

EARTHWORKS VOLUMES

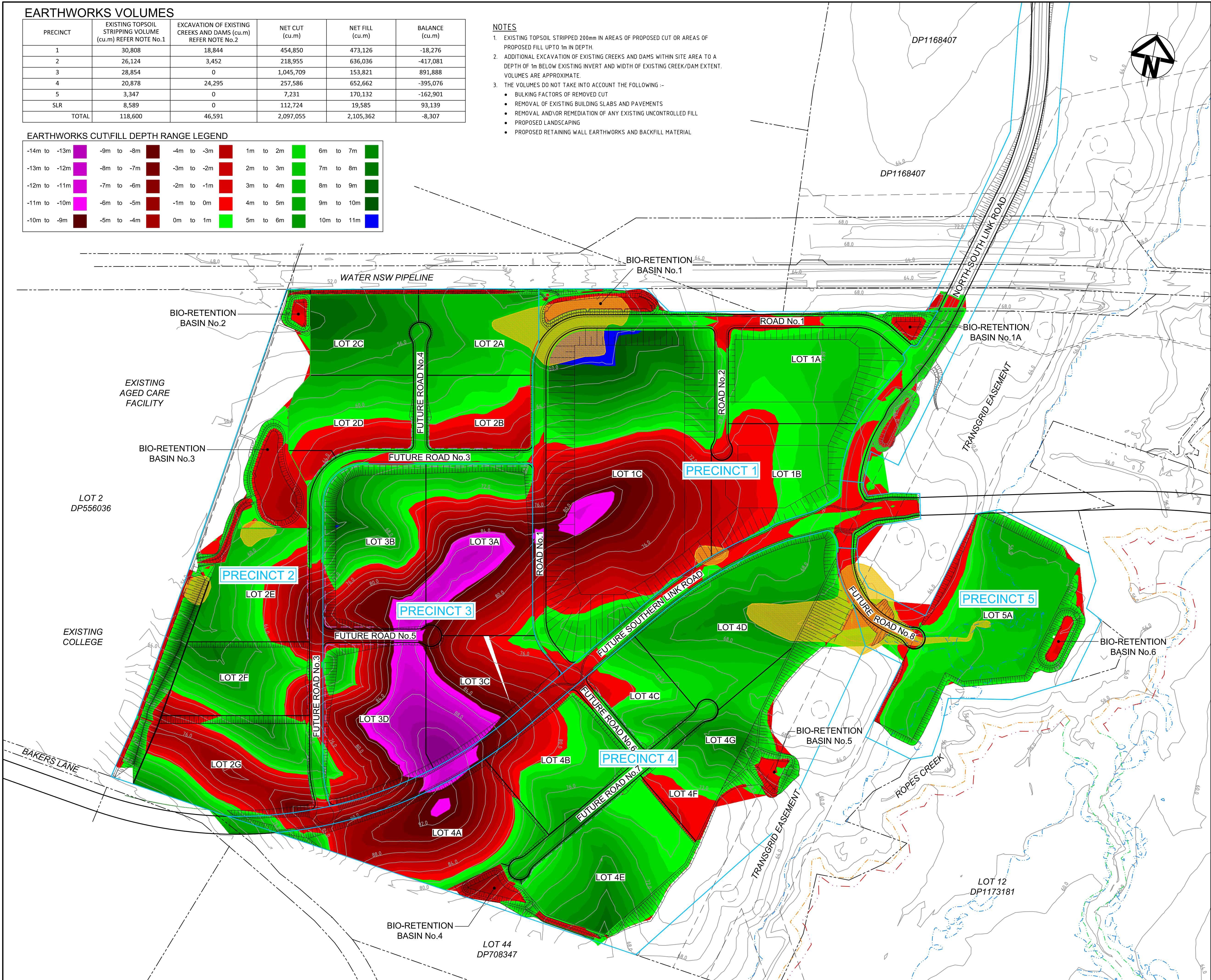
PRECINCT	EXISTING TOPSOIL STRIPPING VOLUME (cu.m) REFER NOTE No.1	EXCAVATION OF EXISTING CREEKS AND DAMS (cu.m) REFER NOTE No.2	NET CUT (cu.m)	NET FILL (cu.m)	BALANCE (cu.m)
1	30,808	18,844	454,850	473,126	-18,276
2	26,124	3,452	218,955	636,036	-417,081
3	28,854	0	1,045,709	153,821	891,888
4	20,878	24,295	257,586	652,662	-395,076
5	3,347	0	7,231	170,132	-162,901
SLR	8,589	0	112,724	19,585	93,139
TOTAL	118,600	46,591	2,097,055	2,105,362	-8,307

EARTHWORKS CUT/FILL DEPTH RANGE LEGEND

-14m to -13m	-9m to -8m	-4m to -3m	1m to 2m	6m to 7m
-13m to -12m	-8m to -7m	-3m to -2m	2m to 3m	7m to 8m
-12m to -11m	-7m to -6m	-2m to -1m	3m to 4m	8m to 9m
-11m to -10m	-6m to -5m	-1m to 0m	4m to 5m	9m to 10m
-10m to -9m	-5m to -4m	0m to 1m	5m to 6m	10m to 11m

NOTES

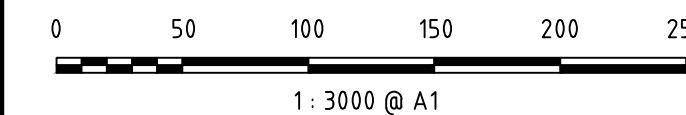
- EXISTING TOPSOIL STRIPPED 200mm IN AREAS OF PROPOSED CUT OR AREAS OF PROPOSED FILL UPTO 1m IN DEPTH.
- ADDITIONAL EXCAVATION OF EXISTING CREEKS AND DAMS WITHIN SITE AREA TO A DEPTH OF 1m BELOW EXISTING INVERT AND WIDTH OF EXISTING CREEK/DAM EXTENT. VOLUMES ARE APPROXIMATE.
- THE VOLUMES DO NOT TAKE INTO ACCOUNT THE FOLLOWING :-
 - BULKING FACTORS OF REMOVED CUT
 - REMOVAL OF EXISTING BUILDING SLABS AND PAVEMENTS
 - REMOVAL AND/OR REMEDIATION OF ANY EXISTING UNCONTROLLED FILL
 - PROPOSED LANDSCAPING
 - PROPOSED RETAINING WALL EARTHWORKS AND BACKFILL MATERIAL



LEGEND

EXISTING	
	EXISTING BOUNDARY
	EXISTING EASEMENT
	EXISTING 10m RIPARIAN ZONE
	EXISTING 15m RIPARIAN ZONE
	EXISTING 30m RIPARIAN ZONE
	EXISTING 100yr FLOOD EXTENT
	EXISTING CONTOUR
	EXTENT OF EXCAVATION OF EXISTING CREEKS AND DAMS (REFER NOTE No.2)
PROPOSED	
	PROPOSED BOUNDARY
	PROPOSED CONTOUR
	PRECINCT BOUNDARY

Bar Scales



A2	RE-ISSUED FOR SSD APPROVAL	20-06-17
A1	ISSUED FOR SSD APPROVAL	14-03-17

Issue	Description	Date
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Status	FOR APPROVAL	A1
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Scales		15-272-C1014.dwg	
1 : 3000	Drawn	MM	
	Designed	MM	
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

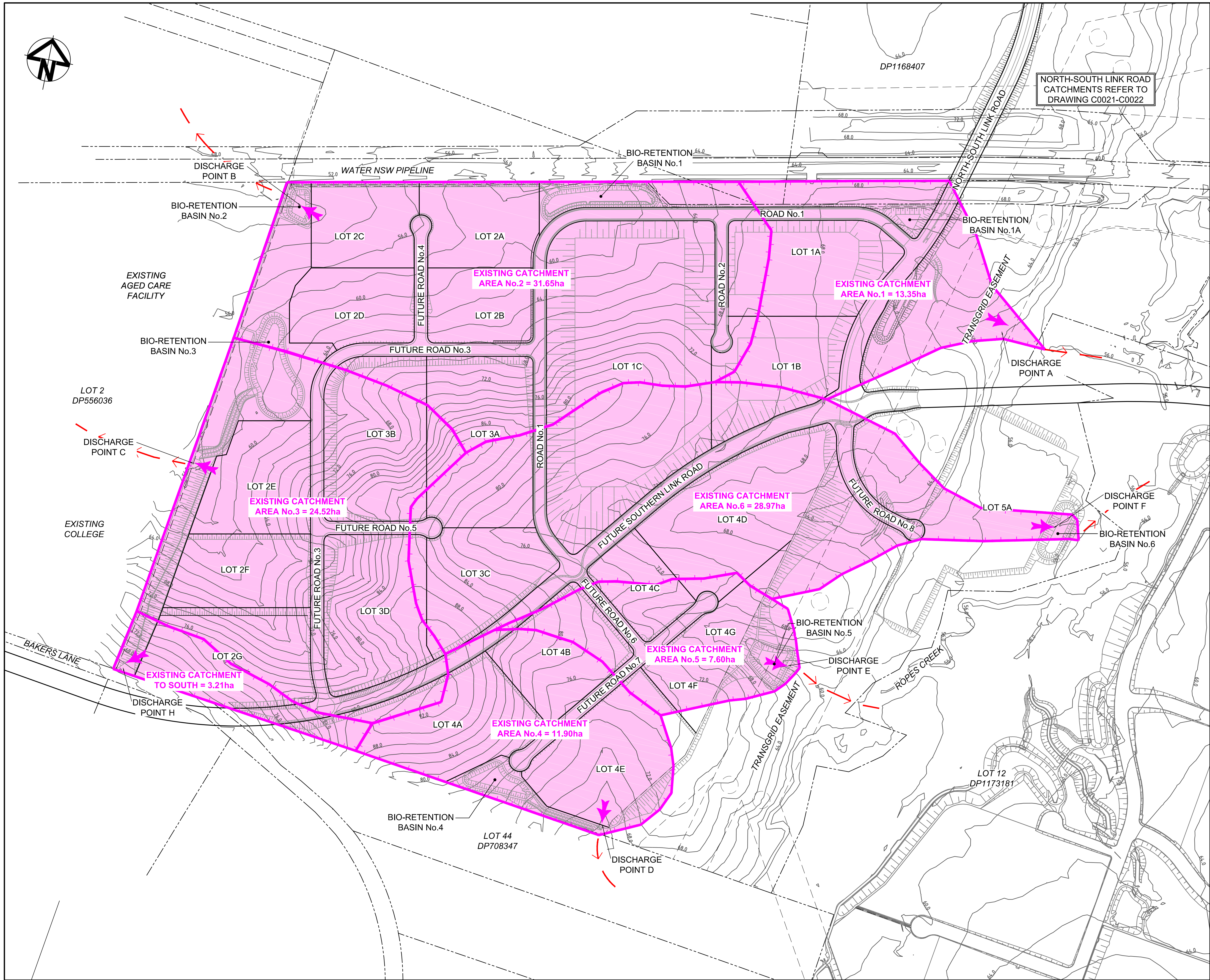


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Project
PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title
BULK EARTHWORKS CUT/FILL PLAN

Drawing No.	Project No.	Issue
15-272-C1014	15-272	A2



LEGEND

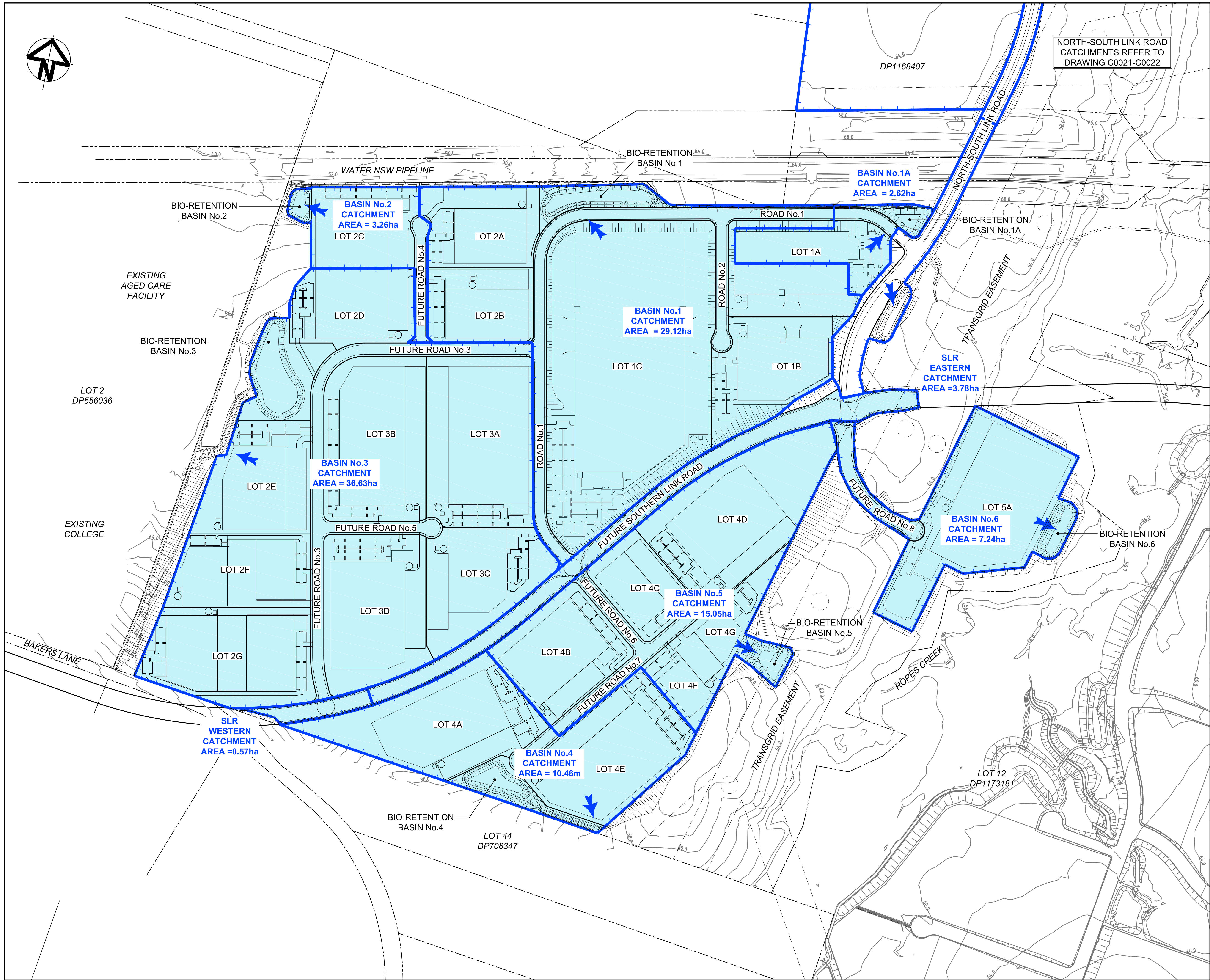
- EXISTING BOUNDARY
- EXISTING EASEMENT
- PROPOSED BOUNDARY
- EXISTING STORMWATER FLOW PATH
- EXISTING STORMWATER CATCHMENT BOUNDARY
- FLOW DIRECTION

Bar Scales

0 50 100 150 200 250

1 : 3000 @ A1

A1	ISSUED FOR SSD APPROVAL	14-03-17
Issue	Description	Date
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Status	FOR APPROVAL	
NOT TO BE USED FOR CONSTRUCTION		A1
Scales	15-272-C0006.dwg	
1 : 3000	Drawn	MM
	Designed	MM
Height Datum	AHD	Checked AM
Grid	MGA	Approved AM
Client		
Civil Engineers and Project Managers		
Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au		
Project	PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST	
Title	STORMWATER DRAINAGE CATCHMENT PLAN (PRE-DEVELOPED)	
Drawing No.	Project No.	Issue
15-272-C0006	15-272	A1



LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- PROPOSED BOUNDARY
- STORMWATER CATCHMENT BOUNDARY
- FLOW DIRECTION

Bar Scales

0 50 100 150 200 250

1 : 3000 @ A1

A1	ISSUED FOR SSD APPROVAL	14-03-17
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Scales	15-272-C0007.dwg	
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	Designed	MM
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Client		
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Project	PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST	
Title	STORMWATER DRAINAGE CATCHMENT PLAN (DEVELOPED)	
Drawing No.	Project No.	Issue
15-272-C0007	15-272	A1



LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- PROPOSED BOUNDARY
- STORMWATER FLOW PATH
- SEDIMENT BASIN
- ON-LOT SEDIMENT POND

Bar Scales

0 50 100 150 200 250

1 : 3000 @ A1

A1	ISSUED FOR SSD APPROVAL	14-03-17
Issue	Description	Date
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Status	FOR APPROVAL	
NOT TO BE USED FOR CONSTRUCTION		A1
Scales	15-272-C0008.dwg	
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	Designed	MM
Height Datum	AHD	Checked AM
Grid	MGA	Approved AM
Client		
Civil Engineers and Project Managers		
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Project	PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST	
Title	EROSION AND SEDIMENT CONTROL MASTER PLAN	
Drawing No.	Project No.	Issue
15-272-C0008	15-272	A1

- EROSION AND SEDIMENT CONTROL: CONSTRUCTION METHODOLOGY**
- DIVERSION OF "CLEAN" WATER AWAY FROM DISTURBED AREAS.
 - DIVERSION OF SEDIMENT-LADEN WATER IN TEMPORARY SEDIMENT PONDS BEFORE REDIRECTED/PUMPED TO SEDIMENT BASINS.
 - PROVISION OF CATCH DRAINS TO CARRY SEDIMENT LADEN WATER AND DIVERT TO SEDIMENT PONDS
 - ON-LOT SEDIMENT PONDS ARE DESIGNED TO TREAT EACH INDIVIDUAL STAGE OF CONSTRUCTION AND MAINTAINED AS REQUIRED.