



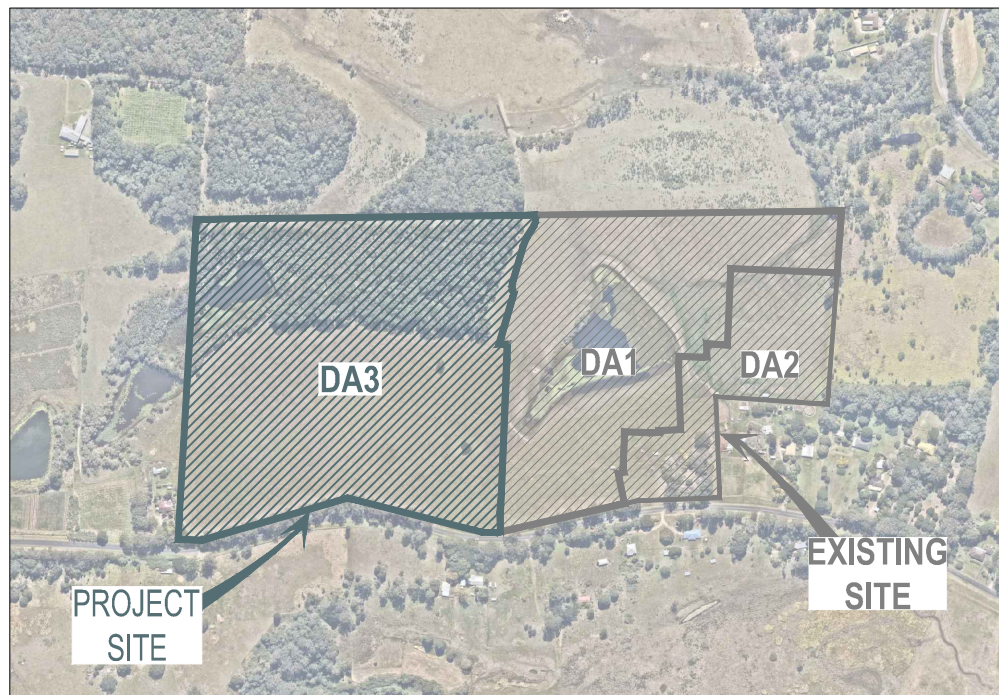
Attachment C - Engineering Plans – Development Application 3

341 BELLMERE ROAD

BELLMERE

DEVELOPMENT APPLICATION 3

AVID RESIDENTIAL GROUP PTY LTD



DRG NO	DRAWING TITLE
DA3-000	COVER SHEET
DA3-010	OVERALL LAYOUT AND EXISTING FEATURES
DA3-020	EARTHWORKS LAYOUT PLAN
DA3-030	ALLOTMENT GRADING LAYOUT PLAN SHEET 1
DA3-031	ALLOTMENT GRADING LAYOUT PLAN SHEET 2
DA3-032	ALLOTMENT GRADING LAYOUT PLAN SHEET 3
DA3-033	ALLOTMENT GRADING LAYOUT PLAN SHEET 4
DA3-035	EARTHWORKS TYPICAL CROSS SECTIONS
DA3-040	ROADWORKS LAYOUT PLAN
DA3-041	ROADWORKS TYPICAL CROSS SECTIONS
DA3-042	ROADWORKS LONGITUDINAL SECTION ACCESS 1
DA3-043	ROADWORKS LONGITUDINAL SECTION ACCESS 2
DA3-044	ROADWORKS LONGITUDINAL SECTION ACCESS 4
DA3-045	ROADWORKS LONGITUDINAL SECTION ACCESS 5 & 6
DA3-046	ROADWORKS LONGITUDINAL SECTION ACCESS 7 & 9
DA3-050	STORMWATER LAYOUT PLAN
DA3-051	STORMWATER BASIN LAYOUT AND DETAILS
DA3-060	OVERALL SERVICES LAYOUT PLAN



LEGEND

- DEVELOPMENT APPLICATION BOUNDARY
- - - 3.50 - - - PROPOSED FINISHED SURFACE CONTOURS

EARTHWORKS DEPTHS

CUT DEPTH

- OVER 4.0m
- 4.0m - 3.5m
- 3.5m - 3.0m
- 3.0m - 2.5m
- 2.5m - 2.0m
- 2.0m - 1.5m
- 1.5m - 1.0m
- 1.0m - 0.5m
- 0.5m - 0.0m

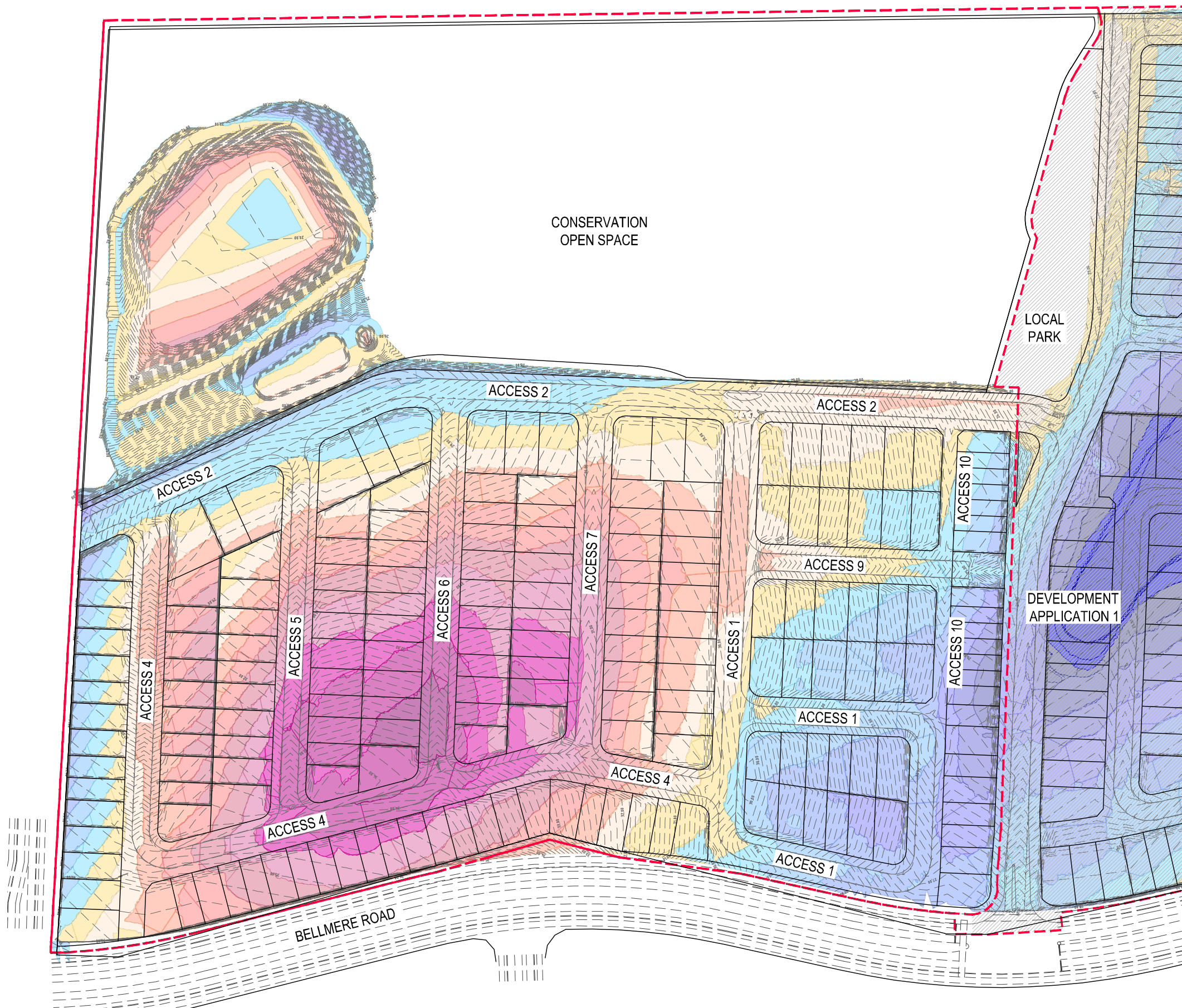
FILL DEPTH

- 0.0 - 0.5m
- 0.5m - 1.0m
- 1.0m - 1.5m
- 1.5m - 2.0m
- 2.0m - 2.5m
- 2.5m - 3.0m
- 3.0m - 3.5m
- 3.5m - 4.0m
- 4.0m AND OVER

EARTHWORKS VOLUMES SUMMARY

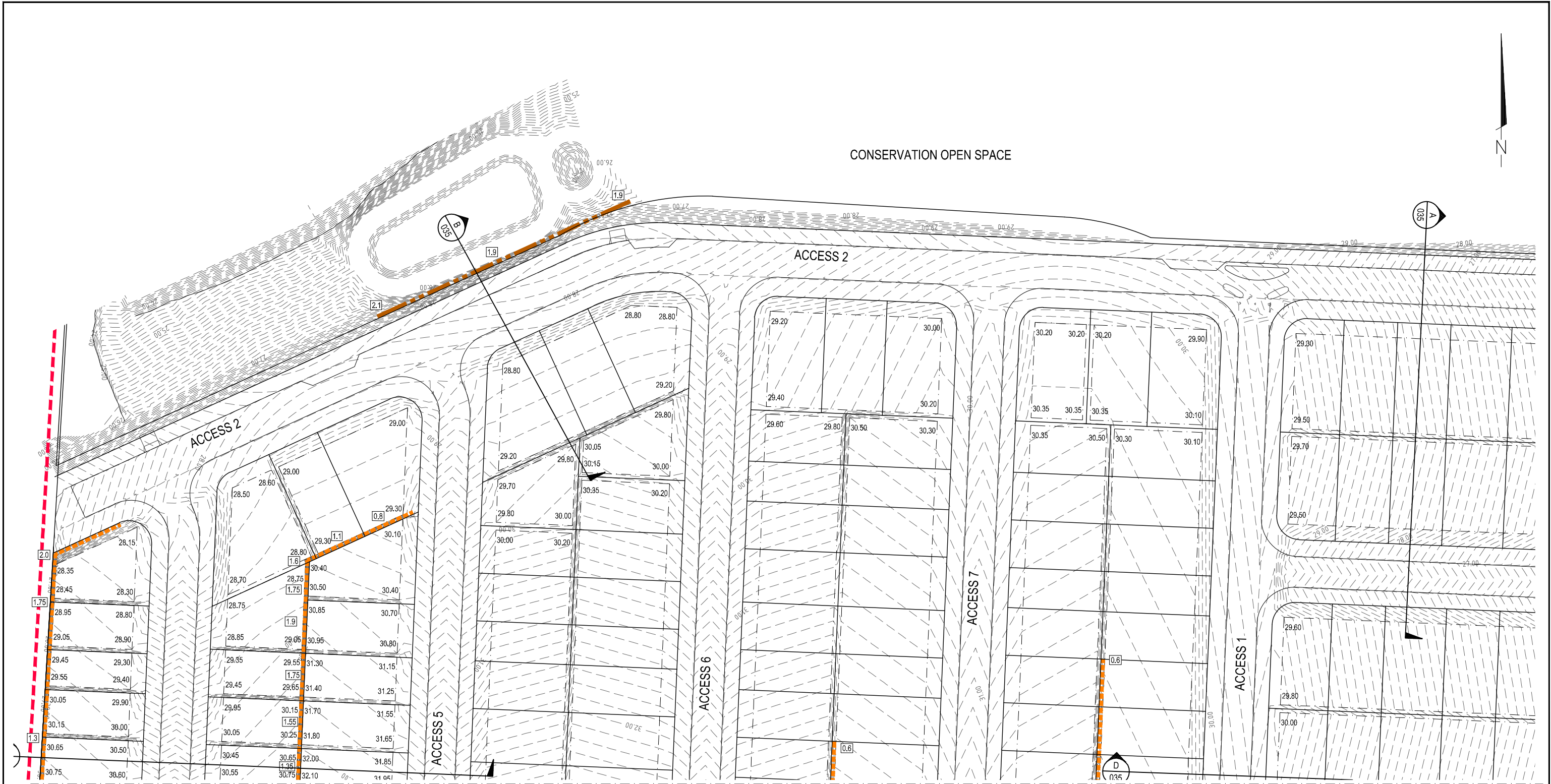
	CUT	FILL
DA1	9,000	229,000
DA2	2,000	53,000
DA3	130,000	25,000
TOTALS	141,000	307,000

- VOLUMES ARE RAW FIGURES ONLY, NO COMPACTION FACTORS HAVE BEEN APPLIED
- VOLUMES DOES NOT CONSIDER BOXING



AMENDMENT DETAILS						STATUS		SCALE		CLIENT		PROJECT		DRAWING TITLE		
INITIAL	DES	DRN	CHK	APP	DATE	FOR APPROVAL		0 10 20 30 40 50 60 70 80		AVID RESIDENTIAL GROUP PTY LTD		341 BELLMERE ROAD		EARTHWORKS LAYOUT PLAN		
ISSUE	JM	JH	OH	OH	19.02.26	APPROVED		SCALE 1:1000 (A1)		www.egis-group.com		DEVELOPMENT APPLICATION 3		PROJECT No. DRAWING No. REVISION		
						BY: OLIVER HARTIGAN RPEQ NO: 27508		SCALE 1:2000 (A3)						25-1004712 DA3-020 -		
						SIGN: DATE: 19.02.26										

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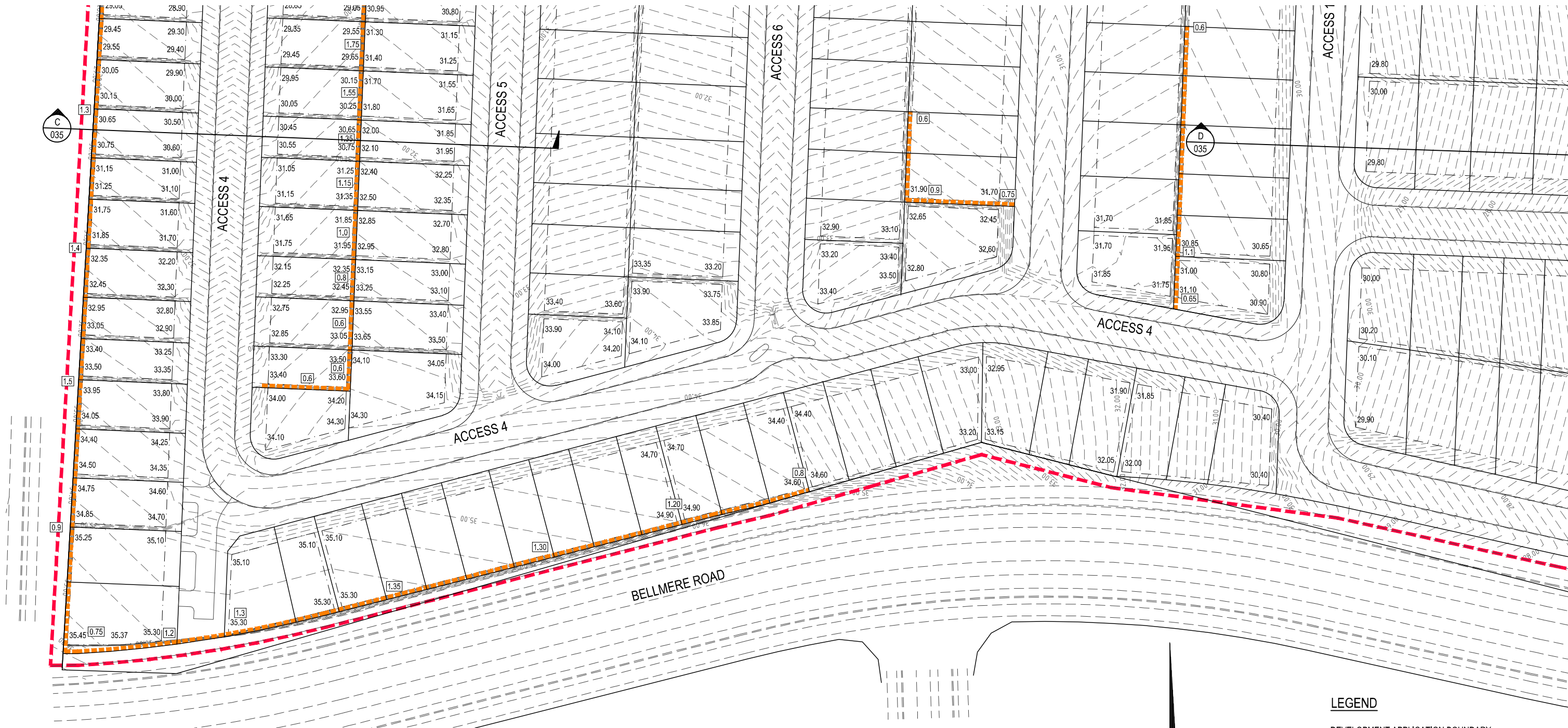
REFER SHEET 2 FOR CONTINUATION

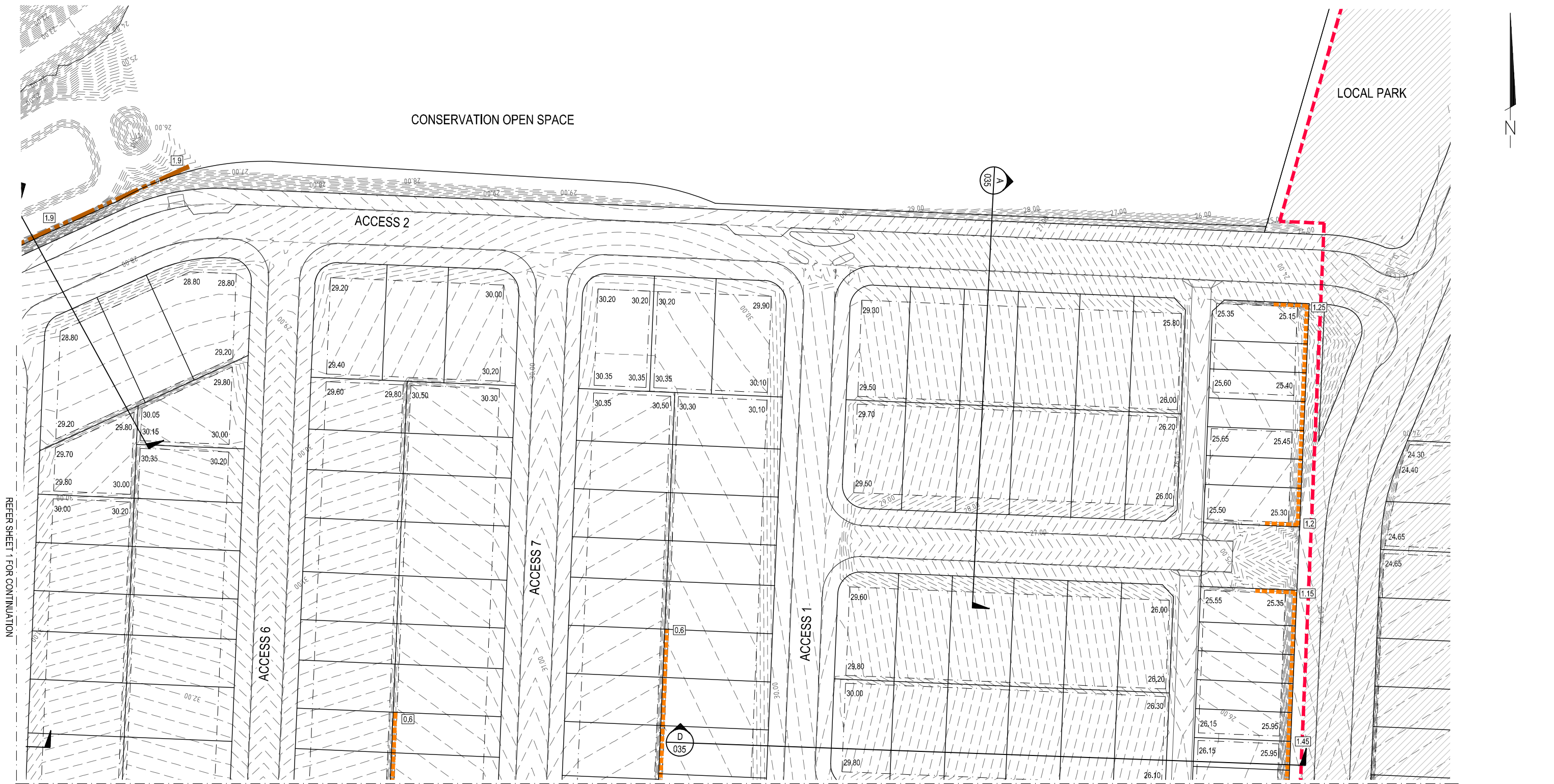
LEGEND

- DEVELOPMENT APPLICATION BOUNDARY
- DESIGN CONTOURS
- PROPOSED RETAINING WALL (CONCRETE) AND HEIGHTS
- PROPOSED RETAINING WALL (ROCK/BOULDER) AND HEIGHTS
- PROPOSED ALLOTMENT PADS AND LEVELS.
PADS ARE SHOWN IN ALLOTMENT GROUPS AS PART OF THE D.A.
INDIVIDUAL ALLOTMENTS TO BE DETAILED AT OPERATIONAL WORKS APPLICATION STAGE.
- RETAINING WALL HEIGHTS AND EXTENTS ARE SHOWN AS A GUIDE ONLY. DETAILED DESIGN OF RETAINING WALLS TO BE COMPLETED AT OPERATIONAL WORKS STAGE OF DEVELOPMENT

INITIAL	DES	DRN	CHK	APP	DATE	AMENDMENT DETAILS	STATUS	SCALE	CLIENT	PROJECT	DRAWING TITLE
ISSUE	JM	JH	OH	OH	19.02.26		FOR APPROVAL	0 5 10 15 20 25 30 35 40 SCALE 1:500 (A1) SCALE 1:1000 (A3)	AVID RESIDENTIAL GROUP PTY LTD	341 BELLMERE ROAD BELLMERE DEVELOPMENT APPLICATION 3	ALLOTMENT GRADING LAYOUT PLAN SHEET 1
							APPROVED BY: OLIVER HARTIGAN RPEQ NO: 27508				PROJECT No. 25-1004712 DRAWING No. DA3-030 REVISION -
							SIGN: DATE: 19.02.26				

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LEGEND

- DEVELOPMENT APPLICATION BOUNDARY
- DESIGN CONTOURS
- PROPOSED RETAINING WALL (CONCRETE) AND HEIGHTS
- PROPOSED RETAINING WALL (ROCK/BOULDER) AND HEIGHTS.
- PROPOSED ALLOTMENT PADS AND LEVELS. PADS ARE SHOWN IN ALLOTMENT GROUPS AS PART OF THE D.A. INDIVIDUAL ALLOTMENTS TO BE DETAILED AT OPERATIONAL WORKS APPLICATION STAGE.
- RETAINING WALL HEIGHTS AND EXTENTS ARE SHOWN AS A GUIDE ONLY. DETAILED DESIGN OF RETAINING WALLS TO BE COMPLETED AT OPERATIONAL WORKS STAGE OF DEVELOPMENT

AMENDMENT DETAILS						STATUS		SCALE		CLIENT		PROJECT		DRAWING TITLE	
INITIAL ISSUE	DES JM	DRN JH	CHK OH	APP OH	DATE 19.02.26	FOR APPROVAL		SCALE 1:500 (A1) SCALE 1:1000 (A3)		AVID RESIDENTIAL GROUP PTY LTD		341 BELLMERE ROAD BELLMERE DEVELOPMENT APPLICATION 3		ALLOTMENT GRADING LAYOUT PLAN SHEET 3	
						APPROVED BY: OLIVER HARTIGAN RPEQ NO: 27508		© 2023 Egis Consulting Pty Ltd www.egis-group.com		AVID				PROJECT No. 25-1004712 DRAWING No. DA3-032 REVISION -	
						SIGN: DATE: 19.02.26									

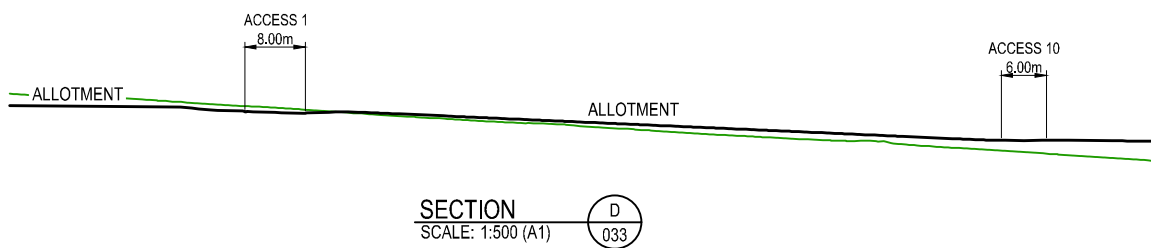
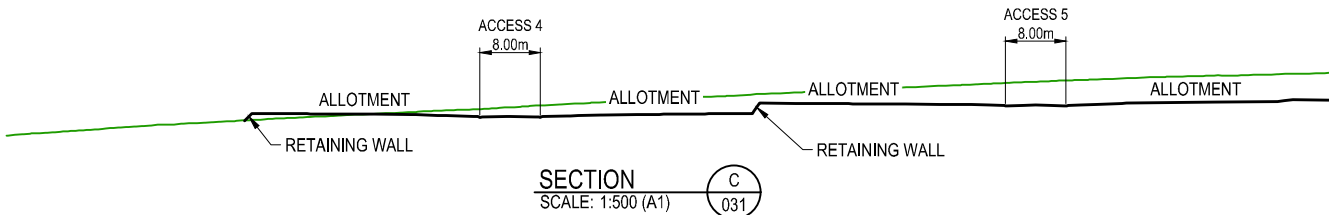
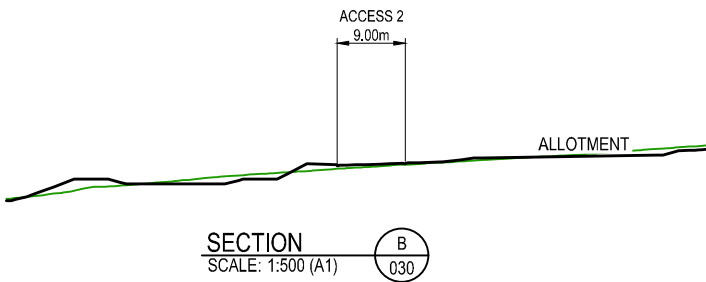
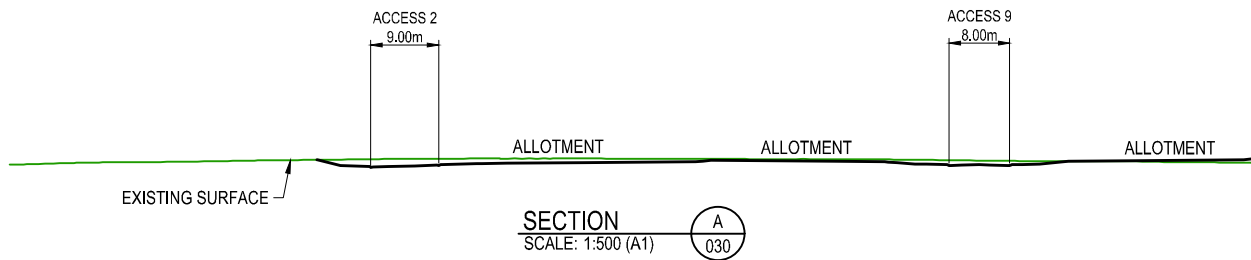
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LEGEND

- Development Application Boundary
- Design Contours
- Proposed Allotment Pads and Levels. Pads are shown in allotment groups as part of the D.A. Individual allotments to be detailed at operational works application stage.
- Proposed Retaining Wall (Concrete) and Heights
- Proposed Retaining Wall (Rock/Boulder) and Heights.
- Retaining Wall heights and extents are shown as a guide only. Detailed design of retaining walls to be completed at operational works stage of development

INITIAL ISSUE	DES	DRN	CHK	APP	DATE	AMENDMENT DETAILS		STATUS		SCALE		CLIENT	PROJECT	DRAWING TITLE			
	JM	JH	OH	OH	19.02.26			FOR APPROVAL						ALLOTMENT GRADING LAYOUT PLAN SHEET 4			
AMENDMENT								APPROVED				 © 2023 Egis Consulting Pty Ltd www.egis-group.com	AVID RESIDENTIAL GROUP PTY LTD AVID	341 BELLMERE ROAD BELLMERE DEVELOPMENT APPLICATION 3	PROJECT No.	DRAWING No.	REVISION
								BY: OLIVER HARTIGAN RPEQ NO: 27508							25-1004712	DA3-033	-
								SIGN: DATE: 19.02.26									



INITIAL ISSUE	DES	DRN	CHK	APP	DATE	AMENDMENT DETAILS	STATUS	SCALE	 © 2023 Egis Consulting Pty Ltd www.egis-group.com	CLIENT	PROJECT	DRAWING TITLE
JM	JH	OH	OH	19.02.26	FOR APPROVAL			AVID RESIDENTIAL GROUP PTY LTD		341 BELLMERE ROAD BELLMERE DEVELOPMENT APPLICATION 3	EARTHWORKS TYPICAL CROSS SECTIONS	
AMENDMENT							APPROVED					
							BY: OLIVER HARTIGAN	RPEQ NO: 27508				
							SIGN:	DATE: 19.02.26				

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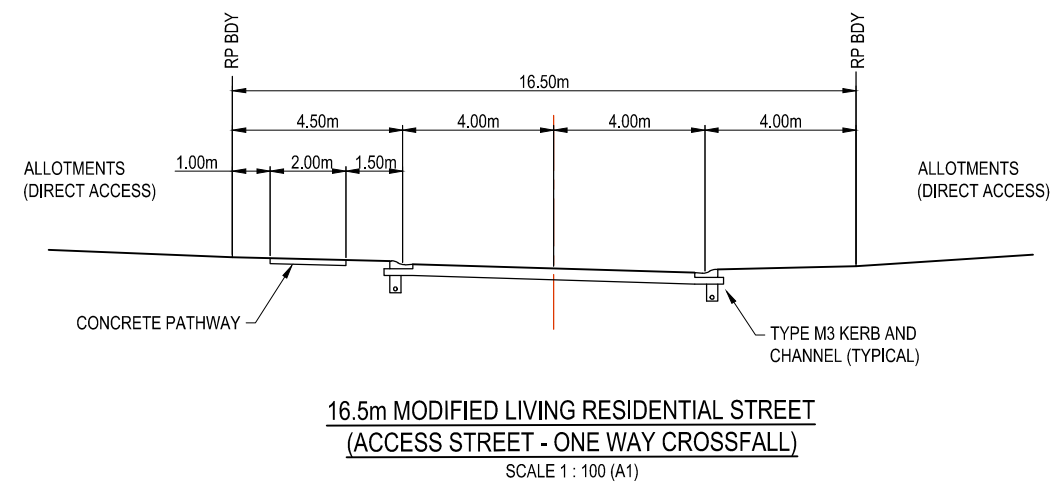
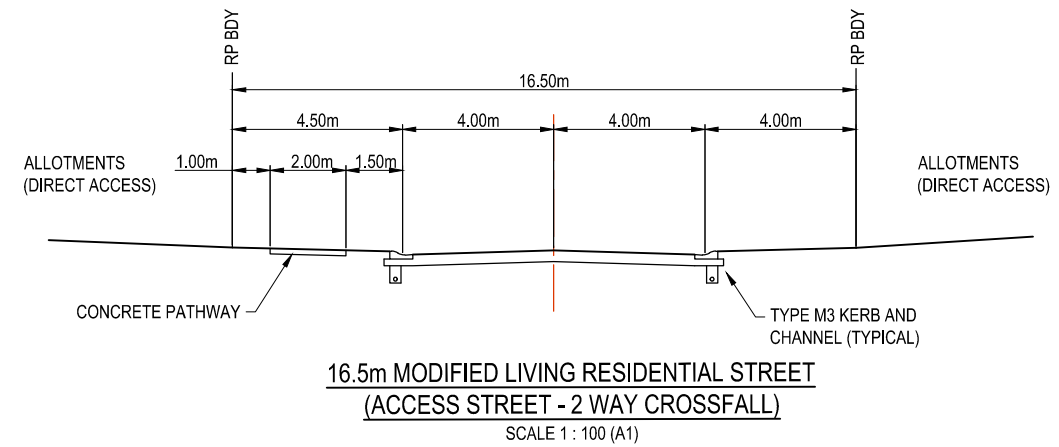
LEGEND

- DEVELOPMENT APPLICATION BOUNDARY
- - - PROPOSED KERB OR KERB AND CHANNEL
- PROPOSED LINE MARKING
- ▲ PROPOSED DRIVEWAY LOCATIONS
- PROPOSED CONCRETE PATHWAY

NOTE.
REFER DRG 'ROADWORKS - TYPICAL SECTIONS'
FOR ROAD AND PATH WIDTHS AND DIMENSIONS

AMENDMENT DETAILS						STATUS		SCALE		CLIENT		PROJECT		DRAWING TITLE				
INITIAL ISSUE	DES JM	DRN JH	CHK OH	APP OH	DATE 19.02.26	FOR APPROVAL		01020304050607080 SCALE 1:1000 (A1)SCALE 1:2000 (A3)		egis © 2023 Egis Consulting Pty Ltd www.egis-group.com		AVID RESIDENTIAL GROUP PTY LTD AVID		341 BELLMERE ROAD BELLMERE DEVELOPMENT APPLICATION 3		ROADWORKS LAYOUT PLAN		
						APPROVED								PROJECT No. DRAWING No. REVISION				
						BY: OLIVER HARTIGAN RPEQ NO: 27508								25-1004712 DA3-040 -				
						SIGN: DATE: 19.02.26												

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INITIAL ISSUE						DES JM	DRN JH	CHK OH	APP OH	DATE 19.02.26	AMENDMENT DETAILS		STATUS		SCALE		CLIENT		PROJECT		DRAWING TITLE	
													FOR APPROVAL				AVID RESIDENTIAL GROUP PTY LTD		341 BELLMERE ROAD BELLMERE		ROADWORKS TYPICAL CROSS SECTIONS	
													APPROVED				AVID		DEVELOPMENT APPLICATION 3			
													BY: OLIVER HARTIGAN		RPEQ NO: 27508						PROJECT No.	
													SIGN:		DATE: 19.02.26						DRAWING No.	
																					REVISION	
																					25-1004712	
																					DA3-041	
																					-	

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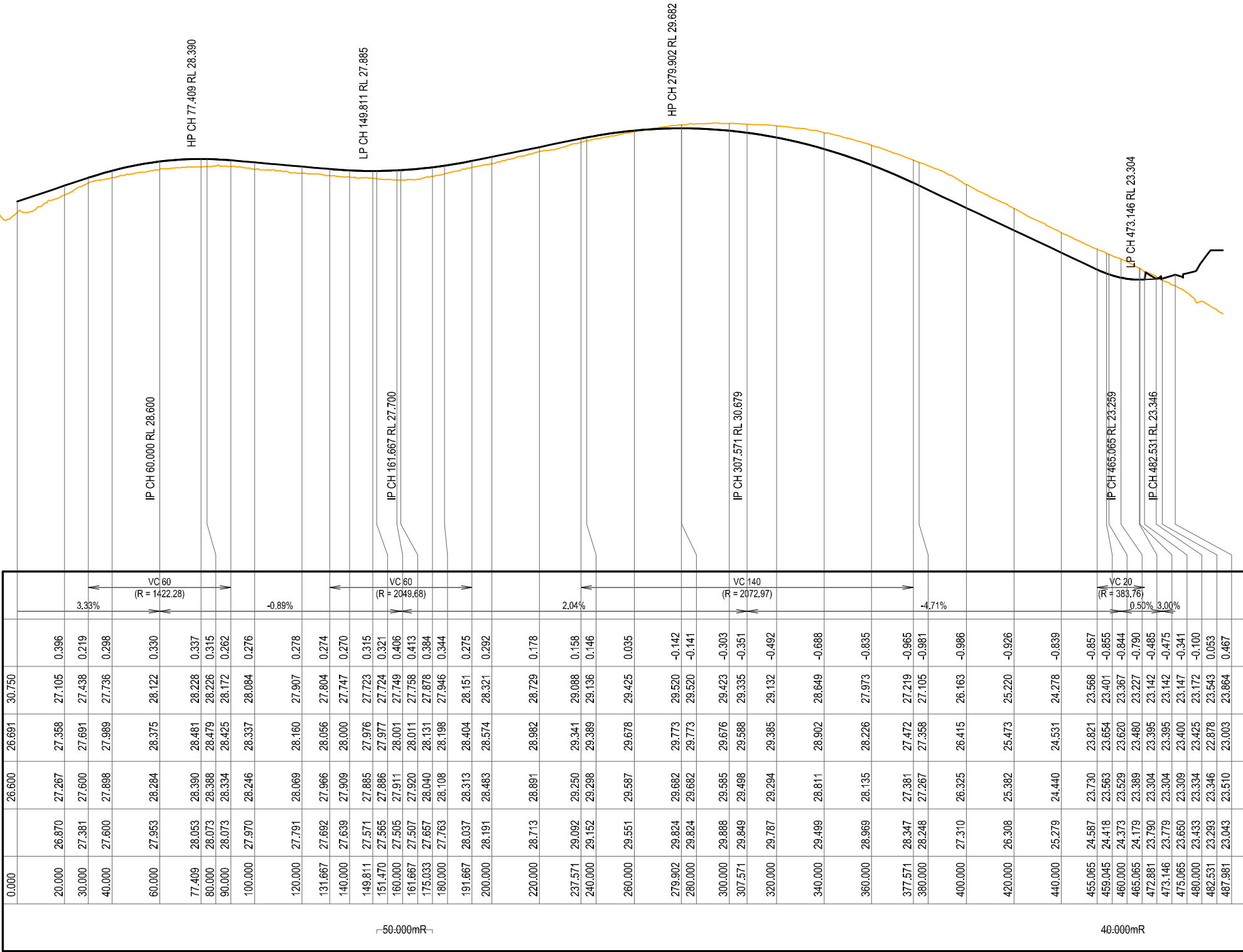
HORIZ SCALE: 1000
VERTICAL SCALE: 100

DRAWING TITLE		
ROADWORKS LONGITUDINAL SECTION ACCESS 1		
PROJECT No.	DRAWING No.	REVISION
25-1004712	DA3-042	-

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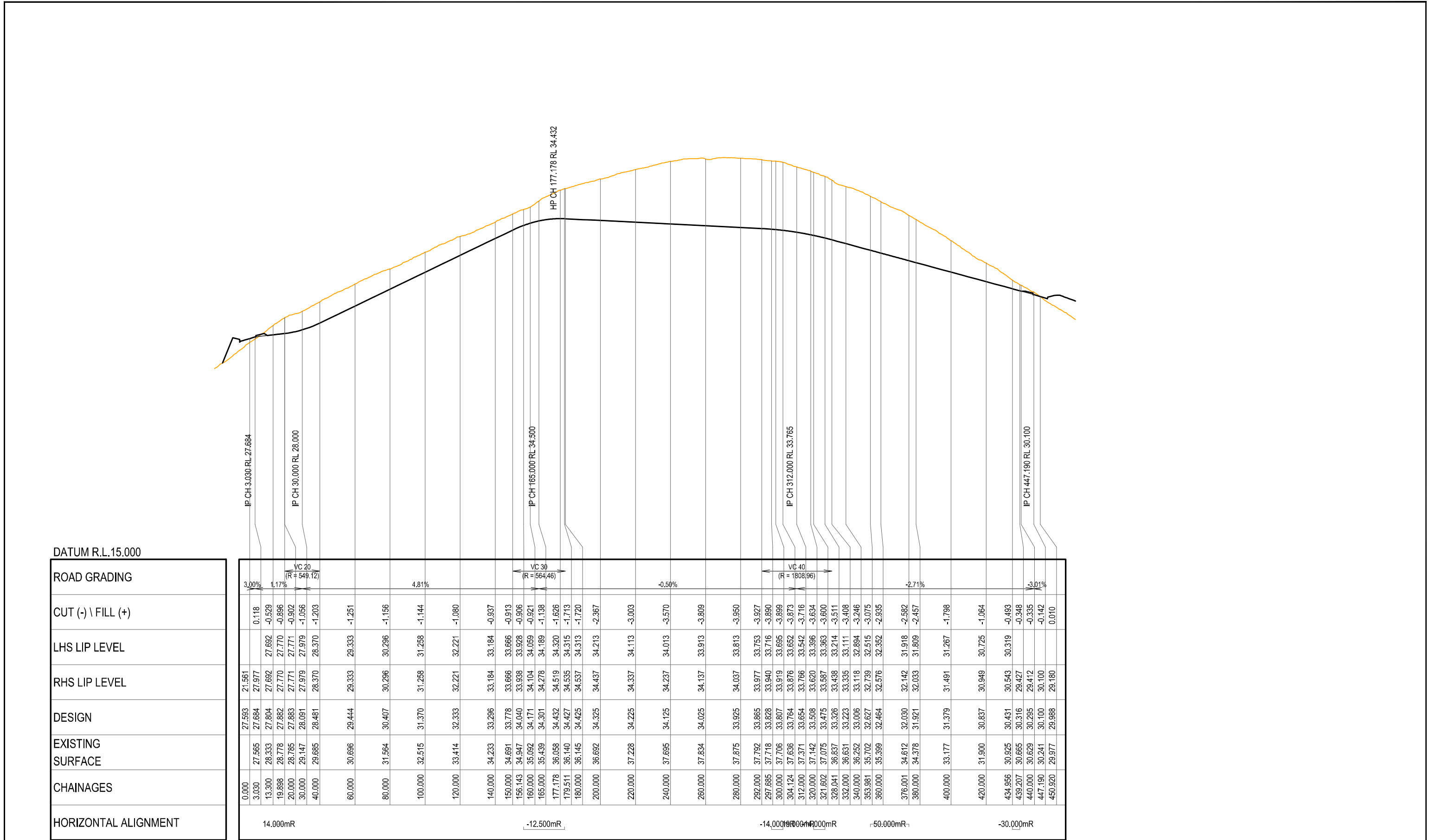
DATUM R.L.11.000

ROAD GRADING
CUT (-) \ FILL (+)
LHS LIP LEVEL
RHS LIP LEVEL
DESIGN
EXISTING SURFACE
CHAINAGES
HORIZONTAL ALIGNMENT



HORIZ SCALE: 1000
VERTICAL SCALE: 100

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HORIZ SCALE: 1000
VERTICAL SCALE: 100

INITIAL
ISSUE

DES

DRN

CHK

APP

DATE

JM

JH

OH

OH

18.02.26

AMENDMENT DETAILS

STATUS

FOR APPROVAL

APPROVED

BY: OLIVER HARTIGAN RPEQ NO: 27508

SIGN: DATE: 18.02.26

SCALE

0 10 20 30 40 50 60 70 80

SCALE 1:1000 (A1)

HORIZONTAL

SCALE 1:2000 (A3)

0 1 2 3 4 5 6 7 8

SCALE 1:100 (A1)

VERTICAL

SCALE 1:2000 (A3)

CLIENT

AVID RESIDENTIAL
GROUP PTY LTD

AVID

PROJECT

341 BELLMERE ROAD
BELLMERE
DEVELOPMENT APPLICATION 3

DRAWING TITLE

ROADWORKS
LONGITUDINAL SECTION
ACCESS 5 & 6

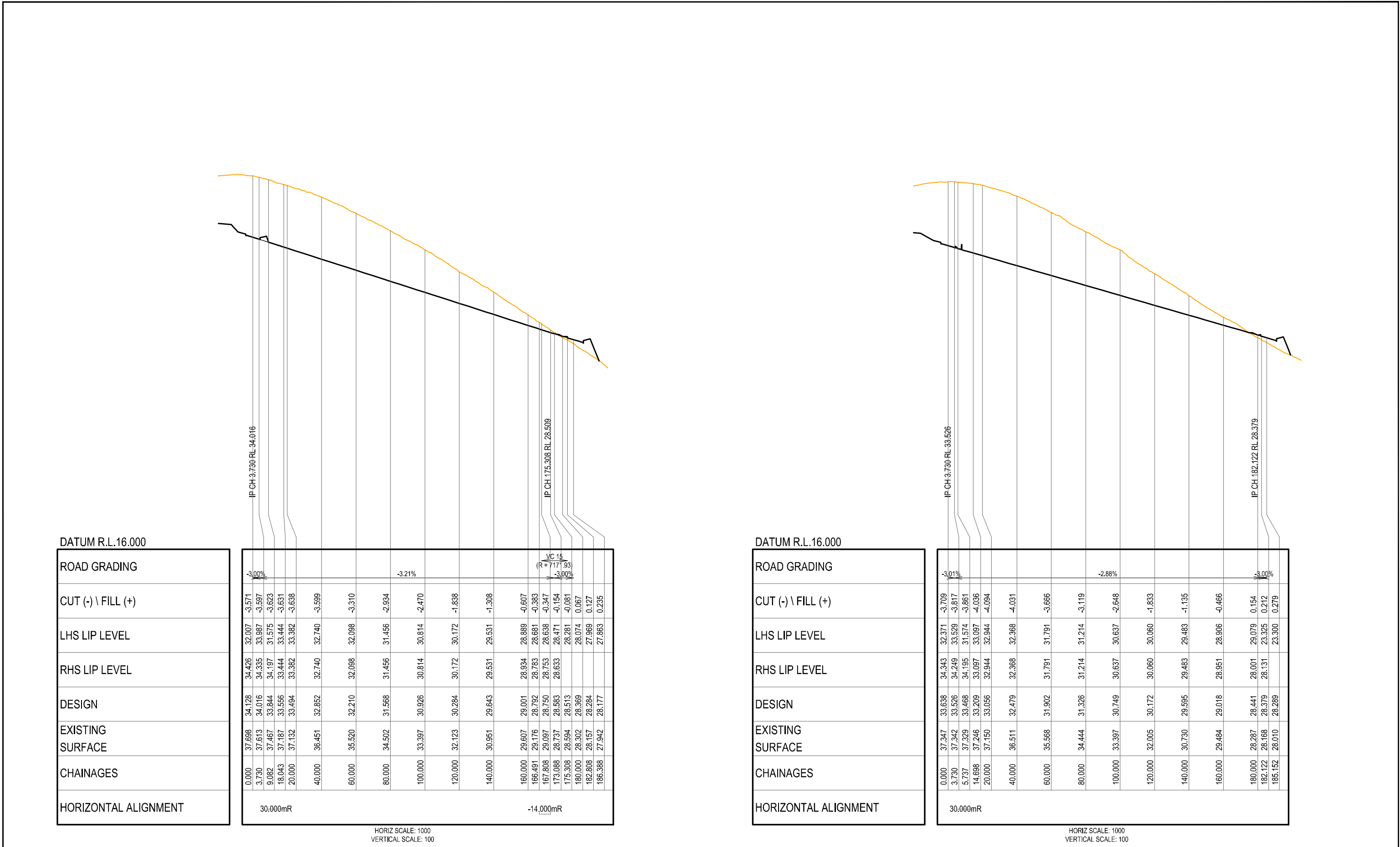
PROJECT No.

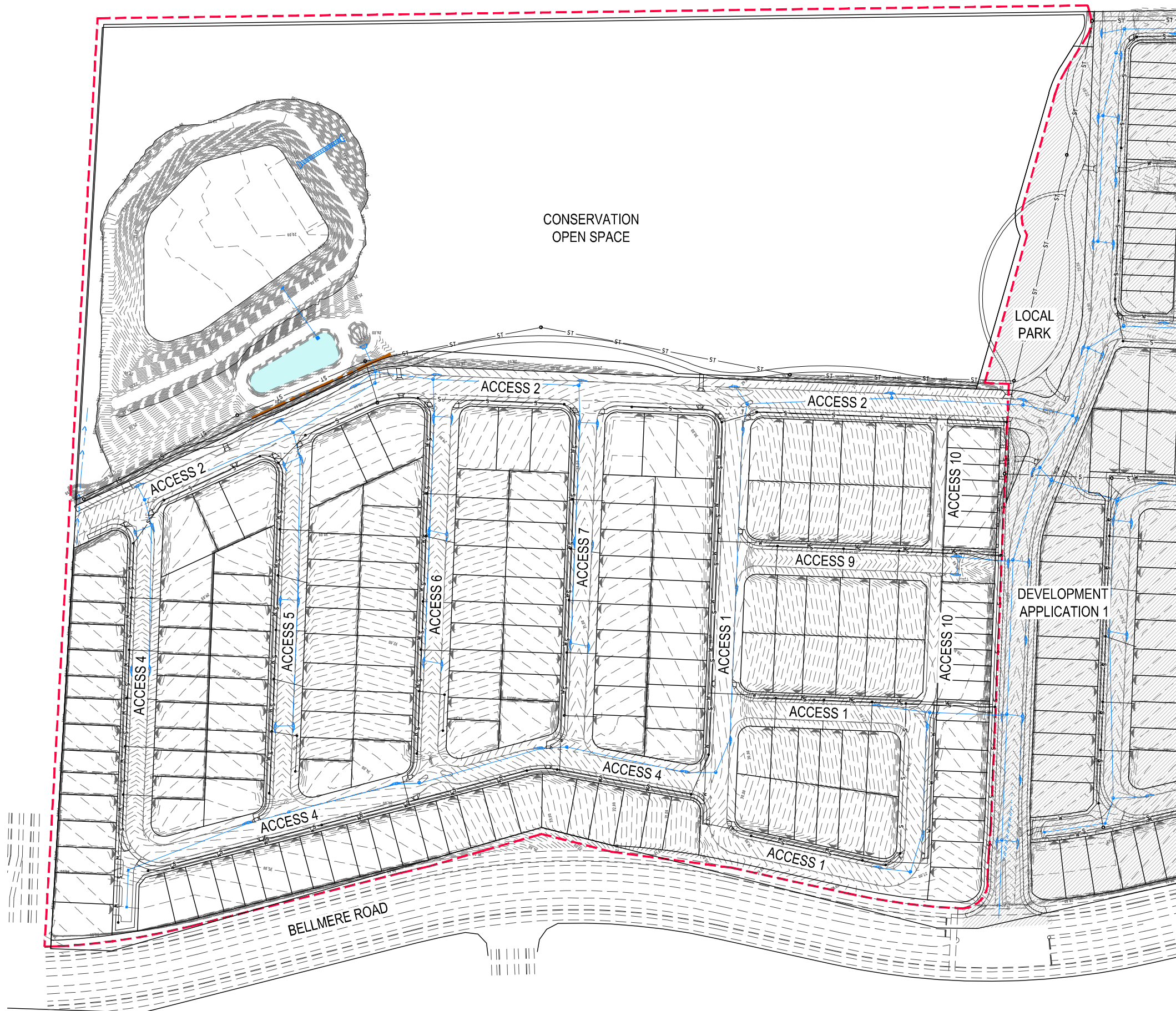
DRAWING No.

REVISION

25-1004712 DA3-044 -

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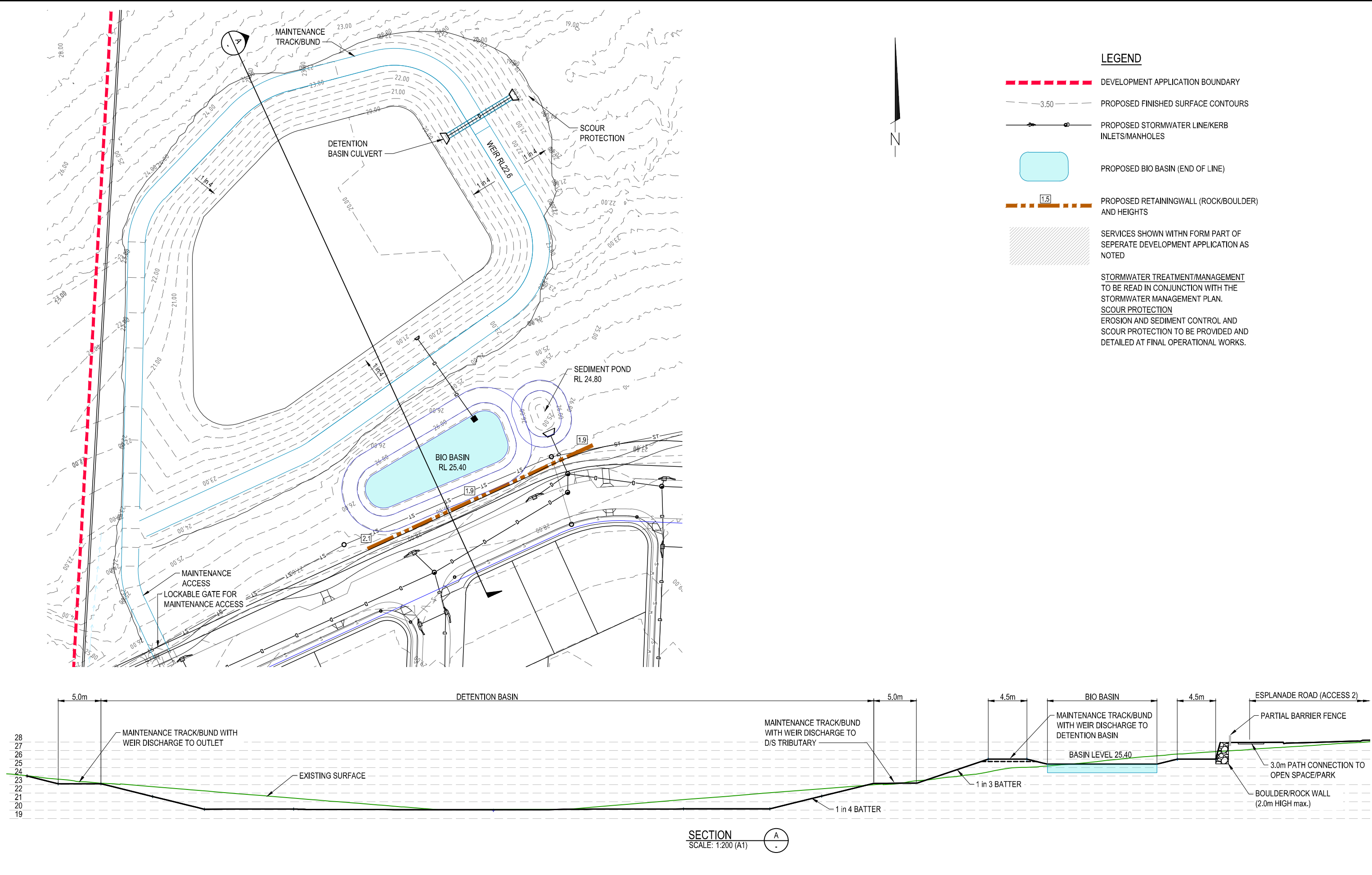
LEGEND

- DEVELOPMENT APPLICATION BOUNDARY
- 3.50- PROPOSED FINISHED SURFACE CONTOURS
- PROPOSED STORMWATER LINE/KERB INLETS/MANHOLES
- PROPOSED BIO BASIN (END OF LINE)
- PROPOSED RETAININGWALL (ROCK/BOULDER) AND HEIGHTS
- SERVICES SHOWN WITHN FORM PART OF SEPERATE DEVELOPMENT APPLICATION AS NOTED

STORMWATER TREATMENT/MANAGEMENT
TO BE READ IN CONJUNCTION WITH THE
STORMWATER MANAGEMENT PLAN.
SCOUR PROTECTION
EROSION AND SEDIMENT CONTROL AND
SCOUR PROTECTION TO BE PROVIDED AND
DETAILED AT FINAL OPERATIONAL WORKS.

AMENDMENT DETAILS						STATUS		SCALE		CLIENT		PROJECT		DRAWING TITLE		
INITIAL	DES	DRN	CHK	APP	DATE	FOR APPROVAL		0 10 20 30 40 50 60 70 80		AVID RESIDENTIAL GROUP PTY LTD		341 BELLMERE ROAD BELLMERE		STORMWATER LAYOUT PLAN		
ISSUE	JM	JH	OH	OH	19.02.26	APPROVED		SCALE 1:1000 (A1)		www.egis-group.com		DEVELOPMENT APPLICATION 3		PROJECT No. DRAWING No. REVISION		
						BY: OLIVER HARTIGAN RPEQ NO: 27508		SCALE 1:2000 (A3)						25-1004712 DA3-050		
						SIGN: DATE: 19.02.26										

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INITIAL	DES	DRN	CHK	APP	DATE	AMENDMENT DETAILS	
ISSUE	JM	JH	OH	OH	19.02.26		

STATUS	
FOR APPROVAL	
APPROVED	
BY: OLIVER HARTIGAN	RPEQ NO: 27508
SIGN:	DATE: 19.02.26

SCALE	
0 5 10 15 20 25 30 35 40	SCALE 1:500 (A1)
0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0	SCALE 1:200 (A1)
	SCALE 1:400 (A3)

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CLIENT
AVID RESIDENTIAL GROUP PTY LTD

PROJECT
341 BELLMERE ROAD
BELLMERE
DEVELOPMENT APPLICATION 3

DRAWING TITLE
STORMWATER BASIN LAYOUT AND DETAILS

PROJECT No.	DRAWING No.	REVISION
25-1004712	DA3-051	-



LEGEND

- DEVELOPMENT APPLICATION BOUNDARY
- PROPOSED RETICULATION WATER MAIN
- PROPOSED WATER SERVICE CONDUITS/LOCATION
- PROPOSED TRUNK WATER MAIN (DN200)
- PROPOSED STORMWATER
- PROPOSED SEWER
- PROPOSED TRUNK SEWER (REFER NETWORK ANALYSIS, BY OTHERS)
- PROPOSED RISING MAIN (REFER NETWORK ANALYSIS, BY OTHERS)
- SERVICES SHOWN WITHIN FORM PART OF SEPARATE DEVELOPMENT APPLICATION AS NOTED

WATERMAIN SIZING
REFER NETWORK ANALYSIS (BY OTHERS) FOR
WATER MAIN SIZING AND TRUNK
INFRASTRUCTURE.

AMENDMENT DETAILS						STATUS		SCALE		CLIENT		PROJECT		DRAWING TITLE		
INITIAL	DES	DRN	CHK	APP	DATE	FOR APPROVAL		0 10 20 30 40 50 60 70 80		AVID RESIDENTIAL GROUP PTY LTD		341 BELLMERE ROAD		OVERALL SERVICES LAYOUT PLAN		
ISSUE	JM	JH	OH	OH	19.02.26	APPROVED		SCALE 1:1000 (A1)		www.egis-group.com		DEVELOPMENT APPLICATION 3		PROJECT No. DRAWING No. REVISION		
						BY: OLIVER HARTIGAN RPEQ NO: 27508		SCALE 1:2000 (A3)						25-1004712 DA3-060		
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