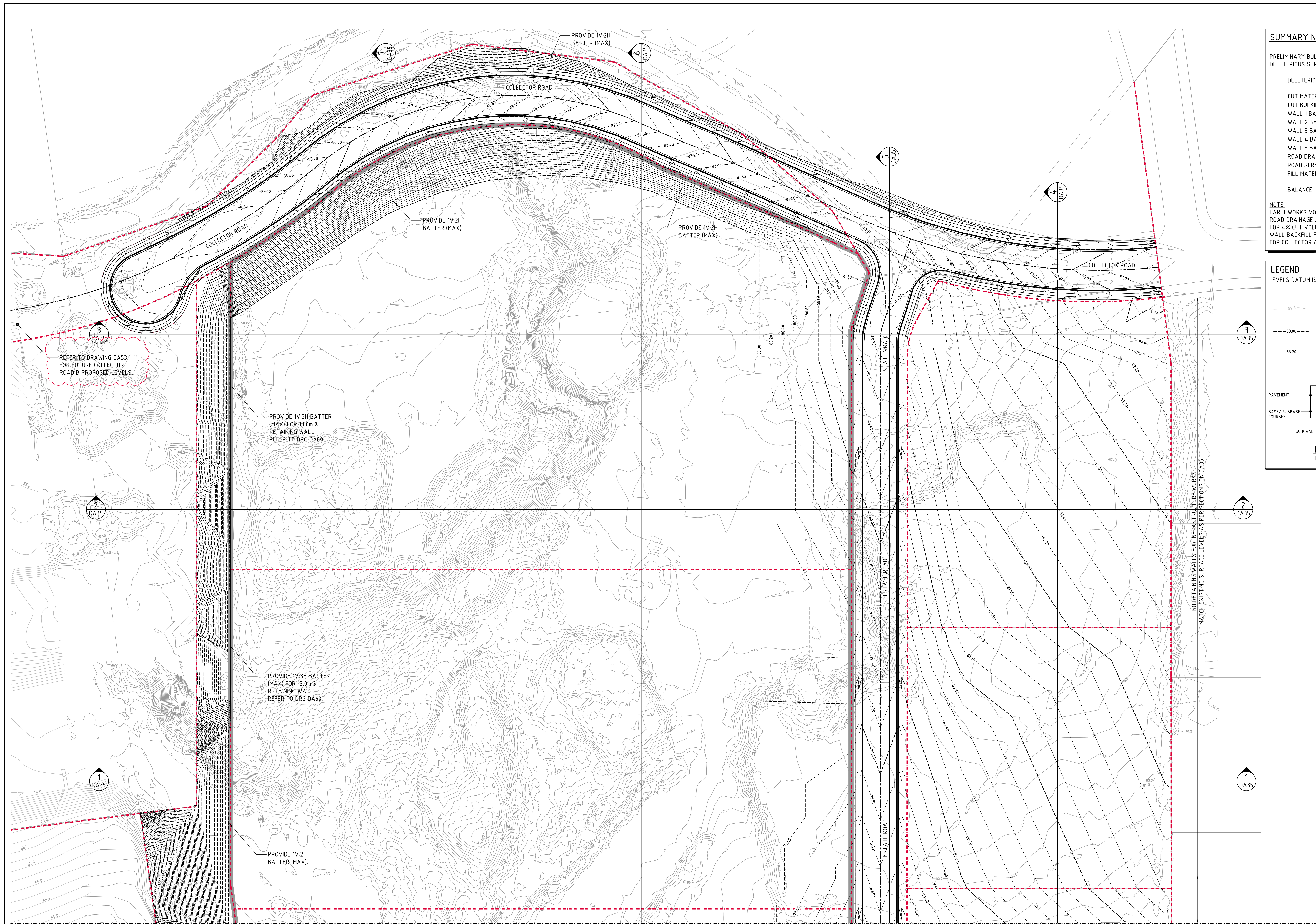




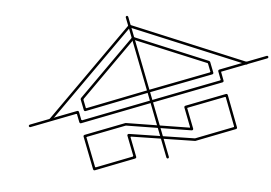
SUMMARY NOTES	
PRELIMINARY BULK EARTHWORKS VOLUMES BASED A NOMINAL DELETERIOUS STRIP OF 20mm:	
DELETERIOUS STRIP	(= 4,400m³) TO BE EXPORTED
CUT MATERIAL	= -395,700m³
CUT BULKING (4%)	= - 15,600m³
WALL 1 BACKFILL	= - 700m³
WALL 2 BACKFILL	= - 8,100m³
WALL 3 BACKFILL	= - 12,000m³
WALL 4 BACKFILL	= - 4,900m³
WALL 5 BACKFILL	= - 1,200m³
ROAD DRAINAGE	= - 3,500m³
ROAD SERVICES	= - 1,500m³
FILL MATERIAL	= +438,000m³
BALANCE	= - 5,200m³ (i.e. EXPORT)
NOTE: EARTHWORKS VOLUMES INCLUDE DETAILED EXCAVATION FOR ROAD DRAINAGE AND SERVICES ONLY. BULKING OF CUT MATERIAL FOR 4% CUT VOLUME, 20mm DELETERIOUS STRIP, RETAINING WALL BACKFILL FOR R.E. WALLS, AND 700mm PAVEMENT DEPTH FOR COLLECTOR AND ESTATE ROAD.	

LEGEND
LEVELS DATUM IS AHD.

— 62.5 — — EXISTING CONTOUR
--- 83.00 --- — B.E.L. CONTOUR (MAJOR 1.00m)
--- 83.20 --- — B.E.L. CONTOUR (MINOR 0.20m)

PAVEMENT ——— PAVEMENT FFL ——— DEPTH OF PAVEMENT. REFER TO STRUCTURAL PLANS FOR DETAILS.
BASE/ SUBBASE COURSES ——— NOMINATED B.E. LEVEL
SUBGRADE ———

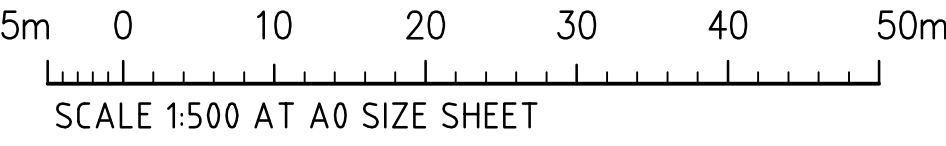
NOMINATED B.E.L. DETAIL
N.T.S.



BULK EARTHWORKS PLAN – SHEET 1
SCALE 1:500

BREAKLINE – REFER TO DRAWING C010726.13-DA32 FOR CONTINUATION

FOR DEVELOPMENT APPLICATION



REVISED AS CLOUDED			PROJECT			CLIENT			PROPOSED INDUSTRIAL DEVELOPMENT			COSTIN ROE CONSULTING PTY LTD.			DRAWING TITLE		
ISSUED FOR DEVELOPMENT APPLICATION			3.06.16			HANSON LAND			Level 1, 8 Windmill Street			Consulting Engineers			BULK EARTHWORKS PLAN		
ISSUED FOR INFORMATION			25.02.16			EASTERN CREEK			Walsh Bay, Sydney NSW 2000			Tel: (02) 9251-7699 Fax: (02) 9241-3721			SHEET 1		
AMENDMENTS			18.12.15			AMENDMENTS			DESIGNED: MW			email: mail@costinroe.com.au			DRAWING No		
			DATE			DATE			CHECKED: MW			C010726.13-DA31			C010726.13-DA31		
			ISSUE			ISSUE			SCALE			AS SHOWN			ISSUE		
									C010726.13-DA31								