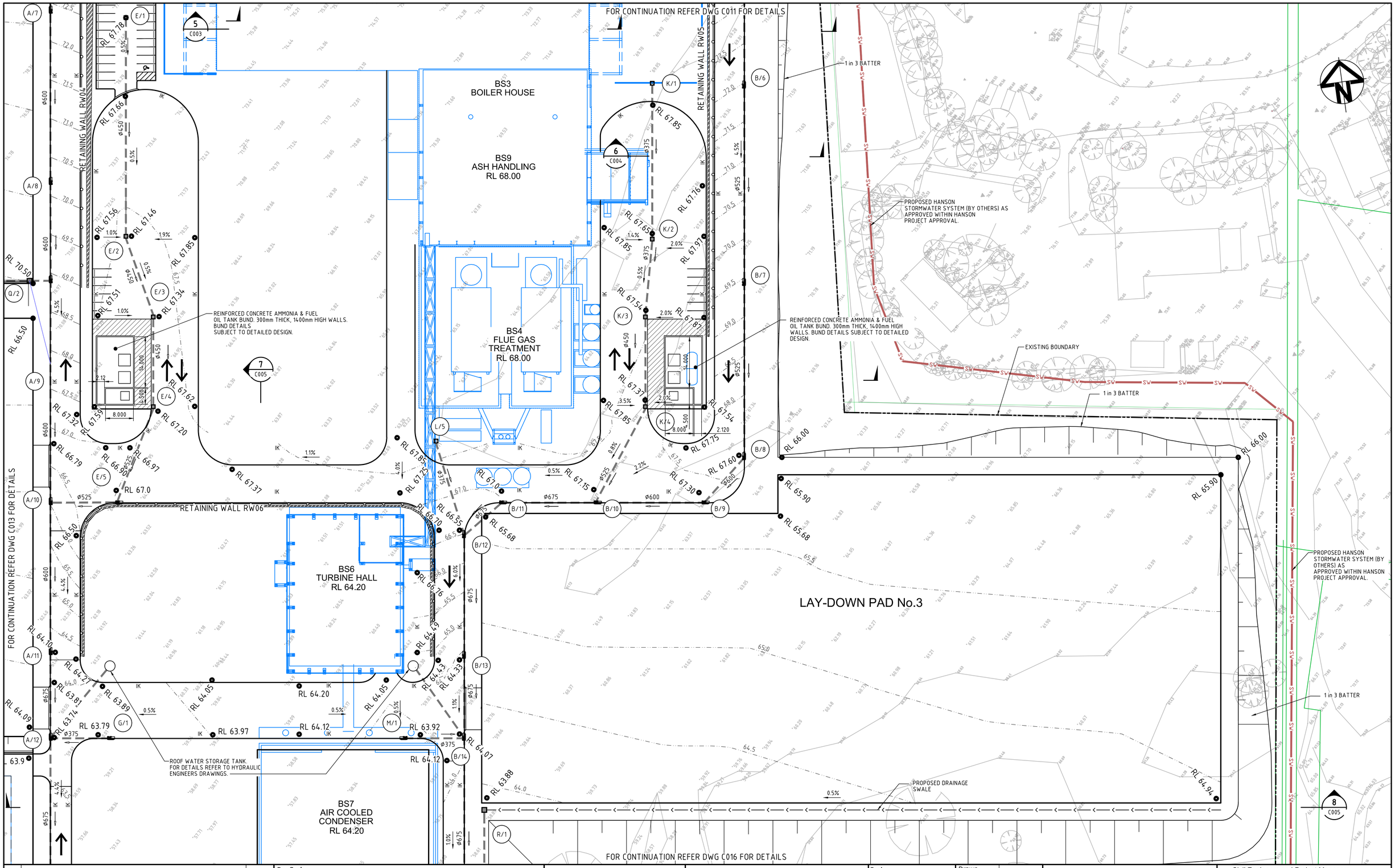

Issue	Description	Date
E	RE-ISSUED FOR SSDA	14-09-17
D	RE-ISSUED FOR SSDA	13-07-17
C	RE-ISSUED FOR SSDA	20-02-15
B	ISSUED FOR SSDA	18-06-14
A	ISSUED FOR CLIENT REVIEW	14-05-14

Bar Scales

0 10 20 30 40 50m

1 : 500 @ A1 1 : 1000 @ A3

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Client

THE NEXT GENERATION (NSW) Pty Ltd
Energise Your Future

Scales: 1 : 500 @ A1
Grid: MGA
Height Datum: AHD

Drawn	TS
Designed	TS
Checked	MM
Approved	

Project
ENERGY FROM WASTE ELECTRICITY GENERATION PLANT, EASTERN CREEK

Title
SITEWORKS AND STORMWATER DRAINAGE PLAN
SHEET 5 OF 7

Civil Engineers and Project Managers
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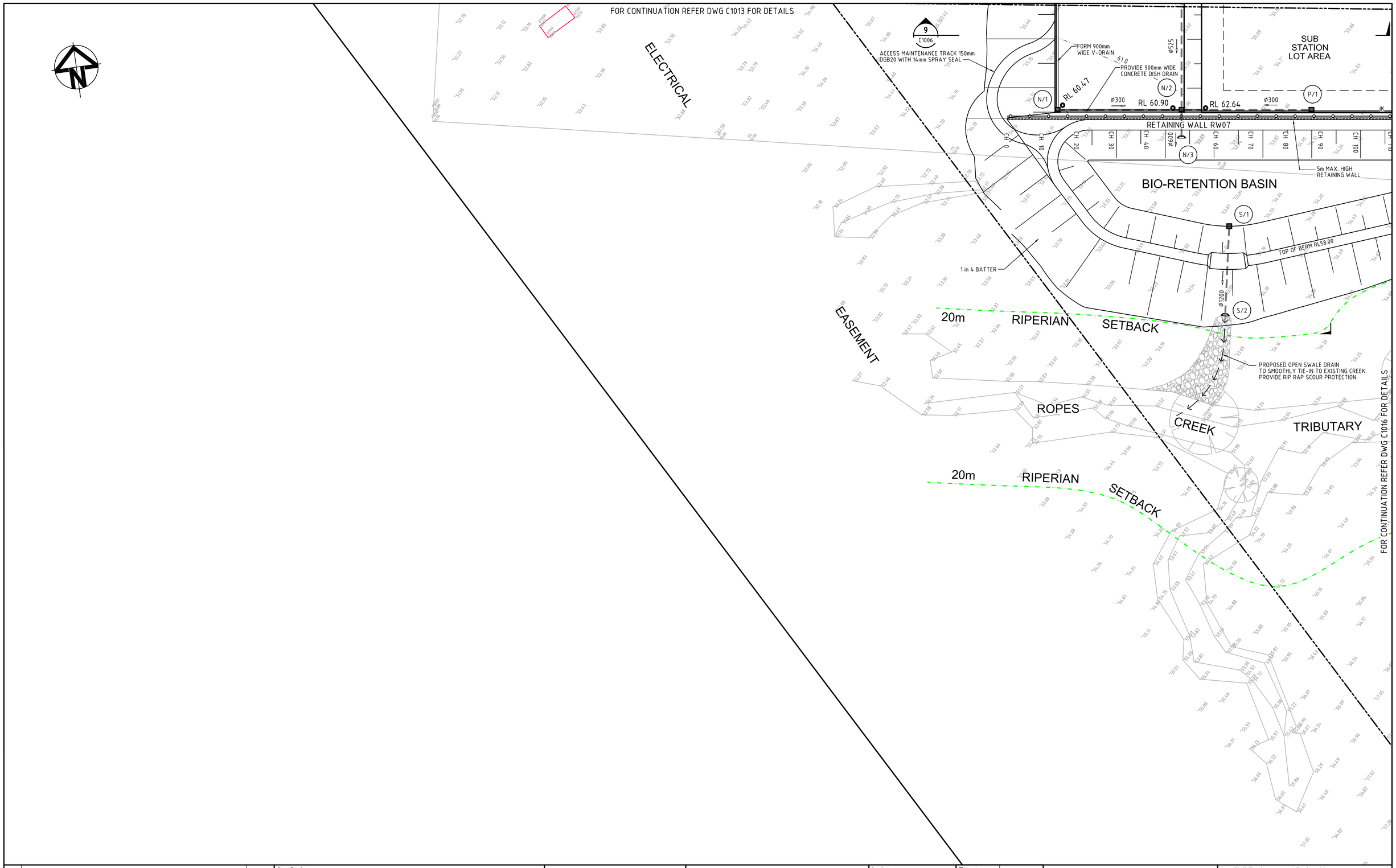
Status: FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Drawing No.	Project No.	Issue
C014	14-187	E

100mm on Original

Date Plotted: 14 Sep 2017 - 05:54PM File Name: F:\14-187 TNG\Drgs\Civil\DA-Drawings\C014.dwg



Issue	Description	Date
C	RE-ISSUED FOR SSDA	20-02-15
B	ISSUED FOR SSDA	18-06-14
A	ISSUED FOR CLIENT REVIEW	14-05-14

100mm on Original

Bar Scales

0 10 20 30 40 50m

1 : 500 @ A1 1 : 1000 @ A3

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Client

THE NEXT GENERATION (NSW) Pty Ltd
Energise Your Future

Scales	1 : 500 @ A1	Drawn	TS
		Designed	TS
Grid	MGA	Checked	MM
Height Datum	AHD	Approved	

Project

ENERGY FROM WASTE ELECTRICITY GENERATION PLANT, EASTERN CREEK

Title

SITEWORKS AND STORMWATER DRAINAGE PLAN
SHEET 6 OF 7

Civil Engineers and Project Managers
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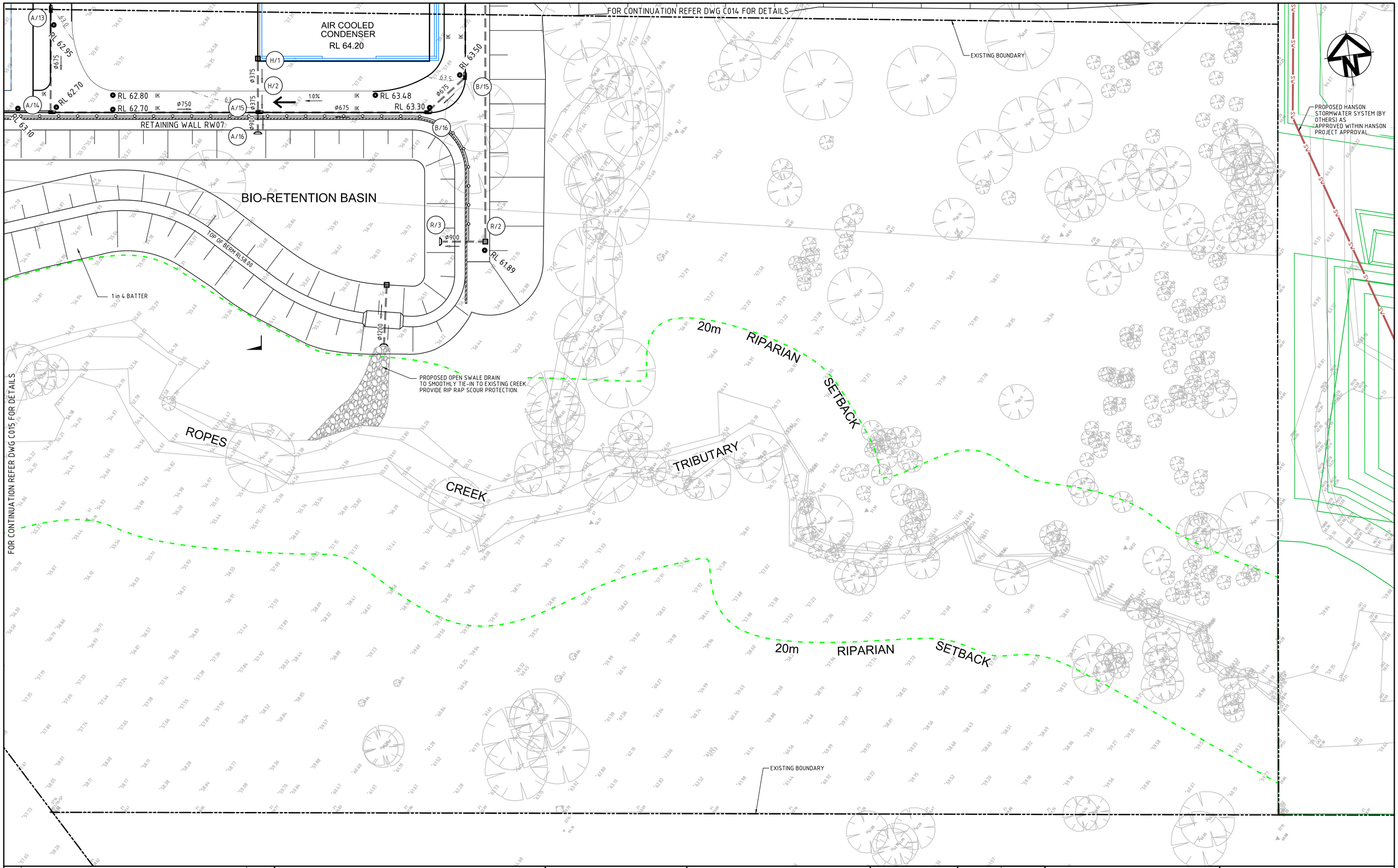
Status
FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Drawing No.	Project No.	Issue
C015	14-187	C

Date Plotted: 20 Feb 2015 - 05:12PM File Name: F:\14-187 TNG\Drgs\Civil\DA-Drawings\C015.dwg



Issue	Description	Date
F	RE-ISSUED FOR SSDA	14-09-17
E	RE-ISSUED FOR SSDA	13-07-17
D	RE-ISSUED FOR SSDA	12-03-15
C	RE-ISSUED FOR SSDA	20-02-15
B	ISSUED FOR SSDA	18-06-14
A	ISSUED FOR CLIENT REVIEW	14-05-14

Bar Scales

0 10 20 30 40 50m

1 : 500 @ A1 1 : 1000 @ A3

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Client

THE NEXT GENERATION (NSW) Pty Ltd
Energise Your Future

Scales		Drawn	TS
1 : 500 @ A1		Designed	TS
Grid	MGA	Checked	MM
Height Datum	AHD	Approved	

Project
ENERGY FROM WASTE ELECTRICITY GENERATION PLANT, EASTERN CREEK

Title
SITEWORKS AND STORMWATER DRAINAGE PLAN
SHEET 7 OF 7

Civil Engineers and Project Managers
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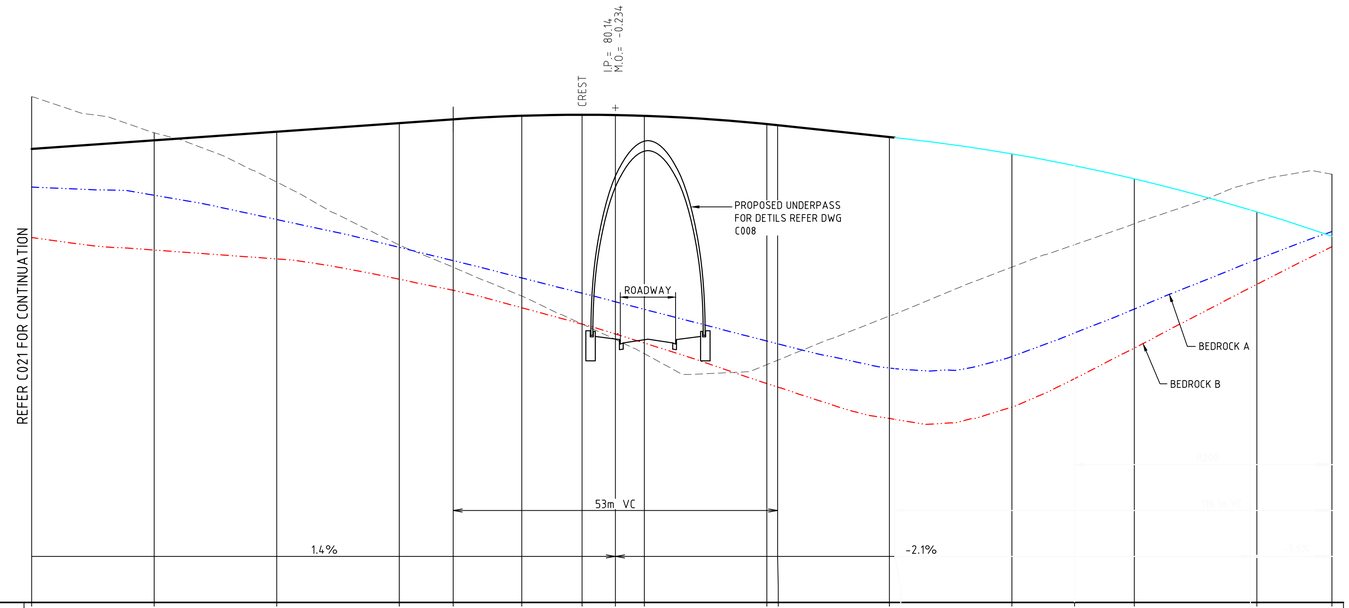
Status
FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Drawing No.	Project No.	Issue
C016	14-187	F

100mm on Original

Date Plotted: 14 Sep 2017 – 05:54PM File Name: F:\14-187 TNG\Drgs\Civil\DA-Drawings\C016.dwg



PROPOSED SURFACE LEVEL	78.803		79.084		79.364		79.645	79.768	79.884	79.916	79.906	79.882		79.613 79.576		79.188						
BEDROCK B SURFACE LEVEL	75.911		75.500		75.210		74.549	74.189	73.617	73.085	72.760	72.465		71.143 71.028		70.005		70.376		72.303		74.382	75.609
BEDROCK A SURFACE LEVEL	77.556		77.289		76.497		75.588	75.156	74.591	74.092	73.811	73.564		72.531 72.440		71.650		72.027		73.576		75.193	76.106
EXISTING SURFACE LEVEL	80.503		79.328		77.719		75.668	74.942	73.998	73.085	72.583	72.120		71.761 71.905		73.349		74.944		76.362		77.741	77.977
CHAINAGE	700.000		720.000		740.000		760.000	768.796	780.000	789.841	795.284	800.000		820.000 821.772		840.000		860.000		880.000		900.000	912.255

TP

CL01 LONGITUDINAL SECTION

SCALE 1:500 HORI.
1:100 VERT.

Issue	Description	Date
D	RE-ISSUED FOR SSDA	14-09-17
C	RE-ISSUED FOR SSDA	20-02-15
B	ISSUED FOR SSDA	18-06-14
A	ISSUED FOR CLIENT REVIEW	14-05-14

100mm on Original

Bar Scales

0 2 4 6 8 10m
1 : 100 @ A1 1 : 200 @ A3

0 10 20 30 40 50m
1 : 500 @ A1 1 : 1000 @ A3

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Client

THE NEXT GENERATION (NSW) Pty Ltd
Energise Your Future

Scales: AS SHOWN
Grid
Height Datum

Drawn	TS
Designed	TS
Checked	MM
Approved	

Project
ENERGY FROM WASTE ELECTRICITY GENERATION PLANT, EASTERN CREEK

Title
ESTATE ROAD LONGITUDINAL SECTION SHEET 3 OF 3

Civil Engineers and Project Managers
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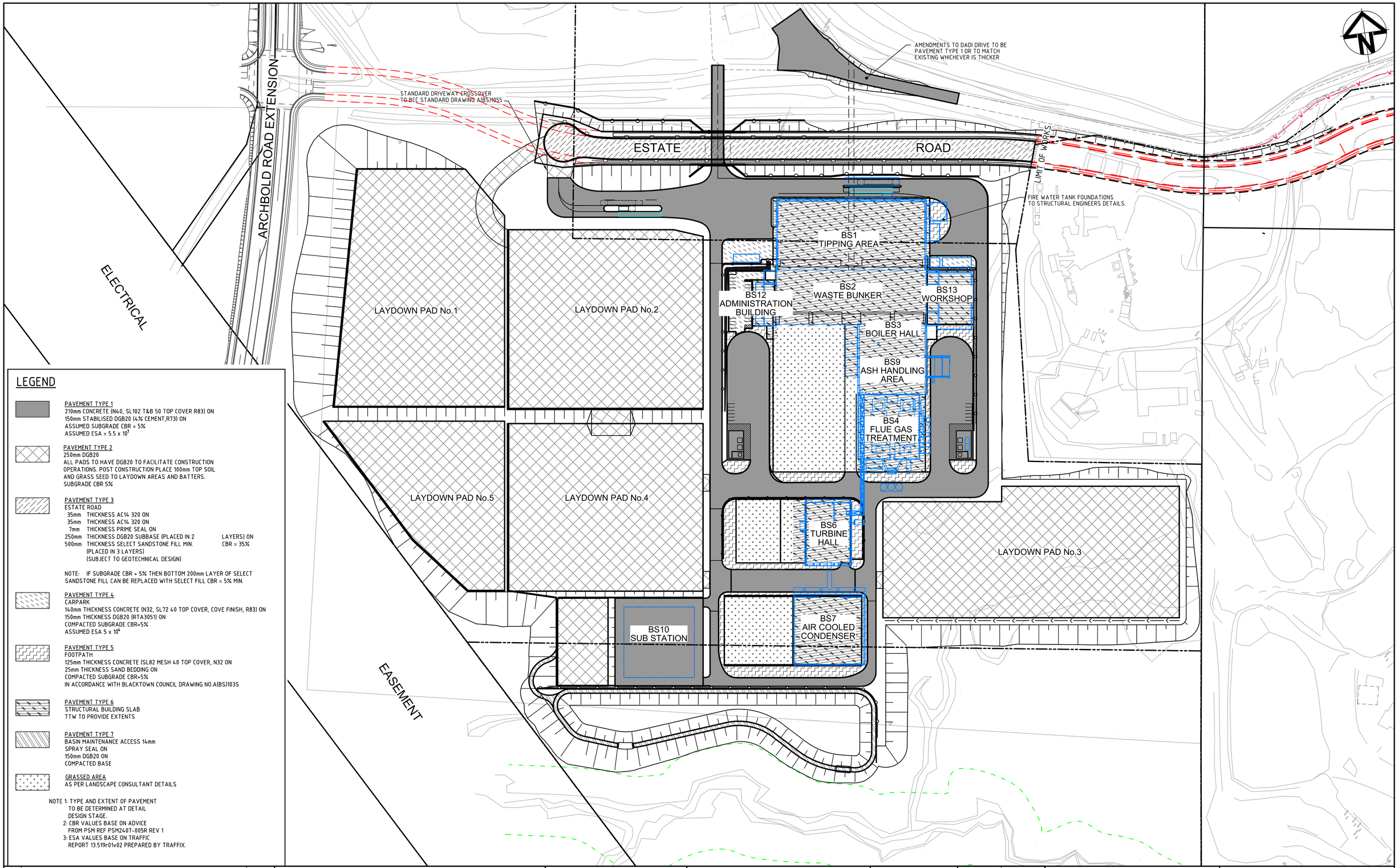
Status: FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Drawing No.	Project No.	Issue
C022	14-187	D

Date Plotted: 14 Sep 2017 - 05:55PM File Name: F:\14-187 TNG\Drgs\Civil\DA-Drawings\C022.dwg



LEGEND

PAVEMENT TYPE 1
210mm CONCRETE (N40, SL102 T&B 50 TOP COVER R83) ON
150mm STABILISED DGB20 (4% CEMENT,R73) ON
ASSUMED SUBGRADE CBR = 5%
ASSUMED ESA = 5.5 x 10^7

PAVEMENT TYPE 2
250mm DGB20
ALL PADS TO HAVE DGB20 TO FACILITATE CONSTRUCTION OPERATIONS. POST CONSTRUCTION PLACE 100mm TOP SOIL AND GRASS SEED TO LAYDOWN AREAS AND BATTERS.
SUBGRADE CBR 5%

PAVEMENT TYPE 3
ESTATE ROAD
35mm THICKNESS AC14 320 ON
35mm THICKNESS AC14 320 ON
7mm THICKNESS PRIME SEAL ON
250mm THICKNESS DGB20 SUBBASE (PLACED IN 2 LAYERS) ON
500mm THICKNESS SELECT SANDSTONE FILL MIN. CBR = 35%
(PLACED IN 3 LAYERS)
(SUBJECT TO GEOTECHNICAL DESIGN)

NOTE: IF SUBGRADE CBR = 5% THEN BOTTOM 200mm LAYER OF SELECT SANDSTONE FILL CAN BE REPLACED WITH SELECT FILL CBR = 5% MIN.

PAVEMENT TYPE 4
CARPARK
140mm THICKNESS CONCRETE (N32, SL72 40 TOP COVER, COVE FINISH, R83) ON
150mm THICKNESS DGB20 (RTA3051) ON
COMPACTED SUBGRADE CBR=5%
ASSUMED ESA 5 x 10^4

PAVEMENT TYPE 5
FOOTPATH
125mm THICKNESS CONCRETE (SL82 MESH 40 TOP COVER, N32 ON
25mm THICKNESS SAND BEDDING ON
COMPACTED SUBGRADE CBR=5%
IN ACCORDANCE WITH BLACKTOWN COUNCIL DRAWING NO.A(BS)103S

PAVEMENT TYPE 6
STRUCTURAL BUILDING SLAB
TTW TO PROVIDE EXTENTS

PAVEMENT TYPE 7
BASIN MAINTENANCE ACCESS 14mm
SPRAY SEAL ON
150mm DGB20 ON
COMPACTED BASE

GRASSED AREA
AS PER LANDSCAPE CONSULTANT DETAILS

NOTE 1: TYPE AND EXTENT OF PAVEMENT TO BE DETERMINED AT DETAIL DESIGN STAGE.
2: CBR VALUES BASE ON ADVICE FROM PSM REF PSM2407-005R REV 1
3: ESA VALUES BASE ON TRAFFIC REPORT 13.519r01v02 PREPARED BY TRAFFIX.

Issue	Description	Date
G	RE-ISSUED FOR SSDA	25-09-17
F	RE-ISSUED FOR SSDA	14-09-17
E	RE-ISSUED FOR SSDA	13-07-17
D	RE-ISSUED FOR SSDA	12-03-15
C	RE-ISSUED FOR SSDA	20-02-15
B	ISSUED FOR SSDA	18-06-14
A	ISSUED FOR CLIENT REVIEW	14-05-14

Bar Scales
0 25 50 75 100 125m
1 : 1250 @ A1 1 : 2500 @ A3

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Client
THE NEXT GENERATION (NSW) Pty Ltd
Energise Your Future

Scales	1:1250 @ A1	Drawn	TS
		Designed	TS
Grid	MGA	Checked	MM
Height Datum	AHD	Approved	

Project
ENERGY FROM WASTE ELECTRICITY GENERATION PLANT, EASTERN CREEK

Title
PAVEMENT PLAN

Civil Engineers and Project Managers
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Status
FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Drawing No.	Project No.	Issue
C030	14-187	G

100mm on Original

Date Plotted: 25 Sep 2017 - 05:47PM File Name: F:\14-187 TNG\Drgs\Civil\DA-Drawings\C030.dwg

PHASE 3 SITE ACCESS & TRUCKWASH

PHASE 2 SITE ACCESS & TRUCKWASH

PHASE 1 SITE ACCESS & TRUCKWASH

ESTATE ROAD

ARCHBOLD ROAD EXTENSION

ELECTRICAL EASEMENT

LAYDOWN PAD No.1

LAYDOWN PAD No.2

LAYDOWN PAD No.3

LAYDOWN PAD No.4

LAYDOWN PAD No.5

BS1 TIPPING AREA

BS2 WASTE BUNKER

BS3 BOILER HALL

BS4 FLUE GAS TREATMENT

BS6 TURBINE HALL

BS7 AIR COOLED CONDENSER

BS9 ASH HANDLING AREA

BS10 SUB STATION

BS12 ADMINISTRATION BUILDING

BS13 WORKSHOP

LEGEND

- SECURITY FENCE REFER C041 FOR DETAILS
- CATCH DRAIN REFER C041 FOR DETAILS
- STRAW BALE FILTER REFER C041 FOR DETAILS
- MESH AND GRAVEL INLET FILTER REFER C041 FOR DETAILS
- GEOTEXTILE INLET REFER C041 FOR DETAILS
- STABILISED SITE ACCESS AND TRUCK WASH DOWN AREA REFER C041 FOR DETAILS

Issue	Description	Date
G	RE-ISSUED FOR SSDA	25-09-17
F	RE-ISSUED FOR SSDA	14-09-17
E	RE-ISSUED FOR SSDA	13-07-17
D	RE-ISSUED FOR SSDA	12-03-15
C	RE-ISSUED FOR SSDA	20-02-15
B	ISSUED FOR SSDA	18-06-14
A	ISSUED FOR CLIENT REVIEW	14-05-14

Bar Scales

0 25 50 75 100 125m

1 : 1250 @ A1 1 : 2500 @ A3

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Client

THE NEXT GENERATION (NSW) Pty Ltd — Energise Your Future

Scales	1:1250 @ A1	Drawn	TS
		Designed	TS
Grid	MGA	Checked	MM
Height Datum	AHD	Approved	

Project

ENERGY FROM WASTE ELECTRICITY GENERATION PLANT, EASTERN CREEK

Title

EROSION AND SEDIMENTATION CONTROL PLAN

Civil Engineers and Project Managers

at&l

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Status: FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Drawing No.	Project No.	Issue
C040	14-187	G

100mm on Original

Date Plotted: 25 Sep 2017 - 05:47PM File Name: F:\14-187 TNG\Drgs\Civil\DA-Drawings\C040.dwg