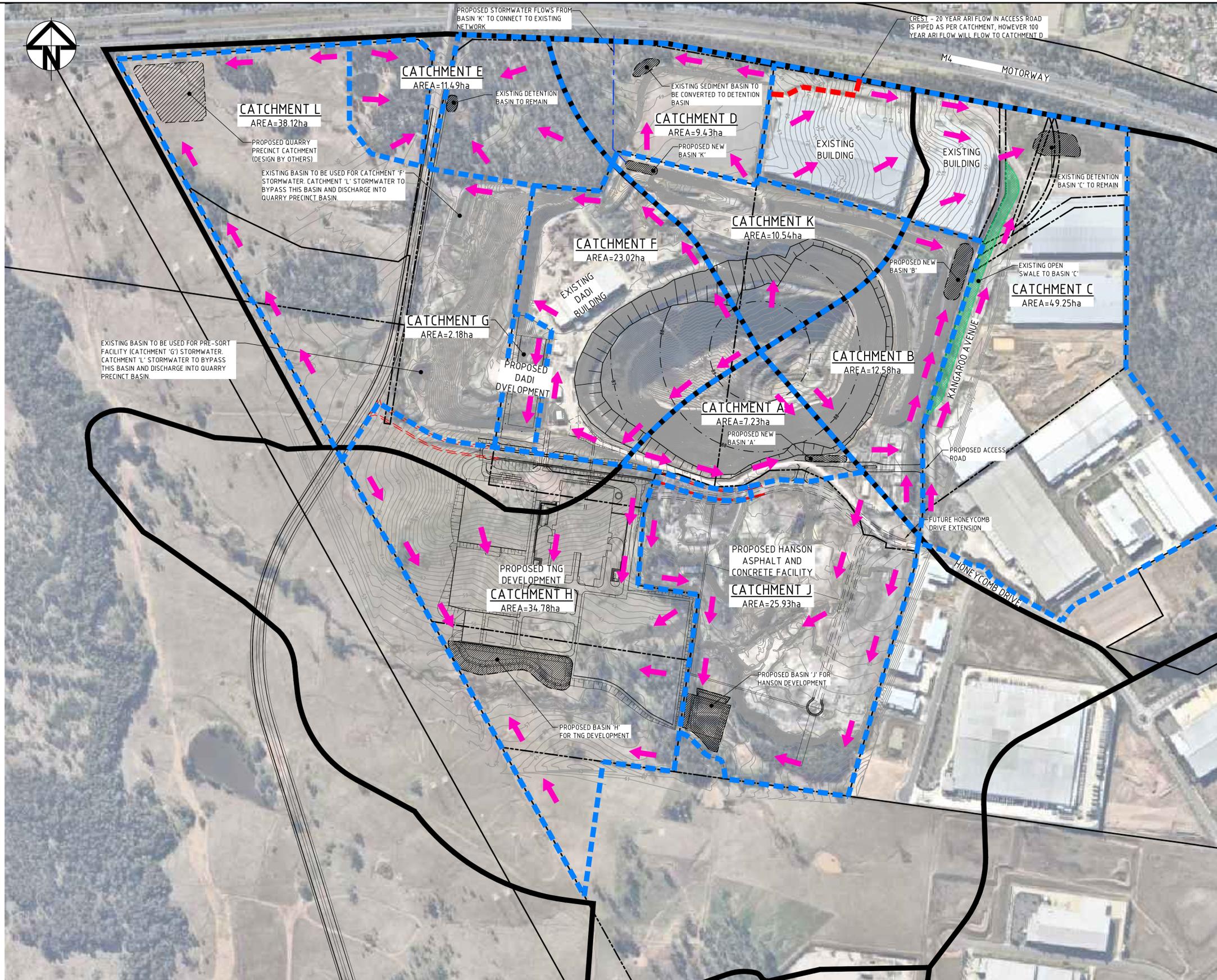


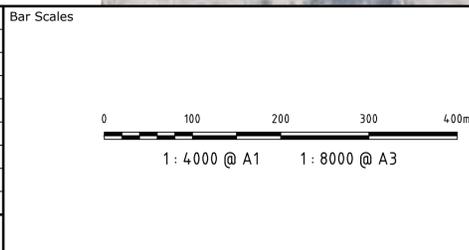
CATCHMENT	AREA	VOLUME REQUIRED FOR OSD	SURFACE AREA REQUIRED FOR BIO-RETENTION
A	7.23ha	2,510m ³	730m ²
B	12.58ha	4,300m ³	1,320m ²
C	4.925ha	-	-
D	9.43ha	3,300m ³	950m ²
E	11.49ha	-	-
F	23.02ha	8,300m ³	2,400m ²
G	2.18ha	760m ³	220m ²
H	34.78ha	12,080m ³	3,510m ²
J	25.93ha	UNKNOWN	UNKNOWN
K	10.54ha	3,600m ³	1,070m ²
L	38.12ha	13,250m ³	3,840m ²

NOTE:

- SIZE OF OSD/BIO-RETENTION BASINS BASED ON ASSUMPTION THAT CATCHMENT WILL BE 80% IMPERVIOUS AREA. CALCULATIONS AS PER BLACKTOWN CITY COUNCIL SEPP No.59.
- WSUD TARGET REDUCTION REQUIREMENTS;
 - 85% TOTAL SUSPENDED SOLIDS (TSS)
 - 65% TOTAL PHOSPHORUS (TP)
 - 45% TOTAL NITROGEN (TN)
 - 90% TOTAL HYDROCARBONS
 - 90% GROSS POLLUTANTS
- CATCHMENTS 'C' AND 'E' WILL NOT BE ALTERED. EXISTING BASINS ARE ASSUMED SUFFICIENT.
- CATCHMENT 'J' IS ASSUMED TO DRAIN TO BASIN 'J' AND HAS BEEN ASSIGNED ACCORDINGLY.



Issue	Description	Date
P6	ISSUED FOR INFORMATION	26-10-15
P5	ISSUED FOR INFORMATION	12-10-15
P4	ISSUED FOR INFORMATION	18-09-15
P3	ISSUED FOR INFORMATION	01-09-15
P2	ISSUED FOR INFORMATION	28-08-15
P1	ISSUED FOR INFORMATION	24-08-15



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Client	GENESIS XERO WASTE
Scales	1:4000
Grid	
Height Datum	
Drawn	ASD
Designed	ASD
Checked	AT
Approved	

Project	GENESIS XERO WASTE FACILITY EASTERN CREEK
Title	PROPOSED FUTURE STORMWATER MANAGEMENT PLAN

Civil Engineers and Project Managers	
at&l	
Suite 702, 154 Pacific Hwy St Leonards NSW 2065 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9460 8413 www.atl.net.au info@atl.net.au	
Status	FOR INFORMATION NOT TO BE USED FOR CONSTRUCTION
Drawing No.	SKC007
Project No.	15-309
Issue	P6