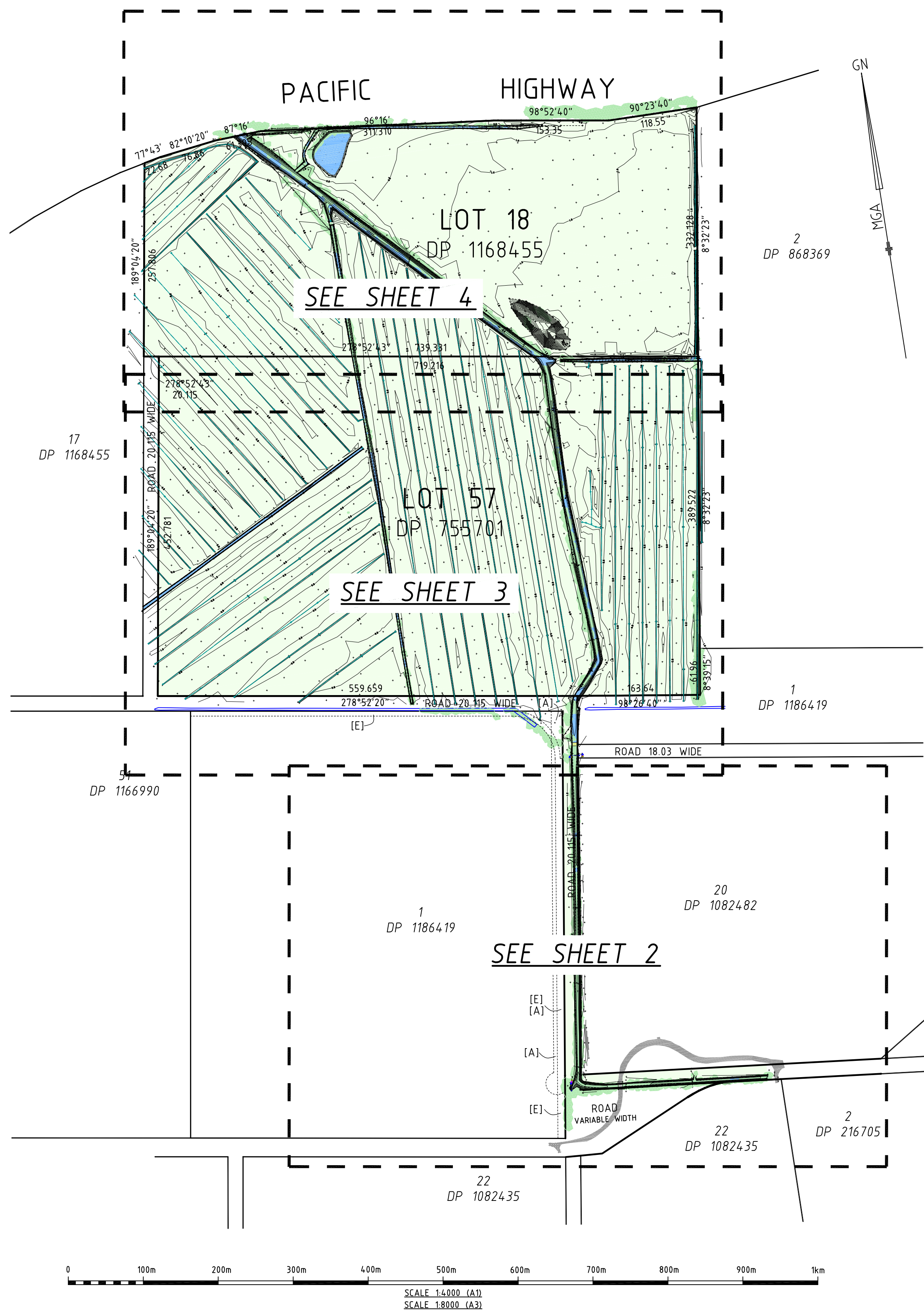


CONTOUR SURVEY AND
CONCEPT PLAN FOR
EXTRACTIVE INDUSTRY
LOT 18 ON DP 1168455 AND LOT 57 ON DP 755701
AND ADJOINING ROAD RESERVE
CHINDERAH, NSW



[E] EASEMENT FOR TRAMWAY 10.06 AND 6.705 WIDE (L41772)
[A] PROPOSED RIGHT OF CARRIAGEWAY 15 WIDE AND VARIABLE TO BENEFIT LOT 57
ON DP755701 AND LOT 18 ON DP1168455

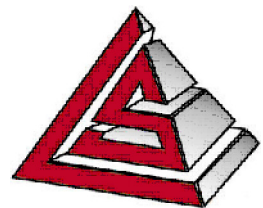
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- SHEET 1: TITLE PAGE AND SITE PLAN
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SHEET 3: CONTOUR SURVEY PLAN - SHEET 3
SHEET 4: CONTOUR SURVEY PLAN - SHEET 4
SHEET 5: DRAINAGE CHANNEL CROSS SECTIONS
SHEET 6: CONCEPT PLAN FOR EXTRACTIVE INDUSTRY

NOTES

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MINOR CONTOUR INTERVAL = 1m
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MOR EXTENSIVE SURVEY MAY BE REQUIRED FOR FULL DETERMINATION OF BOUNDARIES.

REVISION /DATE	REVISION DETAILS	REVISION BY
C	09/05/2017 EASEMENT & RIGHT OF CARRIAGEWAY ADDED. DESIGN OPTIONS REMOVED	CBS
B	28/04/2017 SCALE BARS AMENDED, BITUMEN ROAD ADDED. SECTION C1 ADDED. DESIGN SURFACES CHANGED	CBS
A	18/04/2017 SHEETS 6 - 8 ADDED	CBS



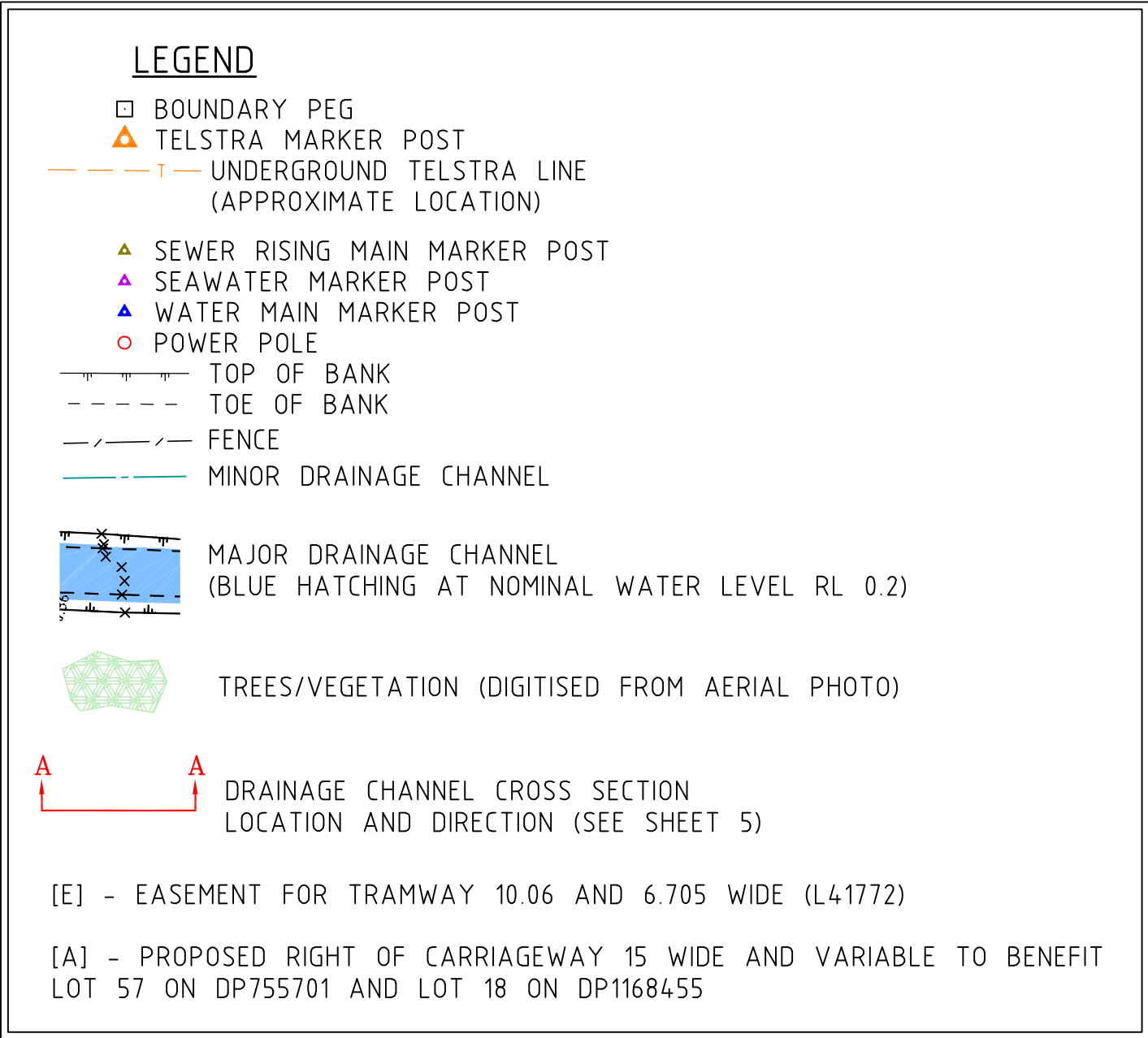
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PROJECT: CARBROOK SANDS PTY LTD
LOT 18 ON DP 1168455 AND LOT 57 ON DP 755701
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CHINDERAH, NSW

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DATE	12.04.17	JOB No. 39005
CAD FILE No.	39005_SU_01.dwg	DRAWN CBS CHECKED BG

SHEET TITLE:
TITLE PAGE AND SITE PLAN

DRAWING NUMBER	39005_SU_01
SHEET	1 OF 6
REVISION	C



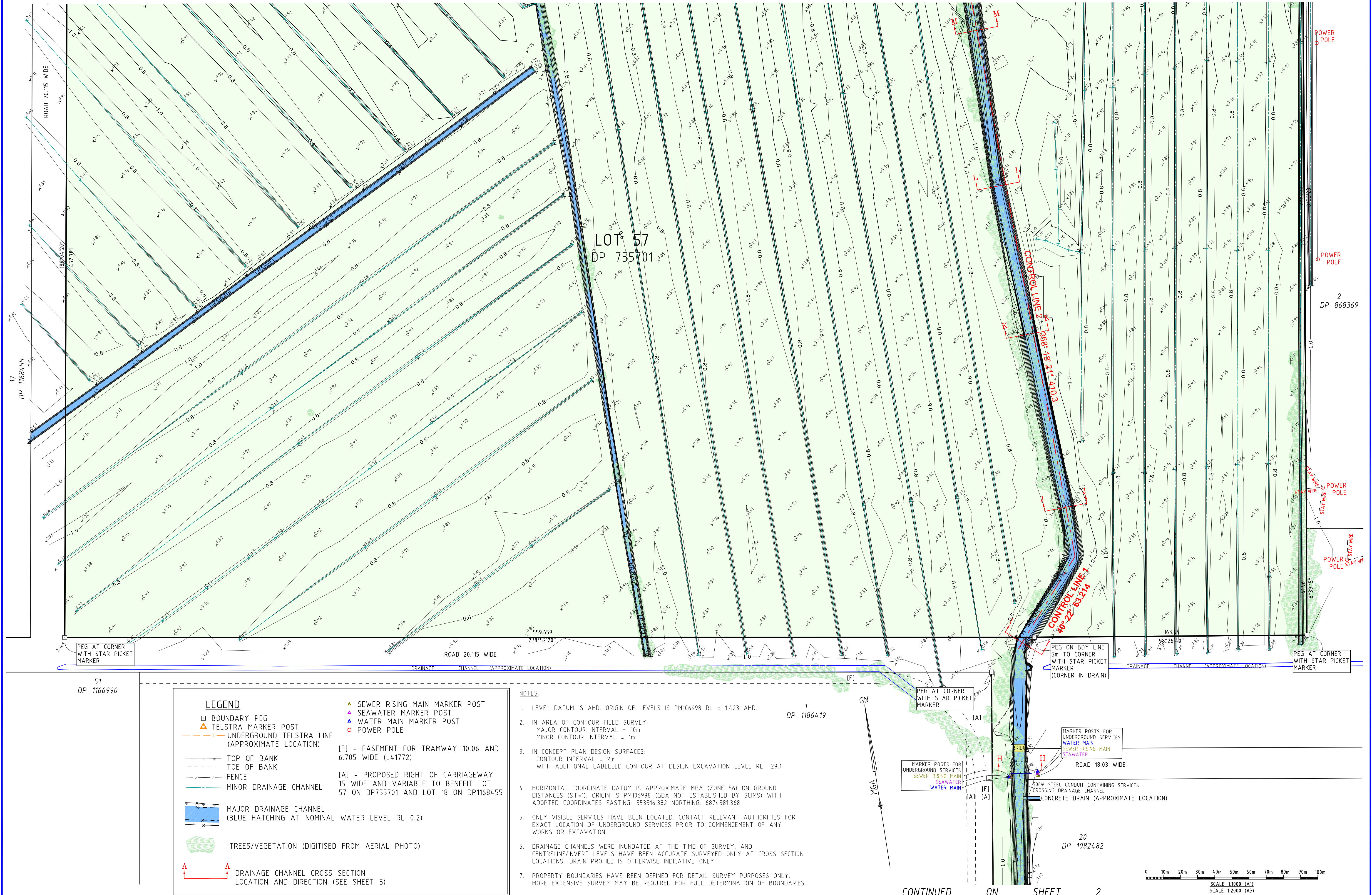
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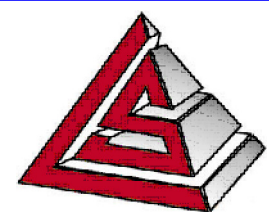


DATE OF SURVEY 09.04.17	SCALE 1: 1000 @ A1	
DATE 12.04.17	JOB No. 39005	
CAD FILE No. 39005_SU_01.dwg	DRAWN CBS	CHECKED BG

DRAWING NUMBER	
39005_SU_01	
SHEET	REVISION
2 OF 6	C



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SCALE 1: 1000 @ A1
JOB No.
39005
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SHEET TITLE:
CONTOUR SURVEY PLAN - SHEET 3

SCALE 1:1000 (A1)
SCALE 1:2000 (A3)

DRAWING NUMBER	39005_SU_01
SHEET	3 OF 6
REVISION	C

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LEGEND

BOUNDARY PEG

TELSTRA MARKER POST

UNDERGROUND TELSTRA LINE (APPROXIMATE LOCATION)

SEWER RISING MAIN MARKER POST

SEAWEATER MARKER POST

WATER MAIN MARKER POST

POWER POLE

TOP OF BANK

TOE OF BANK

FENCE

MINOR DRAINAGE CHANNEL

MAJOR DRAINAGE CHANNEL (BLUE HATCHING AT NOMINAL WATER LEVEL RL 0.2)

TREES/VEGETATION (DIGITISED FROM AERIAL PHOTO)

DRAINAGE CHANNEL CROSS SECTION LOCATION AND DIRECTION (SEE SHEET 5)

This is a detailed contour survey plan for Lot 18, located on DP 1168455. The plan shows the following features:

- Topography:** Contour lines are drawn at 2m intervals, with major contours every 10m. The area is generally sloping downwards from the top left towards the bottom right.
- Drainage:** A major drainage channel, shown with blue hatching, runs diagonally across the lot. It is labeled 'DRAINAGE CHANNEL' and 'CONTROL LINE'. A cross-section 'A-A' is indicated. A 'POND' is located in the upper left quadrant.
- Infrastructure:** A 'PACIFIC HIGHWAY' runs along the top edge of the plan. A 'TELSTRA CABLE' is shown running parallel to the highway, with several 'TELSTRA MARKER POST' locations marked. A 'POWER POLE' is located on the right side of the plan.
- Boundaries:** The lot boundary is clearly defined, with 'PEG AT CORNER WITH STAR PICKET MARKER' at the corners. The plan also shows 'CULVERT & VEHICLE ACCESS' points.
- Scale and Orientation:** A scale bar at the top right indicates distances from 0 to 100m. A north arrow is located at the top center.

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PROJECT:

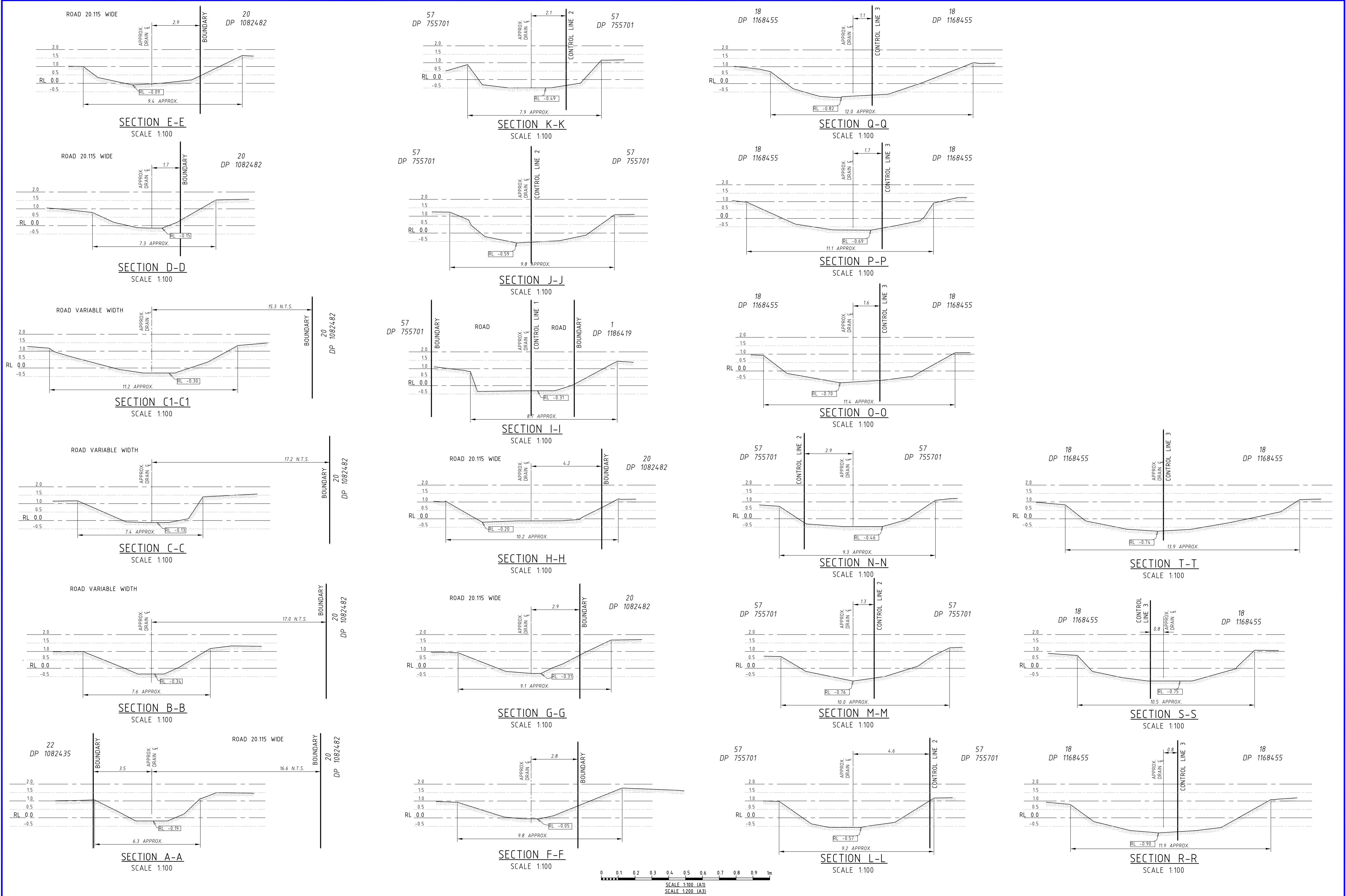
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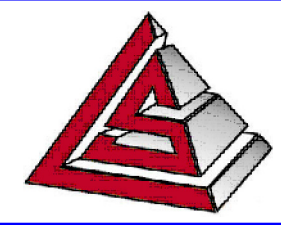
SHEET TITLE:

CONTOUR SURVEY PLAN - SHEET 4

DRAWING NUMBER	39005_SU_01
SHEET	4 OF 6
REVISION	C



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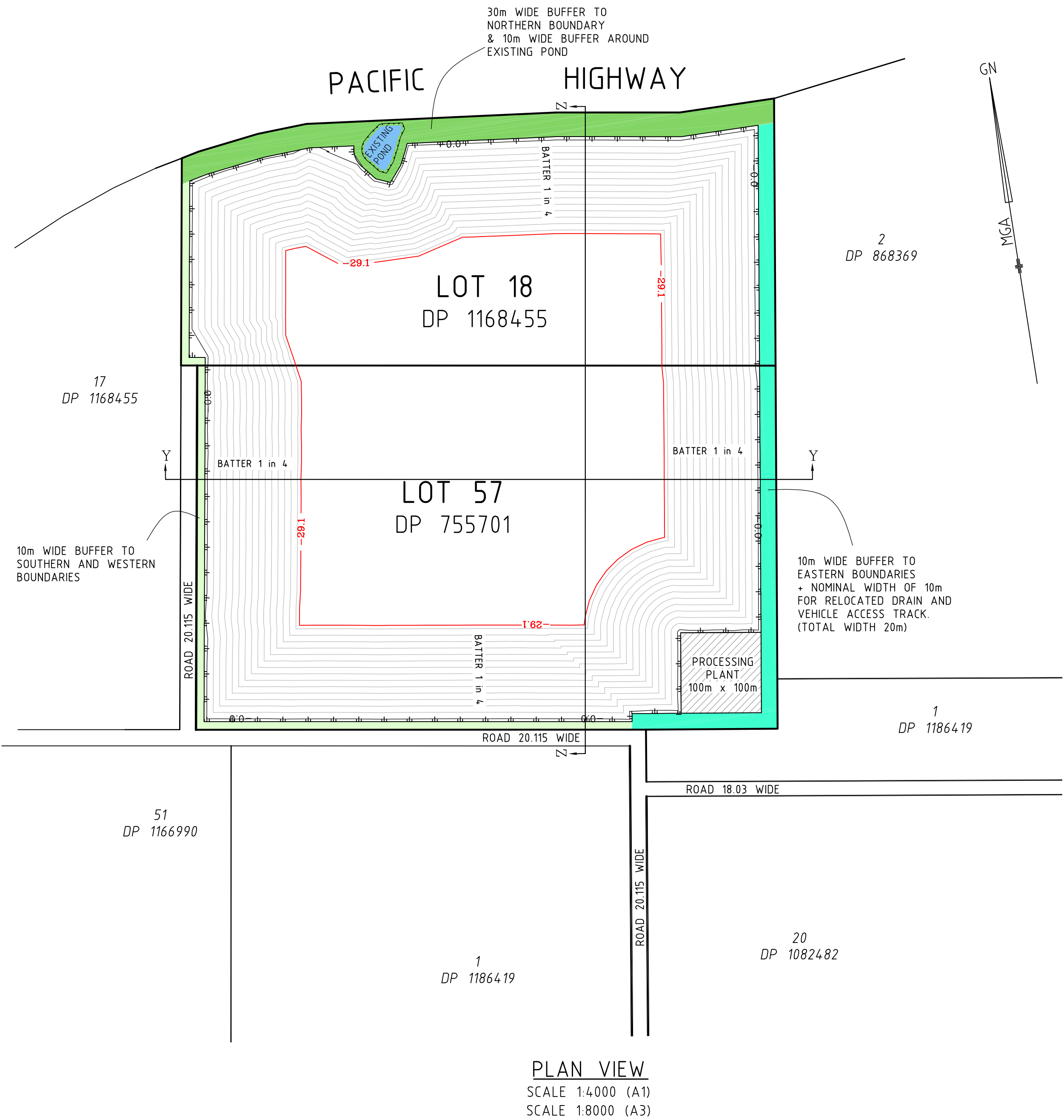
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SHEET TITLE:	DRAINAGE CHANNEL CROSS SECTIONS
DRAWING NUMBER	39005_SU_01
SHEET	5 OF 6
REVISION	C

CONCEPT PLAN FOR EXTRACTIVE INDUSTRY



VOLUME COMPUTATION:

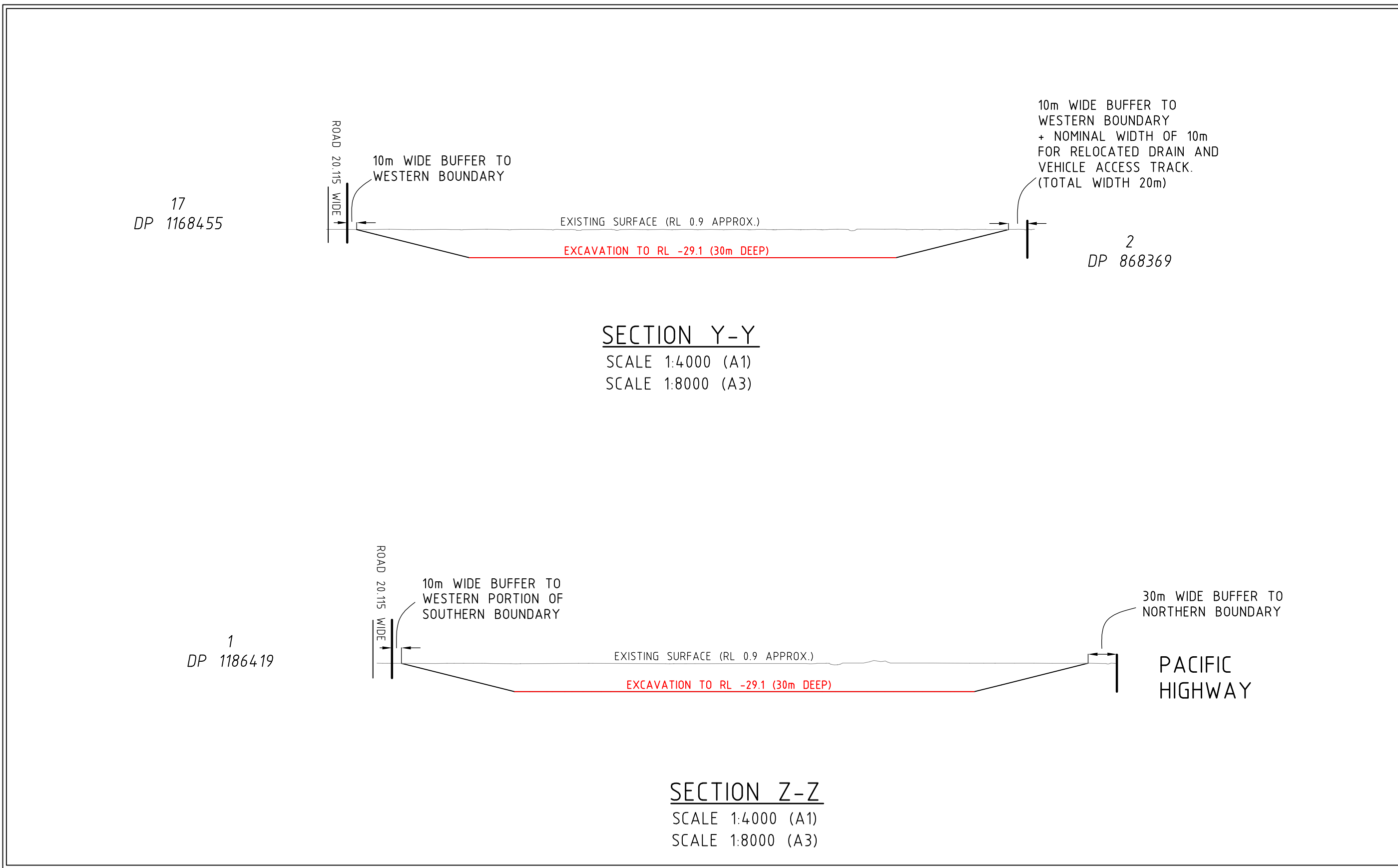
EXCAVATE TO RL (AHD)

VOLUME OF MATERIAL

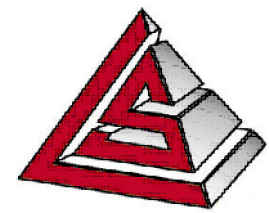
RL -29.1 (DEPTH 30m APPROX).....10,089,405 m³

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6 OF 6	C