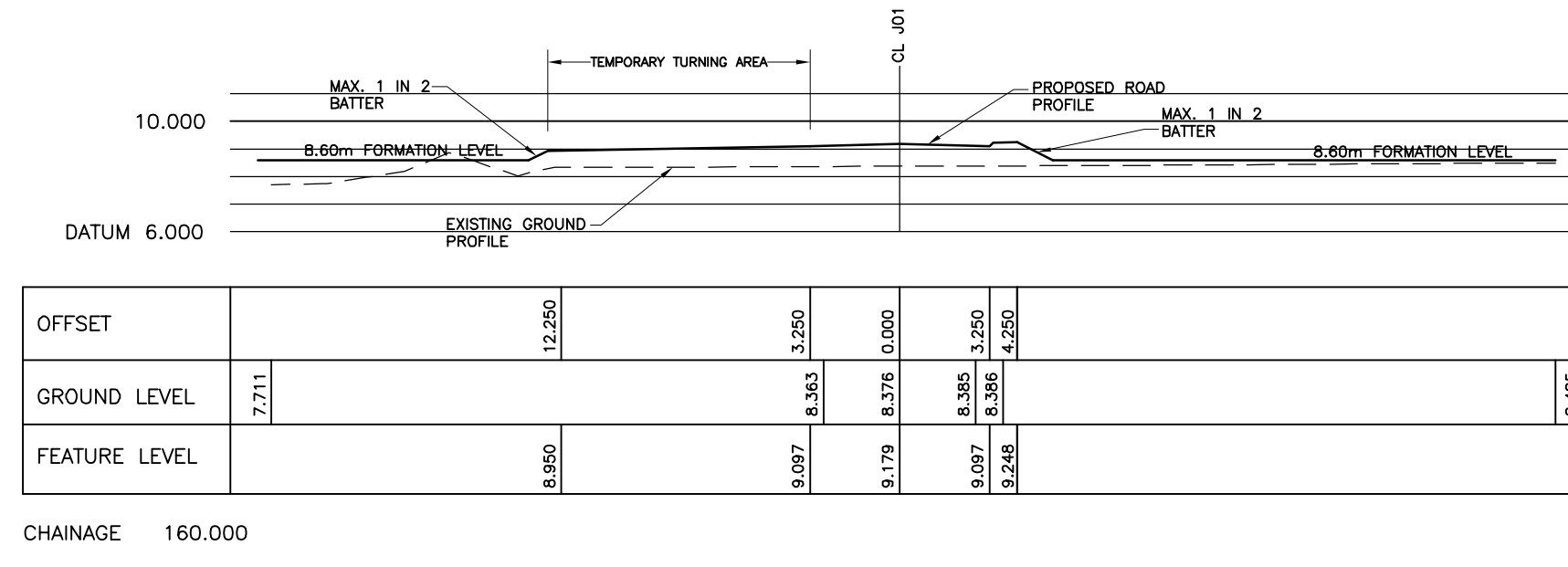
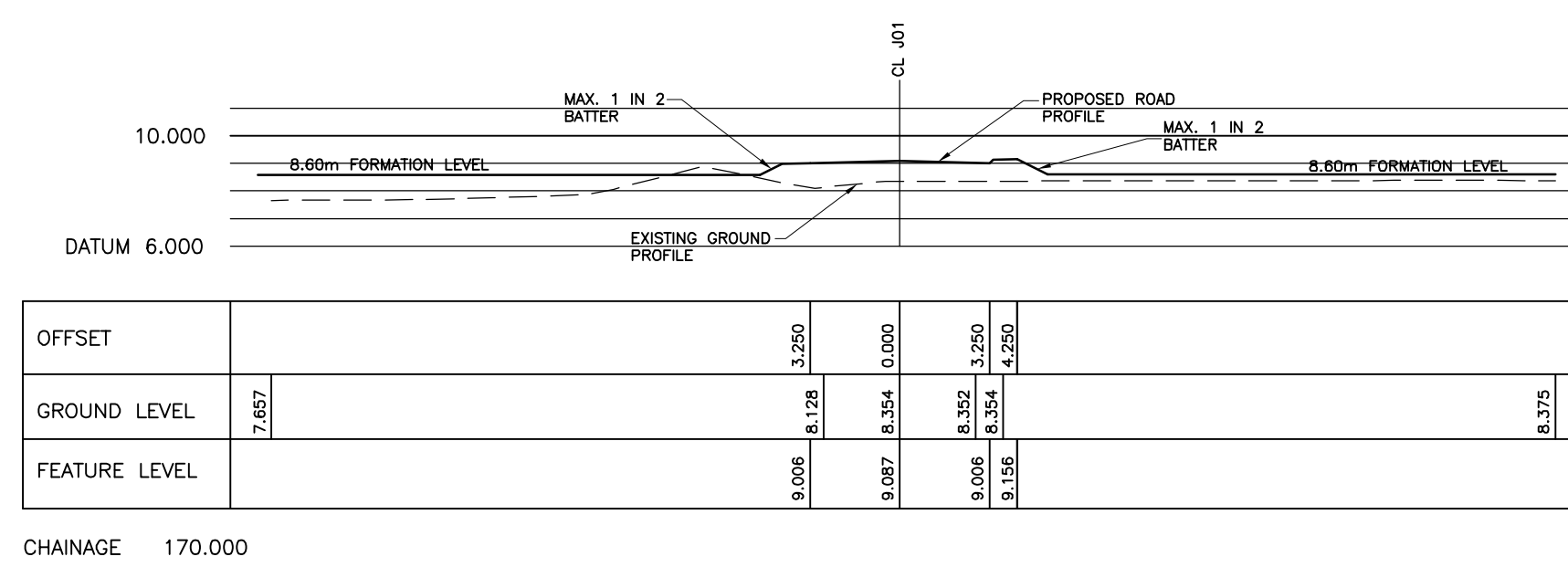
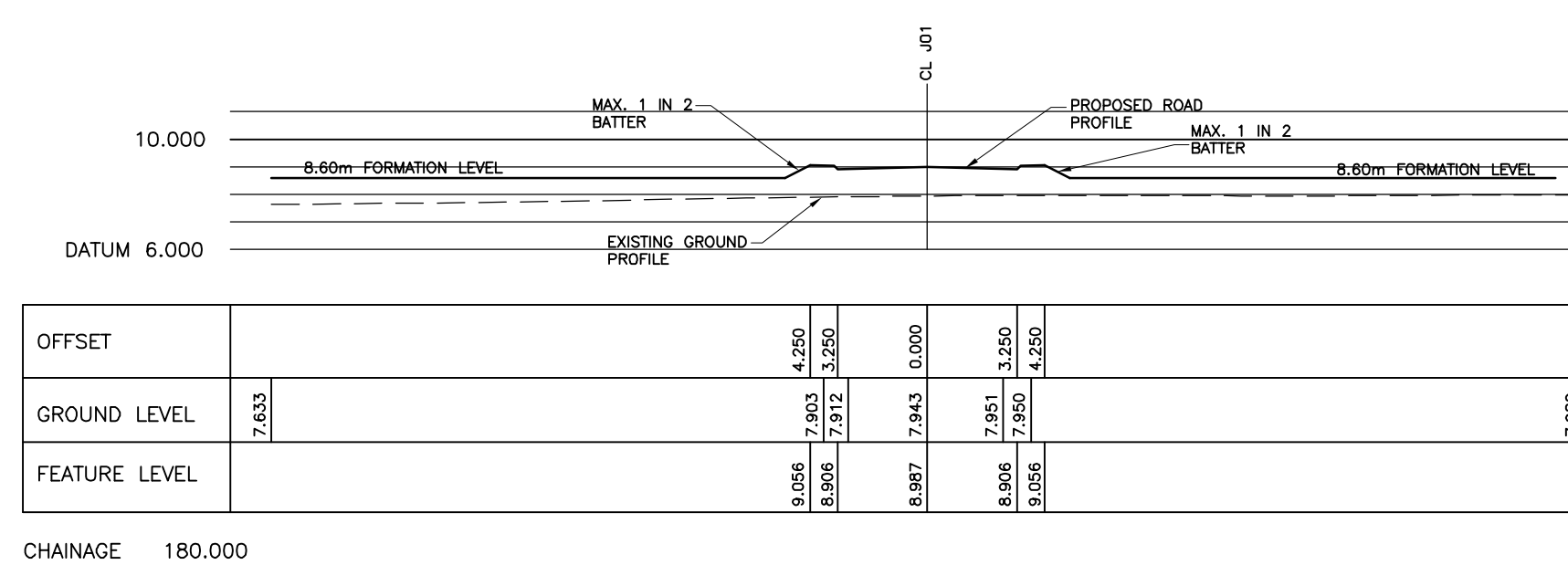
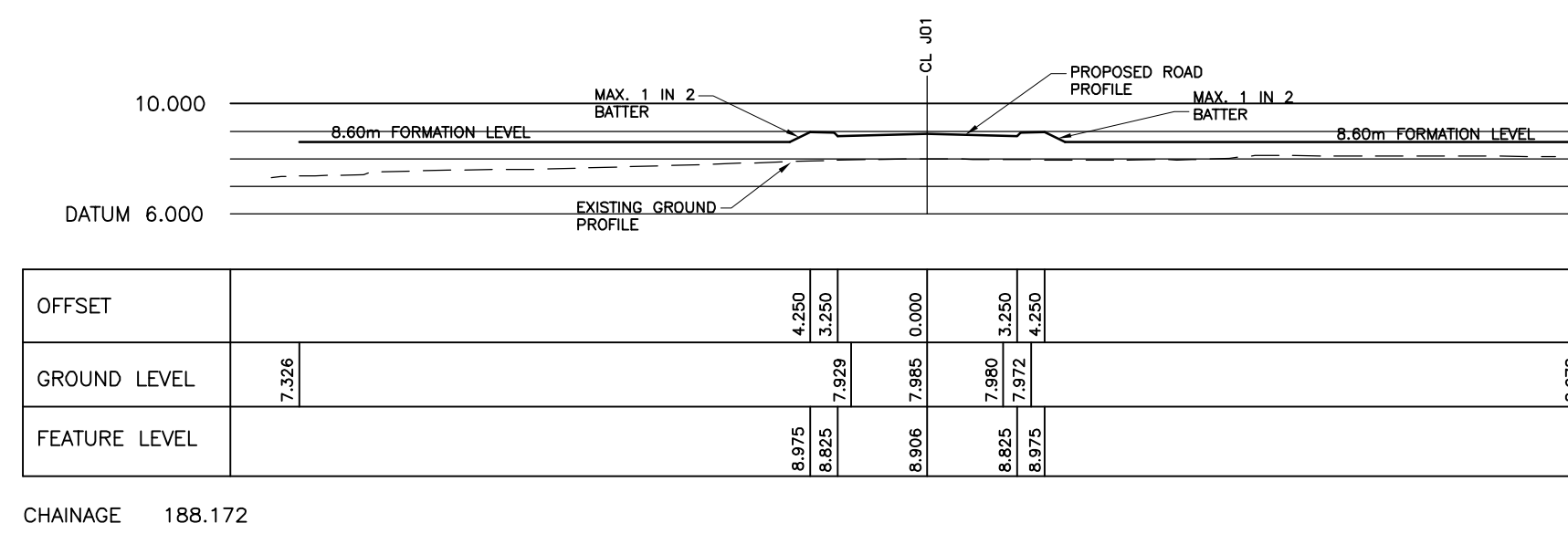
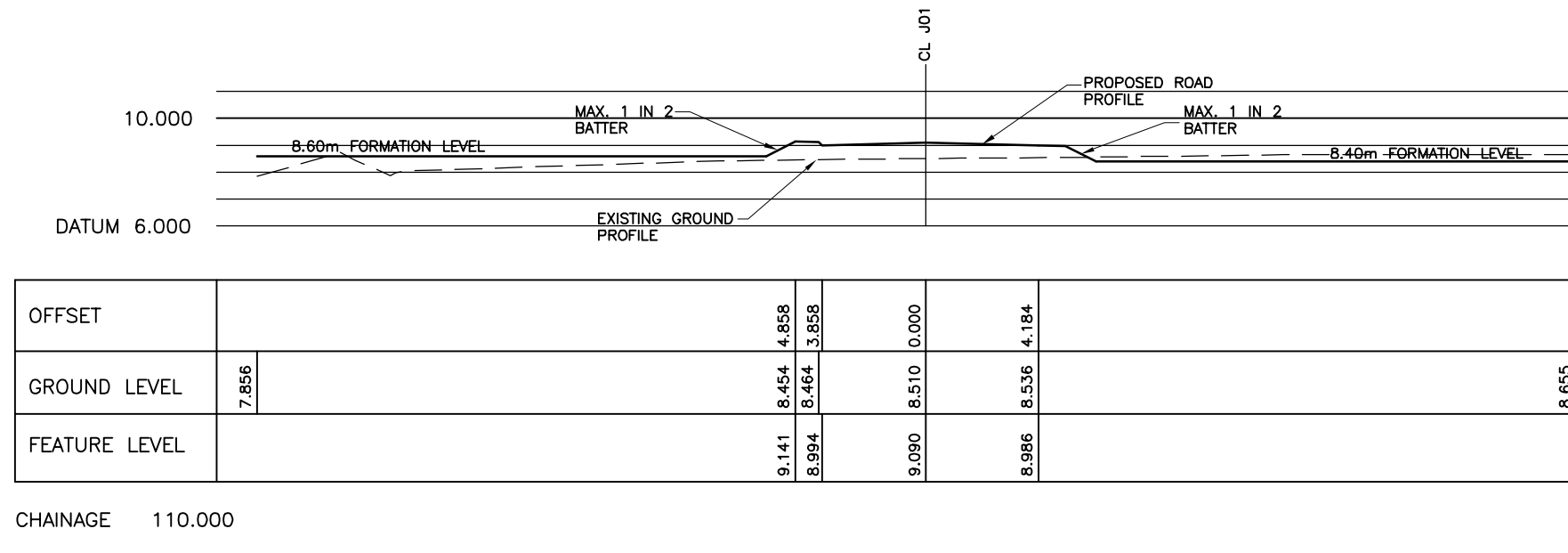
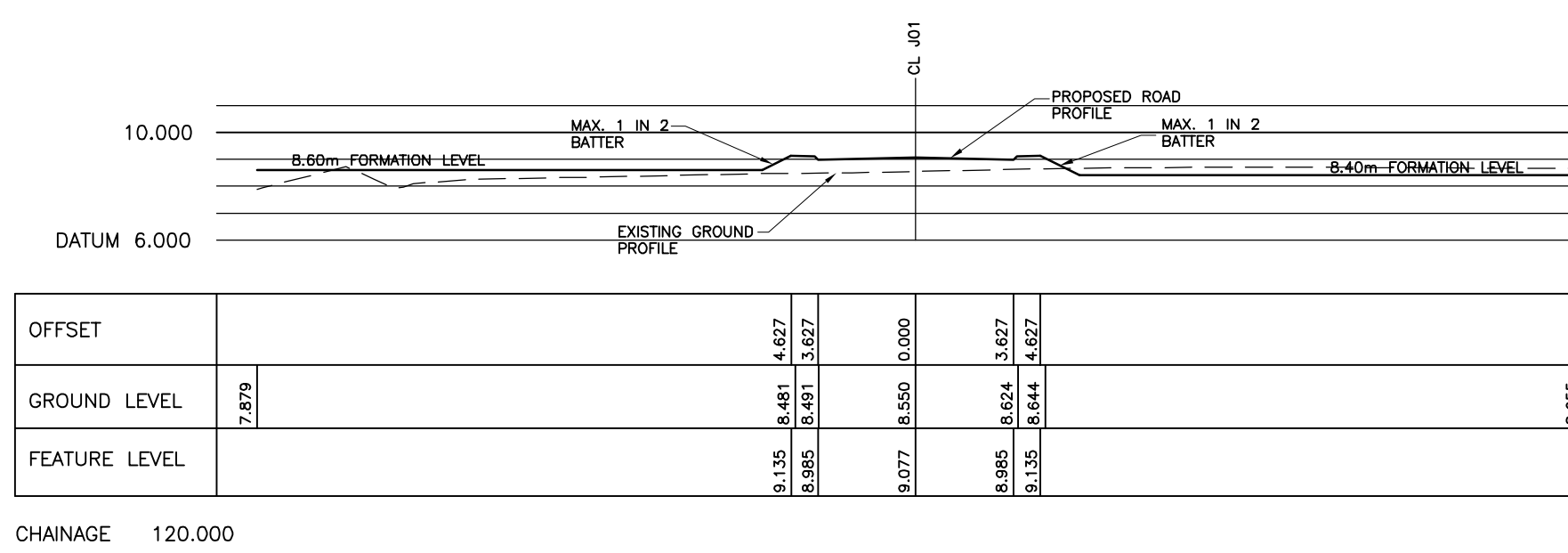
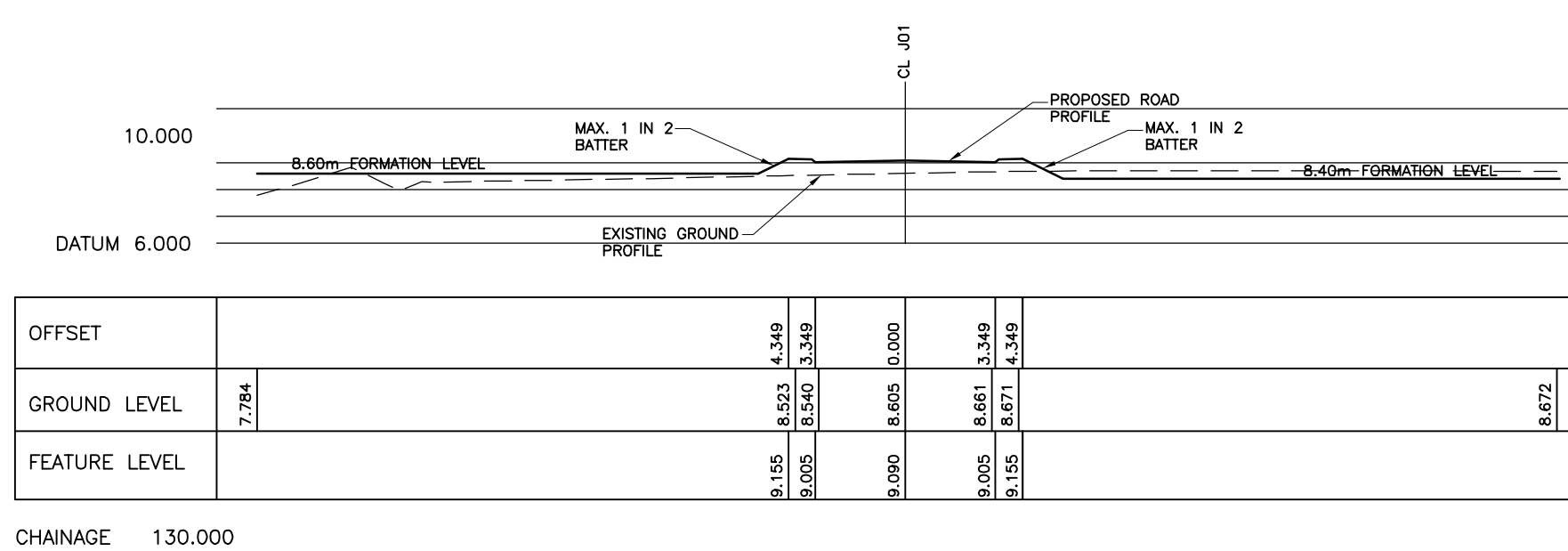
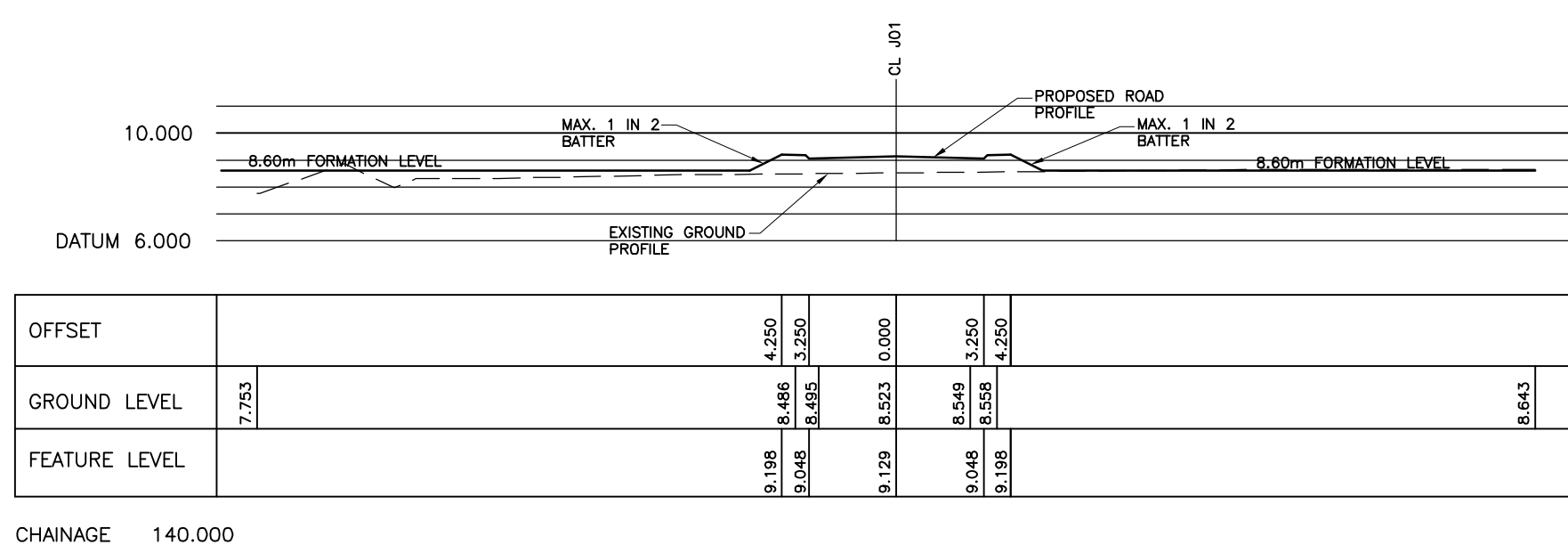
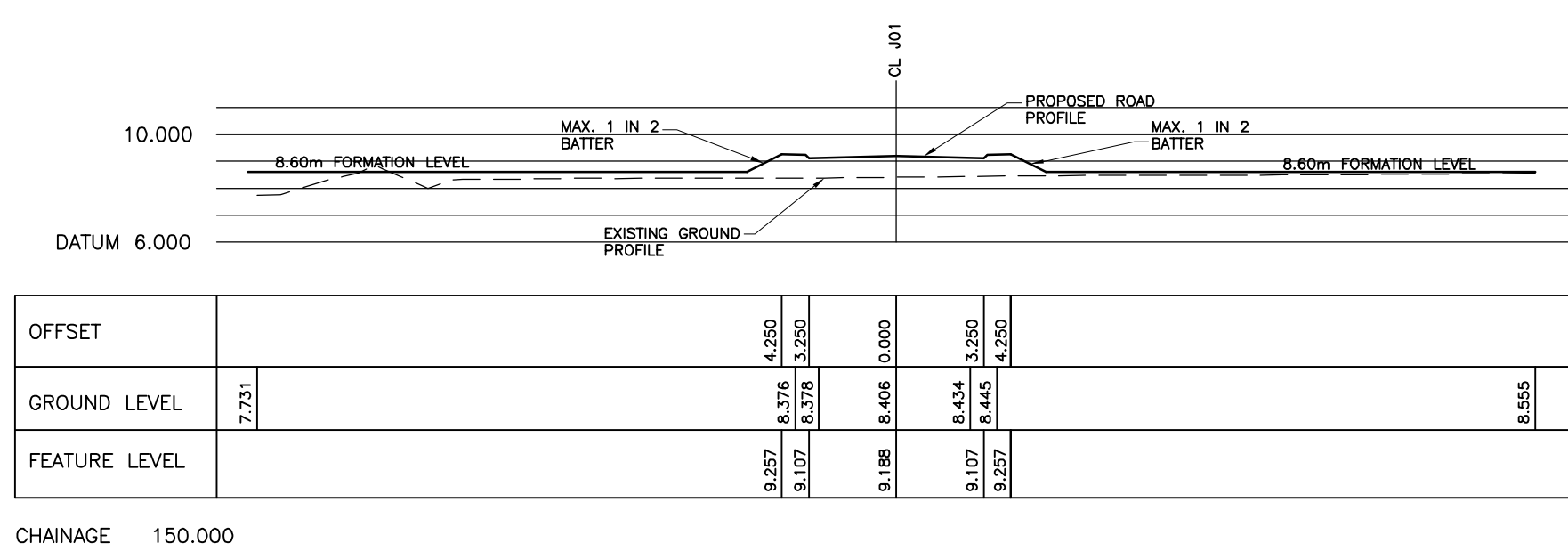
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3. ALL DIMENSIONS IN METRES UNLESS STATED OTHERWISE



A		TL	TL	SECTIONS UPDATED	DEC'11
REV	BY	CHK	DESCRIPTION	DATE	
					
8 Oldfield Road, Broomfield Park, Proposed: C735 SLJ Tel: 01656 861000 Fax: 01656 865317 E-mail: mail@healerassociates.co.uk Web site: www.healerassociates.co.uk			Unit 12, The Croft Burntwood Drive Stoke Heath Birmingham B36 4JE E-mail: mail@healerassociates.co.uk Web site: www.healerassociates.co.uk		
CLIENT: BARRY WATERFRONT CONSORTIUM					
DEVELOPMENT: BARRY WATERFRONT DEVELOPMENT					
TITLE: MOLE ACCESS - CROSS SECTION (J01) CH10.00 - 100.00, SHEET 1 OF 2					
SCALE (S): 1:250 NAT					
DATE: DEC'10		DRAWN: TP		CHECKED BY: []	
DRAWING NUMBER: 3572_P1110				REVISION: A	

PLANNING

1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERING DRAWINGS
2. DO NOT SCALE FROM THIS DRAWING
3. ALL DIMENSIONS IN METRES UNLESS STATED OTHERWISE



A TP TP ROAD WIDTH REVISED TO SECTION MAY'11
CH120-188.172

REV	BY	CHK	DESCRIPTION	DATE
-----	----	-----	-------------	------

8 Oldfield Road, Broomfield Park, Worcester, CV2 5LJ
Tel: 01656 861000
Fax: 01656 865517
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Web site: www.healerassociates.co.uk

Unit 12, The Croft, Burnford Drive, Stoke Heath, Birmingham, B36 4JE
E-mail: mail@healerassociates.co.uk
Web site: www.healerassociates.co.uk

CLIENT:
BARRY WATERFRONT CONSORTIUM

DEVELOPMENT:
BARRY WATERFRONT DEVELOPMENT

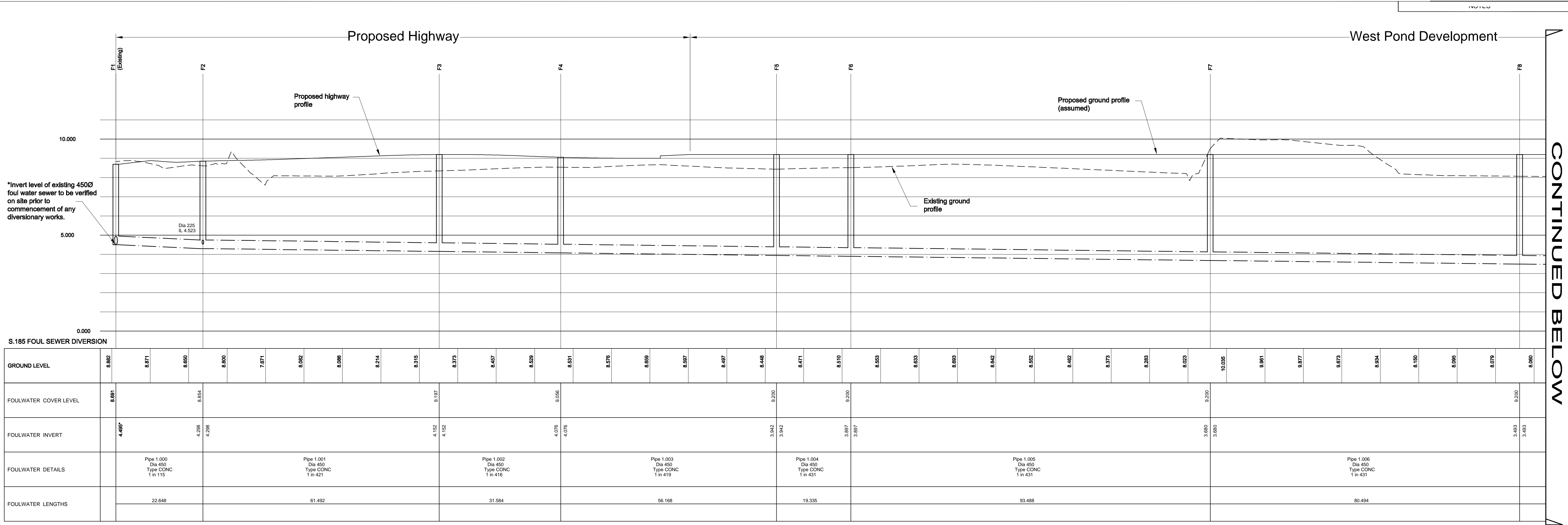
TITLE:
**MOLE ACCESS - CROSS SECTION (J01)
CH110.00 - 188.172, SHEET 2 OF 2**

SCALE (S):
1:250 NAT

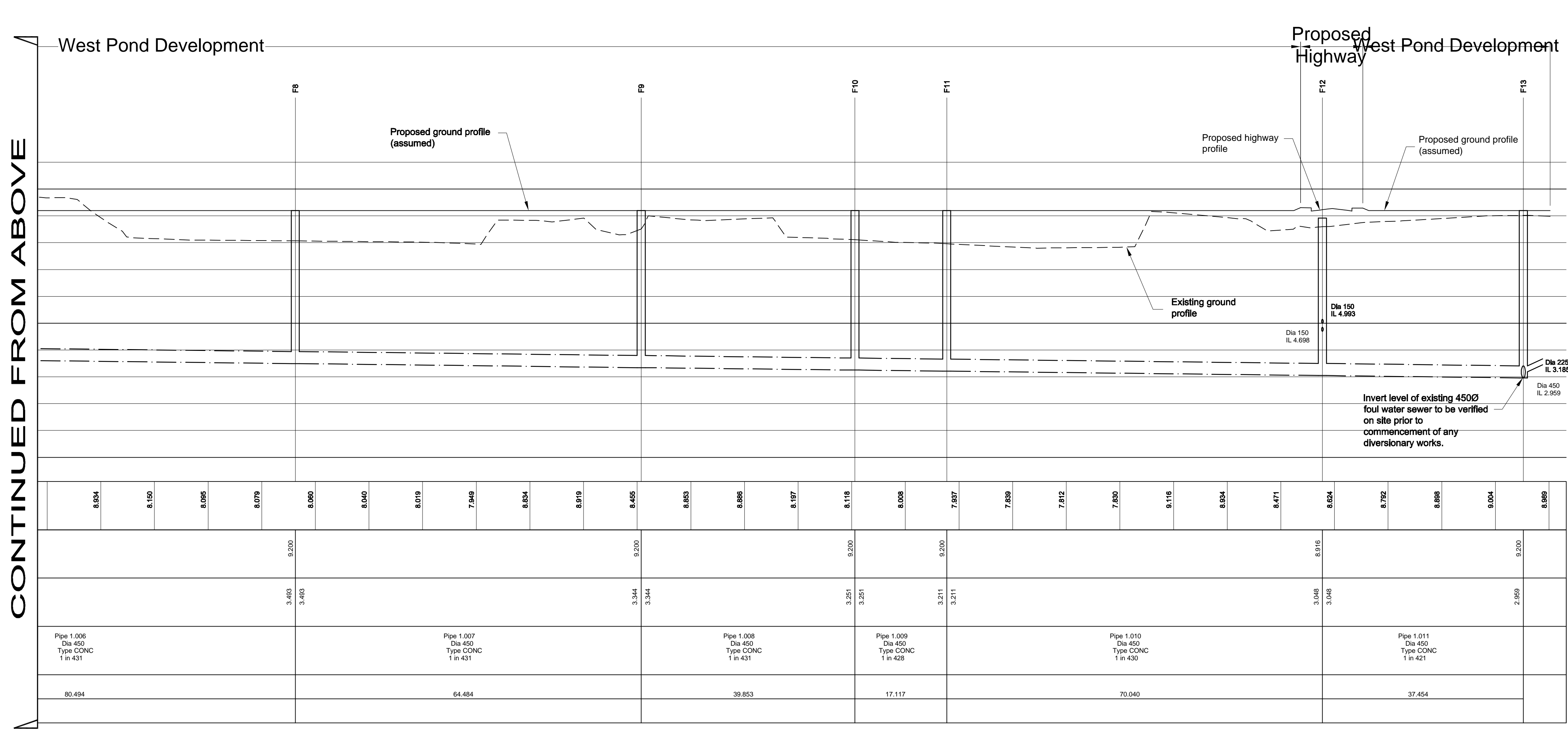
DATE	DRAWN	CHKD BY	SZL
DEC'10	TP		A1

DRAWING NUMBER	REVISION
3572_P1111	A

PLANNING



CONTINUED BELOW



CONTINUED FROM ABOVE

Longitudinal Sections
Scale 1:500(H); 1:100(V)

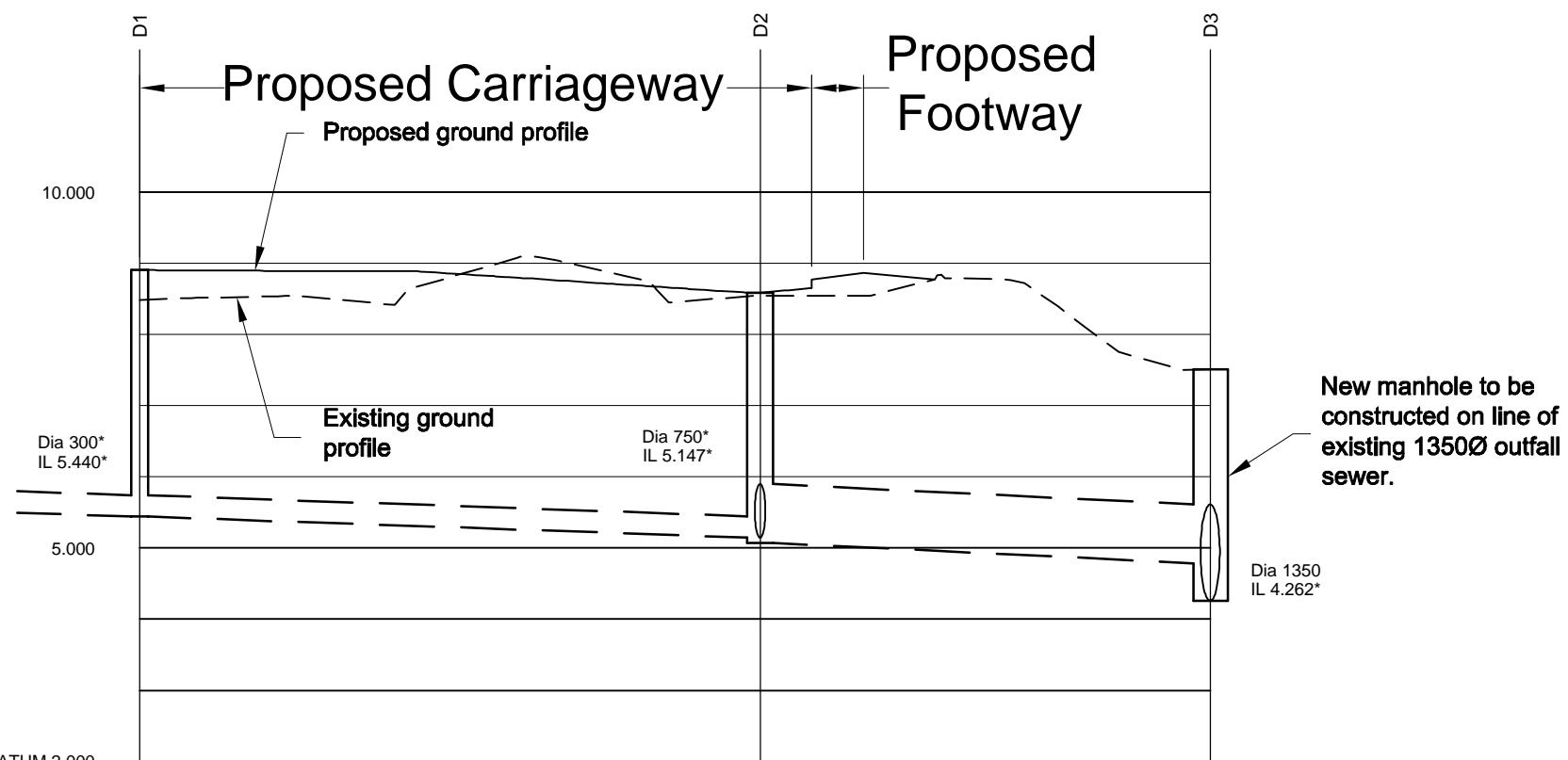
ALL PROPOSED SEWERAGE WORKS ARE SUBJECT TO APPROVAL BY DWR CYMRU.

B RMJ RMJ Sewer run F1-F2 updated to reflect F1 Sept'11 surveyed location.
A RMJ RMJ Section updated to reflect amended Mar'11 route of diversion.

<small>9 Danfield Road, Broomfield, Essex, SS10 6JF Tel: 01466 861000 Fax: 01466 865577 E-mail: mail@healerassociates.co.uk Web site: www.healerassociates.co.uk</small>	
<small>Unit 12, The Court, Burnford Drive, Stoke Heath, Bromsgrove, B60 4JE E-mail: mail@healerassociates.co.uk Web site: www.healerassociates.co.uk</small>	
CLIENT: Barry Waterfront Consortium	
DEVELOPMENT: Barry Waterfront Development - Main Infrastructure Phase 1	
TITLE: S.185 - Foul Water Sewer Diversion - Longitudinal Section	
SCALE (S): 1:500(H); 1:100(V)	
DATE: Dec'10	DRAWN BY: RMJ
DRAWING NUMBER: 3572_P1157	CHECKED BY: RMJ
	REVISION: B

PLANNING

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D1 - D3 DIVERSION DATUM 2.000

CHAINAGE	0.000	10.000	20.000	30.000	40.000	47.174	50.000	60.000	70.000	75.173
EXISTING GROUND LEVEL	8.487	8.538	8.702	9.006	8.494		8.546	8.778	7.680	7.506
PROPOSED GROUND LEVEL	8.904	8.893	8.880	8.752	8.621	8.648				
STORMWATER COVER LEVEL	8.904					8.583				7.506
STORMWATER INVERT	5.440*					5.147*	5.072*			4.787*
STORMWATER DETAILS			Dia300 TypeCONC 1 in 149				Dia825 TypeCONC 1 in 111			
STORMWATER LENGTHS			43.556				31.618			

* Existing pipe sizes and invert levels are assumed based on information provided by the Vale of Glamorgan and preliminary survey information. All existing levels and pipe sizes shall be verified by the Contractor prior to the commencement of any Works on site.

PLANNING

REV:	BY:	CHK:	DESCRIPTION:	DATE:
 healer associates				
8 Oldfield Road, Bocam Park, Pencoed, CF35 5LJ Tel: 01656 861900 Fax: 01656 865577 E-mail: mail@healerassociates.co.uk Web site: www.healerassociates.co.uk			Unit 12, The Croft Buntsford Drive Stoke Heath Bromsgrove B60 4JE E-mail: mail@healerassociates.co.uk Web site: www.healerassociates.co.uk	
CLIENT:				
Barry Waterfront Consortium				
DEVELOPMENT:				
Barry Waterfront Development - Main Infrastructure Phase 1				
TITLE:				
Diversion of Existing Surface Water Sewerage within Junction 1				
SCALE (S): 1:500(H); 1:100(V)				
DATE:	DRAWN:	CHKD BY:	SIZE:	
Oct'11	RMJ	RMJ	A3	
DRAWING NUMBER			REVISION:	
3572_P1159			-	