

BONNYRIGG LIVING COMMUNITIES PROJECT - STAGE 6A & 7

CIVIL WORKS DEVELOPMENT APPLICATION

FAIRFIELD CITY COUNCIL

DRAWING LIST

GENERAL

S6A-C0600	COVER SHEET AND DRAWING LIST
S6A-C0601	NOTES AND LEGENDS
S6A-C0602	GENERAL ARRANGEMENT PLAN

SEDIMENT AND EROSION PLAN

S6A-C0605	SEDIMENT AND EROSION CONTROL PLAN
S6A-C0606	SEDIMENT AND EROSION CONTROL DETAILS

EARTHWORKS

S6A-C0608	BULK EARTHWORKS PLAN
S6A-C0609	BULK EARTHWORKS SECTIONS

SITEWORKS AND STORMWATER DRAINAGE

S6A-C0610	SITEWORKS AND STORMWATER DRAINAGE PLAN SHEET 1
S6A-C0611	SITEWORKS AND STORMWATER DRAINAGE PLAN SHEET 2
S6A-C0612	SITEWORKS AND STORMWATER DRAINAGE PLAN SHEET 3
S6A-C0613	SITEWORKS AND STORMWATER DRAINAGE PLAN SHEET 4
S6A-C0614	SITEWORKS AND STORMWATER DRAINAGE PLAN SHEET 5

ROAD CONTROL LINE SETOUT

S6A-C0620	ROAD CONTROL LINE SETOUT PLAN
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ROAD LONGITUDINAL SECTIONS

S6A-C0621	ROAD LONGITUDINAL SECTIONS SHEET 1
S6A-C0622	ROAD LONGITUDINAL SECTIONS SHEET 2
S6A-C0623	ROAD LONGITUDINAL SECTIONS SHEET 3

ROAD CROSS SECTIONS

S6A-C0630	TYPICAL ROAD CROSS SECTIONS
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PAVEMENT PLAN AND LINEMARKING

S6A-C0650	PAVEMENT AND LINEMARKING PLAN
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STORMWATER DRAINAGE

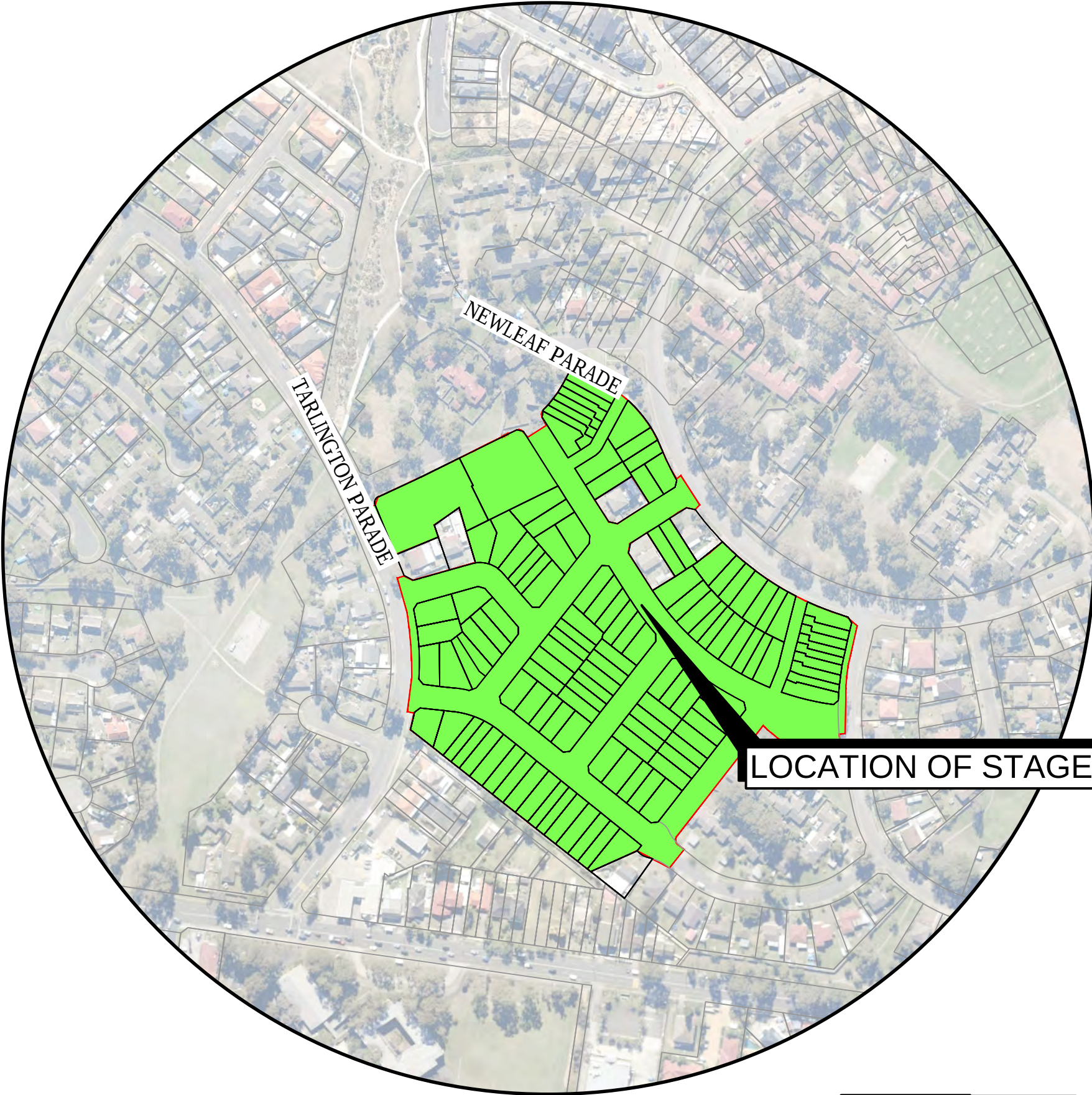
S6A-C0660	STORMWATER DRAINAGE CATCHMENT PLAN
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SERVICES

S6A-C0685	SERVICES COORDINATION PLAN SHEET 1
S6A-C0686	SERVICES COORDINATION PLAN SHEET 2
S6A-C0687	SERVICES COORDINATION PLAN SHEET 3
S6A-C0688	SERVICES COORDINATION PLAN SHEET 4
S6A-C0689	SERVICES COORDINATION PLAN SHEET 5

SWEEP PATHS

S6A-C0695	TURNING PATHS PLAN
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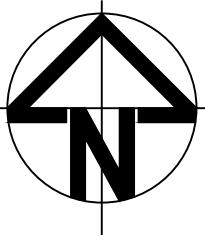
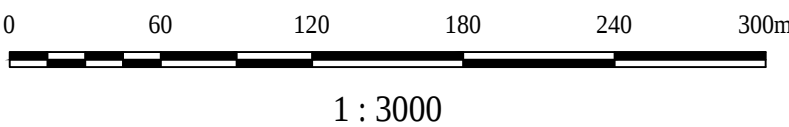
LOCATION OF STAGE 6A WORKS

LOCALITY PLAN
1:3000

hearmap IMAGERY EXTRACTED FROM hearmap.com

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04	ISSUE FOR DA	07.02.2018
03	ISSUE FOR DA	21.07.2017
02	ISSUE FOR DA	04.07.2017
01	ISSUE FOR DA (DRAFT)	08.06.2017
Issue	Description	Date



Status DEVELOPMENT APPLICATION NOT TO BE USED FOR CONSTRUCTION			
Scales	1:3000	Current Issue Signatures	
		Drawn M. OLAYA	
Original Size	A1	Designed M.NOOR	
Height Datum	AHD	Checked M. KURTZ	
Grid	MGA	Approved S.KINSEY	
Filename:			

Project BONNYRIGG LIVING COMMUNITIES PROJECT STAGE 6A & 7 - CIVIL WORKS	
Title COVER SHEET AND DRAWING LIST	

 **ARCADIS**
Arcadis Australia Pacific Pty Limited
Level 5, 141 Walker St
NORTH SYDNEY NSW 2060
ABN 76 104 485 289

Arcadis Project No.
AA004421

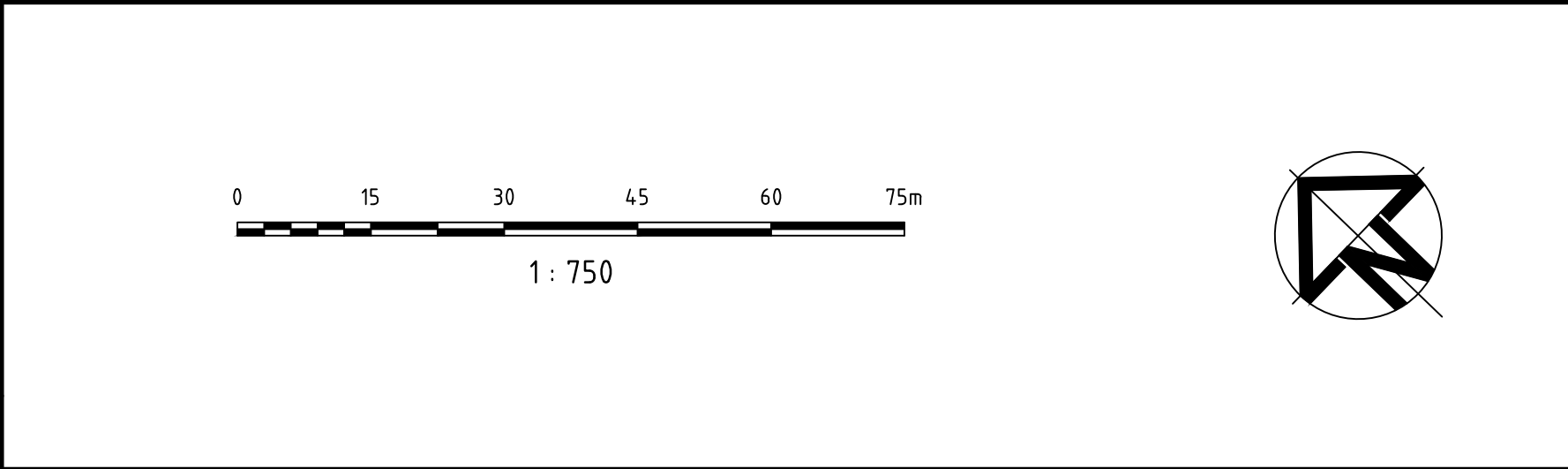
Tel No: +61 2 8907 9000
Fax No: +61 2 8907 9001
arcadis.com

Drawing No.
S6A-C0600

Issue
04



Issue	Description	Date
04	ISSUE FOR DA	07.02.2018
03	ISSUE FOR DA	21.07.2017
02	ISSUE FOR DA	04.07.2017
01	ISSUE FOR DA (DRAFT)	08.06.2017



Status	DEVELOPMENT APPLICATION NOT TO BE USED FOR CONSTRUCTION	
Scales	1:750	Current Issue Signatures
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Height Datum	AHD	Designed M. NOOR
Grid	MGA	Checked M. KURTZ
Filename:		Approved S. KINSEY

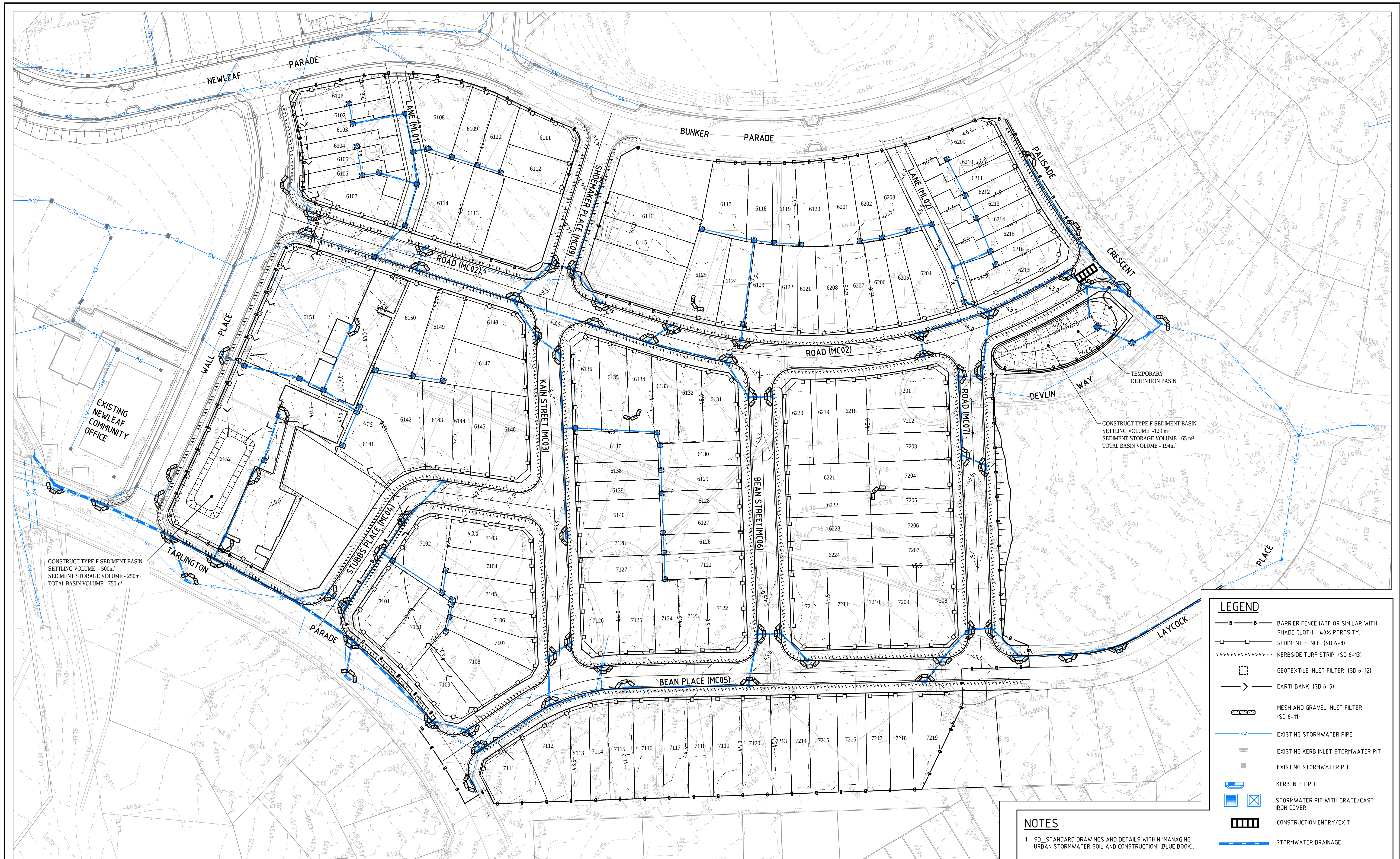
Project	BONNYRIGG LIVING COMMUNITIES PROJECT STAGE 6A & 7 - CIVIL WORKS	
Title	GENERAL ARRANGEMENT PLAN	

ARCADIS
Arcadis Australia Pacific Pty Limited
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ABN 76 104 485 289

Arcadis Project No.
AA004421

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arcadis.com

Drawing No. **S6A-C0602** Issue **04**

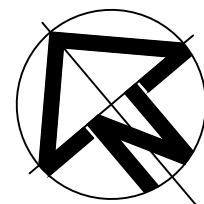
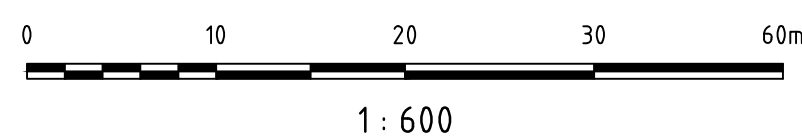


- LEGEND**
- BARRIER FENCE (ATF OR SIMILAR WITH SHADE CLOTH - 40% POROSITY)
 - SEDIMENT FENCE (SD 6-8)
 - ~~~~~ KERBSIDE TURF STRIP (SD 6-13)
 - GEOTEXTILE INLET FILTER (SD 6-12)
 - >— EARTHBANK (SD 6-5)
 - MESH AND GRAVEL INLET FILTER (SD 6-11)
 - SW— EXISTING STORMWATER PIPE
 - EXISTING KERB INLET STORMWATER PIT
 - EXISTING STORMWATER PIT
 - KERB INLET PIT
 - STORMWATER PIT WITH GRATE/CAST IRON COVER
 - CONSTRUCTION ENTRY/EXIT
 - STORMWATER DRAINAGE

NOTES

1. SD - STANDARD DRAWINGS AND DETAILS WITHIN 'MANAGING URBAN STORMWATER SOIL AND CONSTRUCTION' (BLUE BOOK).

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Client

DEVELOPMENT APPLICATION NOT TO BE USED FOR CONSTRUCTION	
Scales	1:600
Original Size	A1
Height Datum	AHD
Grid	MGA
Filename:	
Current Issue Signatures	
Drawn	M. OLAYA
Designed	M. NOOR
Checked	M. KURTZ
Approved	S. KINSEY

Project	
BONNYRIGG LIVING COMMUNITIES PROJECT STAGE 6A & 7 - CIVIL WORKS	
Title	
SEDIMENT AND EROSION CONTROL PLAN	

ARCADIS

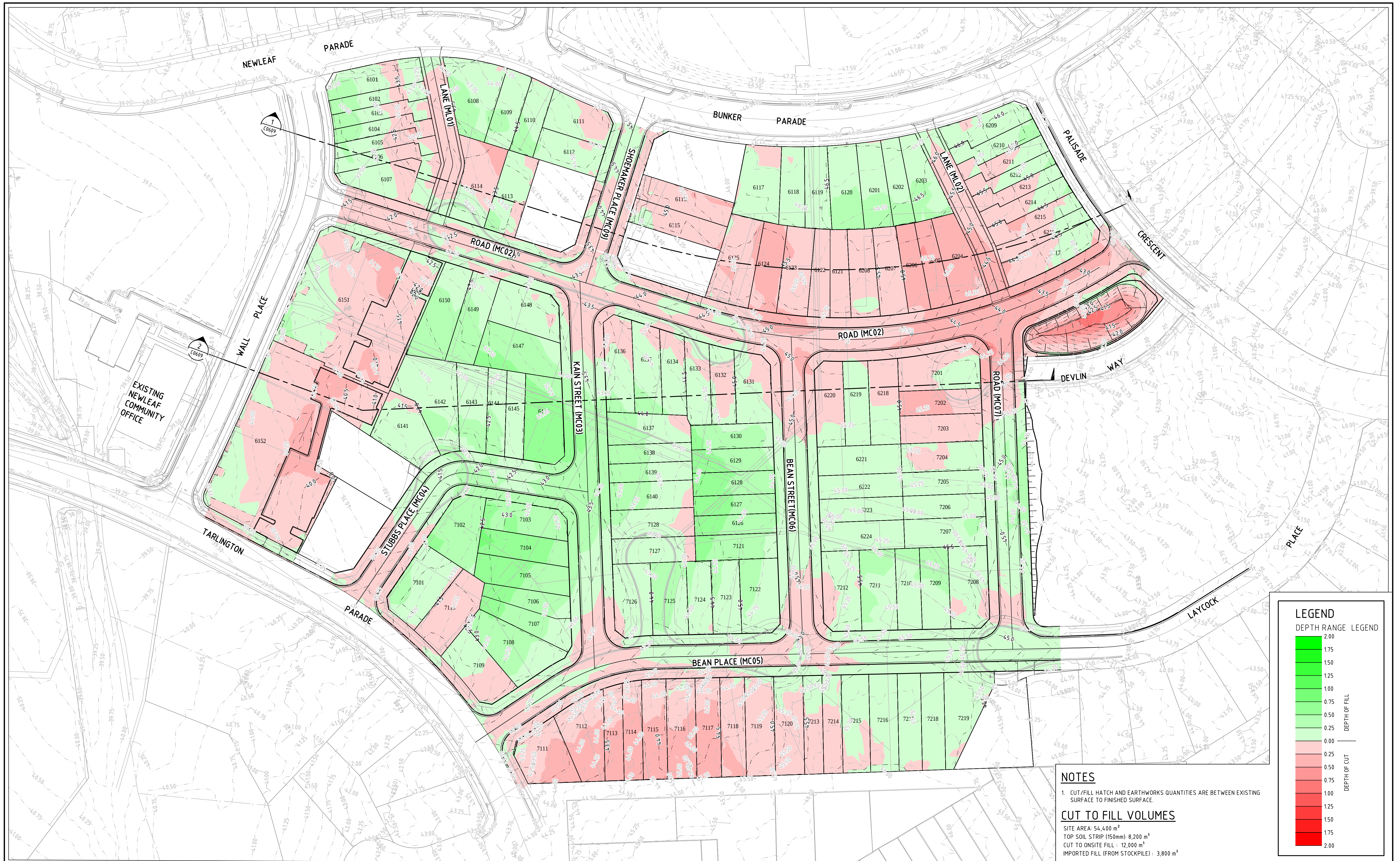
Arcadis Australia Pacific Pty Limited
Level 5, 141 Walker St
NORTH SYDNEY NSW 2060
ABN 76 104 485 289

Arcadis Project No.
AA004421

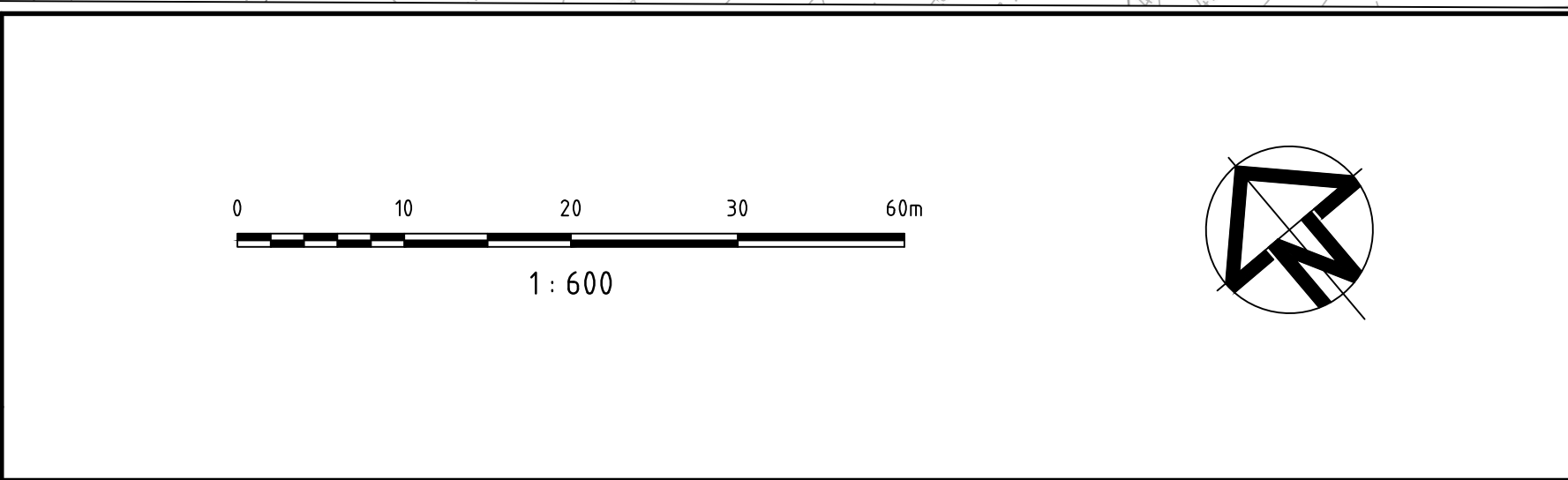
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Fax No: +61 2 8907 9001
arcadis.com

Drawing No. **S6A-C0605**

Issue **05**



04	ISSUE FOR DA	07.02.2018
03	ISSUE FOR DA	21.07.2017
02	ISSUE FOR DA	04.07.2017
01	ISSUE FOR DA (DRAFT)	08.06.2017
Issue	Description	Date



Client

UrbanGrowth
NSW

Status
DEVELOPMENT APPLICATION
NOT TO BE USED FOR CONSTRUCTION

Scales
1:600

Original Size
A1

Height Datum
AHD

Grid
MGA

Filename:

Current Issue Signatures
Drawn
M. OLAYA
Designed
M. NOOR
Checked
M. KURTZ
Approved
S. KINSEY

Project
BONNYRIGG LIVING COMMUNITIES PROJECT
STAGE 6A & 7 - CIVIL WORKS

Title
BULK EARTHWORKS PLAN

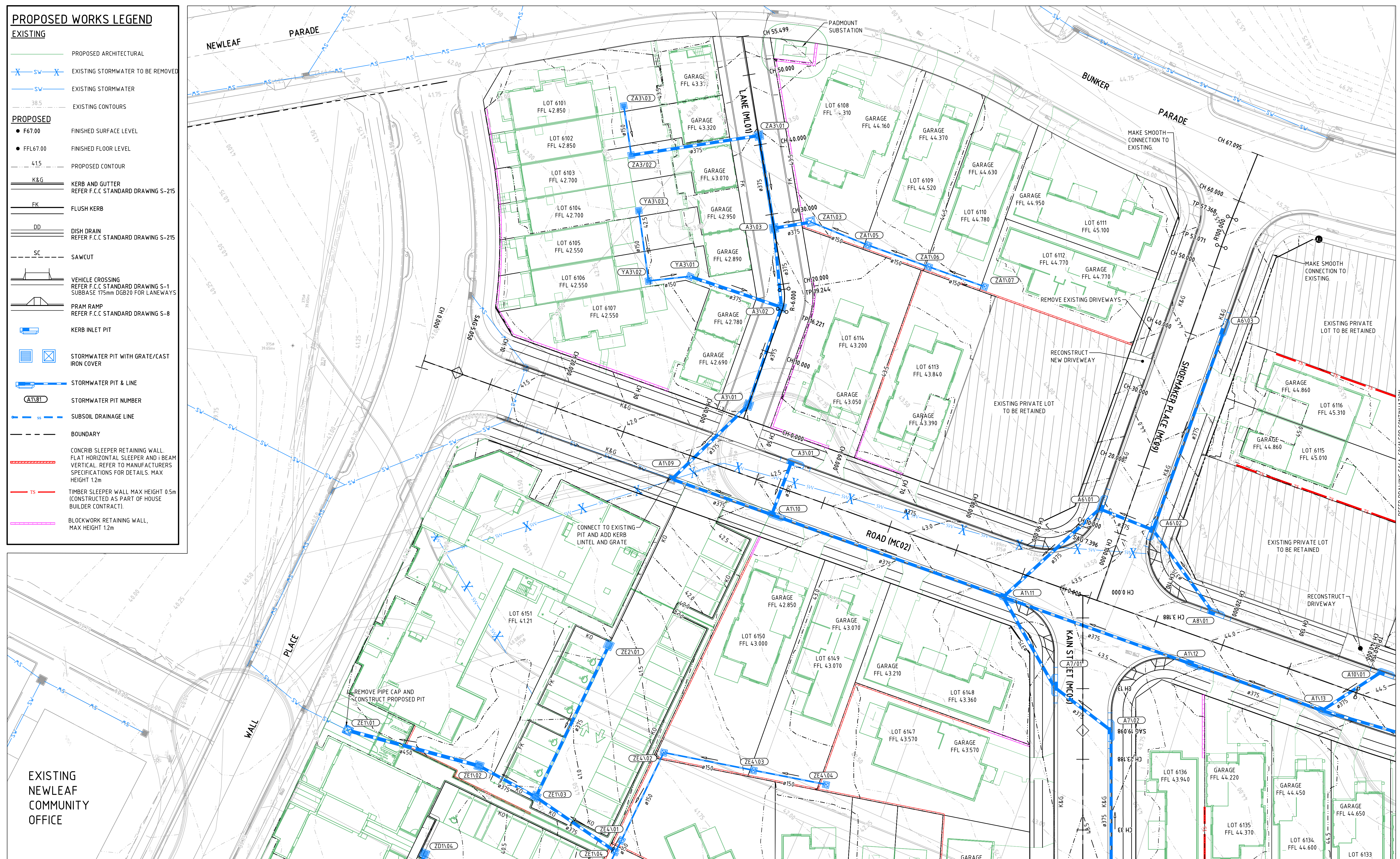
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NORTH SYDNEY NSW 2060
ABN 76 104 485 289

Arcadis Project No.
AA004421

Drawing No.
S6A-C0608

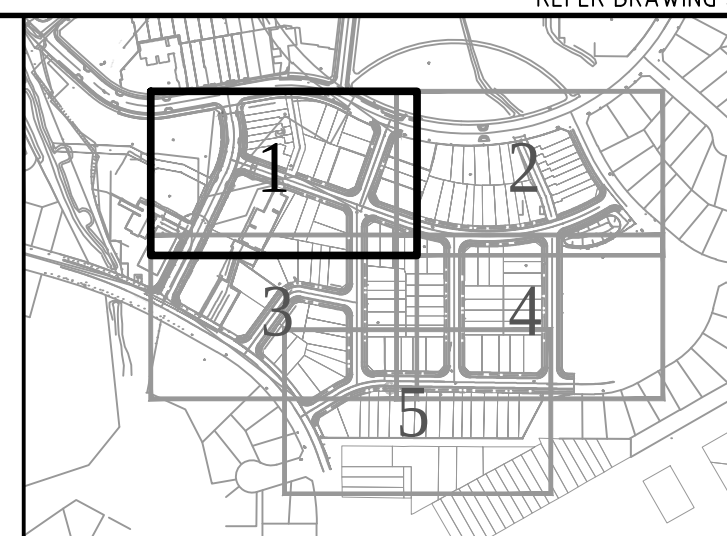
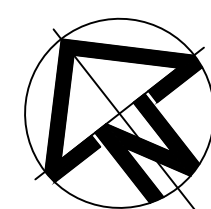
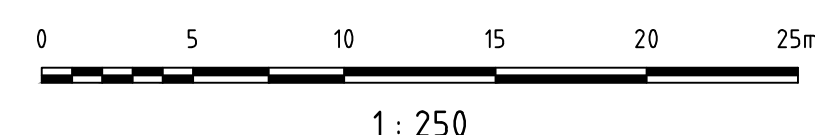
Issue
04

	PROPOSED ARCHITECTURAL
	EXISTING STORMWATER TO BE REMOVED
	EXISTING STORMWATER
	EXISTING CONTOURS
PROPOSED	
	FINISHED SURFACE LEVEL
	FINISHED FLOOR LEVEL
	PROPOSED CONTOUR
	KERB AND GUTTER REFER F.C.C STANDARD DRAWING S-215
	FLUSH KERB
	DISH DRAIN REFER F.C.C STANDARD DRAWING S-215
	SAWCUT
	VEHICLE CROSSING REFER F.C.C STANDARD DRAWING S-1 SUBBASE 175mm DGB20 FOR LANEWAYS
	PRAM RAMP REFER F.C.C STANDARD DRAWING S-8
	KERB INLET PIT
	STORMWATER PIT WITH GRATE/CAST IRON COVER
	STORMWATER PIT & LINE
	STORMWATER PIT NUMBER
	SUBSOIL DRAINAGE LINE
	BOUNDARY
	CONCRIT SLEEPER RETAINING WALL, FLAT HORIZONTAL SLEEPER AND I BEAM VERTICAL. REFER TO MANUFACTURERS SPECIFICATIONS FOR DETAILS. MAX HEIGHT 1.2m
	TIMBER SLEEPER WALL MAX HEIGHT 0.5m (CONSTRUCTED AS PART OF HOUSE BUILDER CONTRACT).
	BLOCKWORK RETAINING WALL, MAX HEIGHT 1.2m



REFER DRAWING S06A-C0612 FOR CONTINUATION

05	ISSUE FOR DA	07.02.2018
04	ISSUE FOR DA	27.07.2017
03	ISSUE FOR DA	21.07.2017
02	ISSUE FOR DA	04.07.2017
01	ISSUE FOR DA (DRAFT)	08.06.2017
Issue	Description	Date



306A-
Click



Status	DEVELOPMENT APPLICATION		
NOT TO BE USED FOR CONSTRUCTION			
Scales	1:250	Current Issue Signatures	
		Drawn M. OLAYA	
Original Size	A1	Designed M.NOOR	
Height Datum	AHD	Checked M. KURTZ	
Grid	MGA	Approved S.KINSEY	
Filename:			

	Project
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BONNYRIGG LIVING
COMMUNITIES PROJECT
STAGE 6A & 7 - CIVIL WORKS

Title	SITWORKS AND STORMWATER DRAINAGE PLAN SHEET 1
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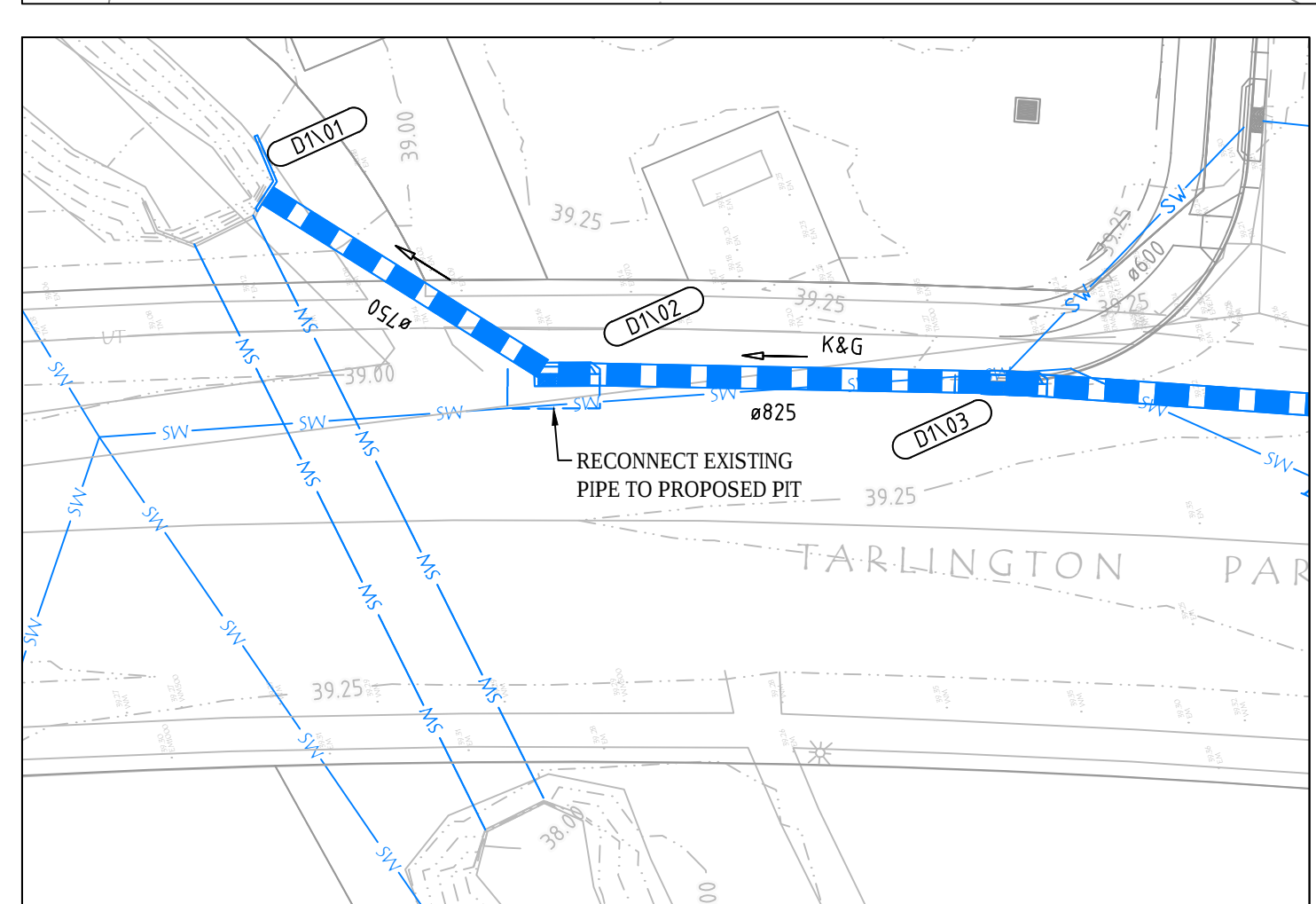
Arcadis Australia Pacific Pty Limited
Level 5, 141 Walker St
NORTH SYDNEY NSW 2060
ABN 76 104 485 289

Arcadis Project No.
AA004421

Drawing No.	Issue
56A 50610	05

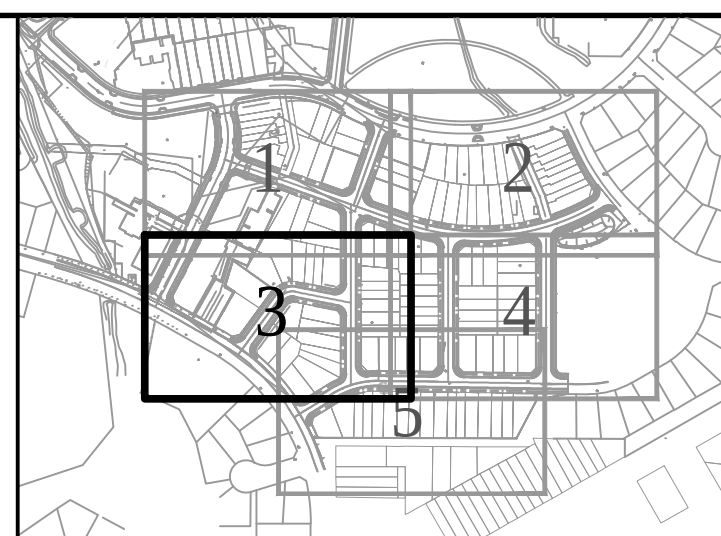
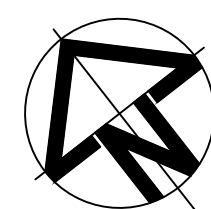
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INSET A



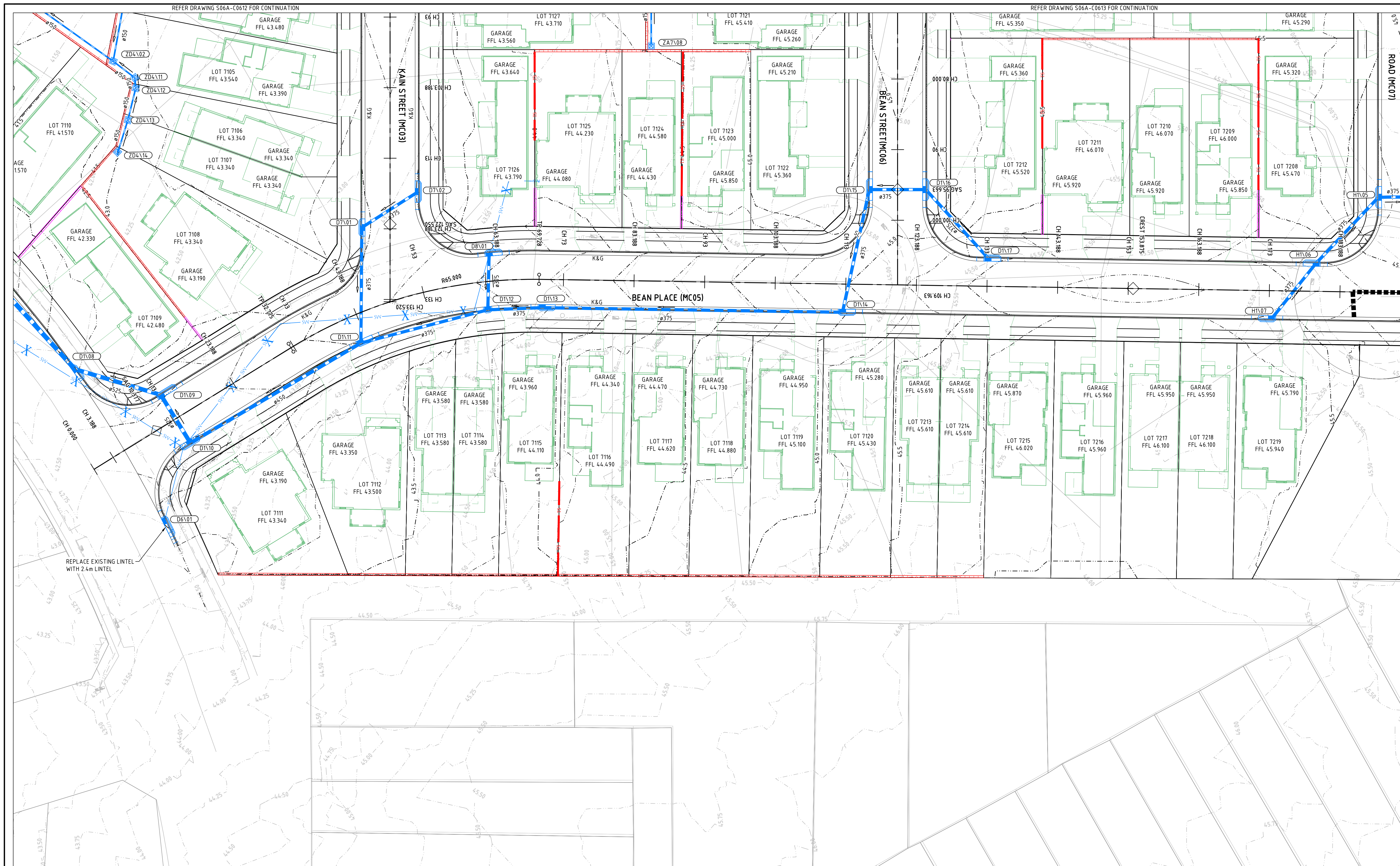
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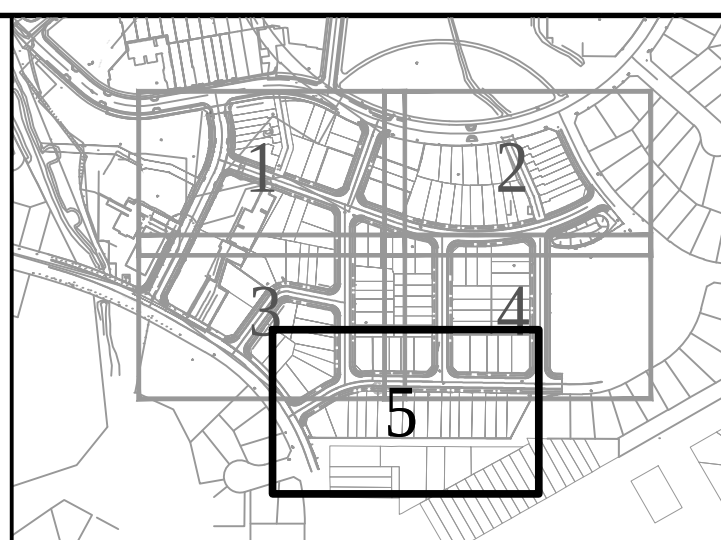
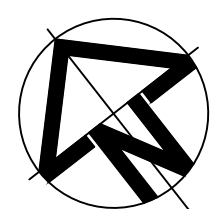
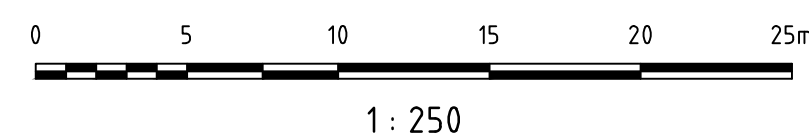


Scales	1:250	Current Issue Signatures	
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Original Size	A1	Designed MNOOR	
Height Datum	AHD	Checked M. KURTZ	
Grid	MGA	Approved S.KINSEY	
Filename:			

 ARCADIS	Arcadis Australia Pacific Pty Limited Level 5, 141 Walker St NORTH SYDNEY NSW 2060 ABN 76 104 485 289 Tel No: +61 2 8907 9000 Fax No: +61 2 8907 9001 arcadis.com
Arcadis Project No. AA004421	Drawing No. S6A-C0612
Issue 05	Issue 05



Issue	Description	Date
05	ISSUE FOR DA	07.02.2018
04	ISSUE FOR DA	27.07.2017
03	ISSUE FOR DA	21.07.2017
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Datum	MGA	Checked M. KURTZ
Grid		Approved S. KINSEY
Filename:		

Project	BONNYRIGG LIVING COMMUNITIES PROJECT STAGE 6A & 7 - CIVIL WORKS	
Title	SITEWORKS AND STORMWATER DRAINAGE PLAN SHEET 5	

ARCADIS

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Level 5, 141 Walker St
NORTH SYDNEY NSW 2060
ABN 76 104 485 289

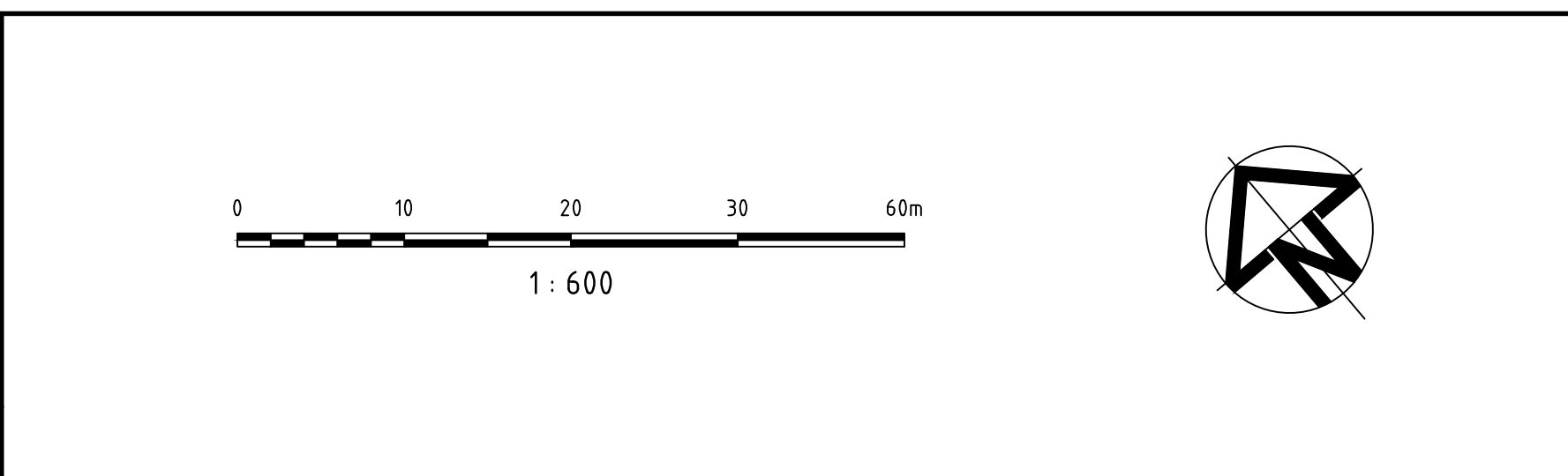
Arcadis Project No.
AA004421

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Fax No: +61 2 8907 9001
arcadis.com

Drawing No. **S6A-C0614** Issue **05**



Issue	Description	Date
04	ISSUE FOR DA	07.02.2018
03	ISSUE FOR DA	21.07.2017
02	ISSUE FOR DA	04.07.2017
01	ISSUE FOR DA (DRAFT)	08.06.2017



Client

Status	
DEVELOPMENT APPLICATION NOT TO BE USED FOR CONSTRUCTION	
Scales	1:600
Original Size	A1
Height	AHD
Datum	MGA
Grid	
Filename:	

Project

BONNYRIGG LIVING
COMMUNITIES PROJECT
STAGE 6A & 7 - CIVIL WORKS

Title

ROAD CONTROL LINE
SETOUT PLAN

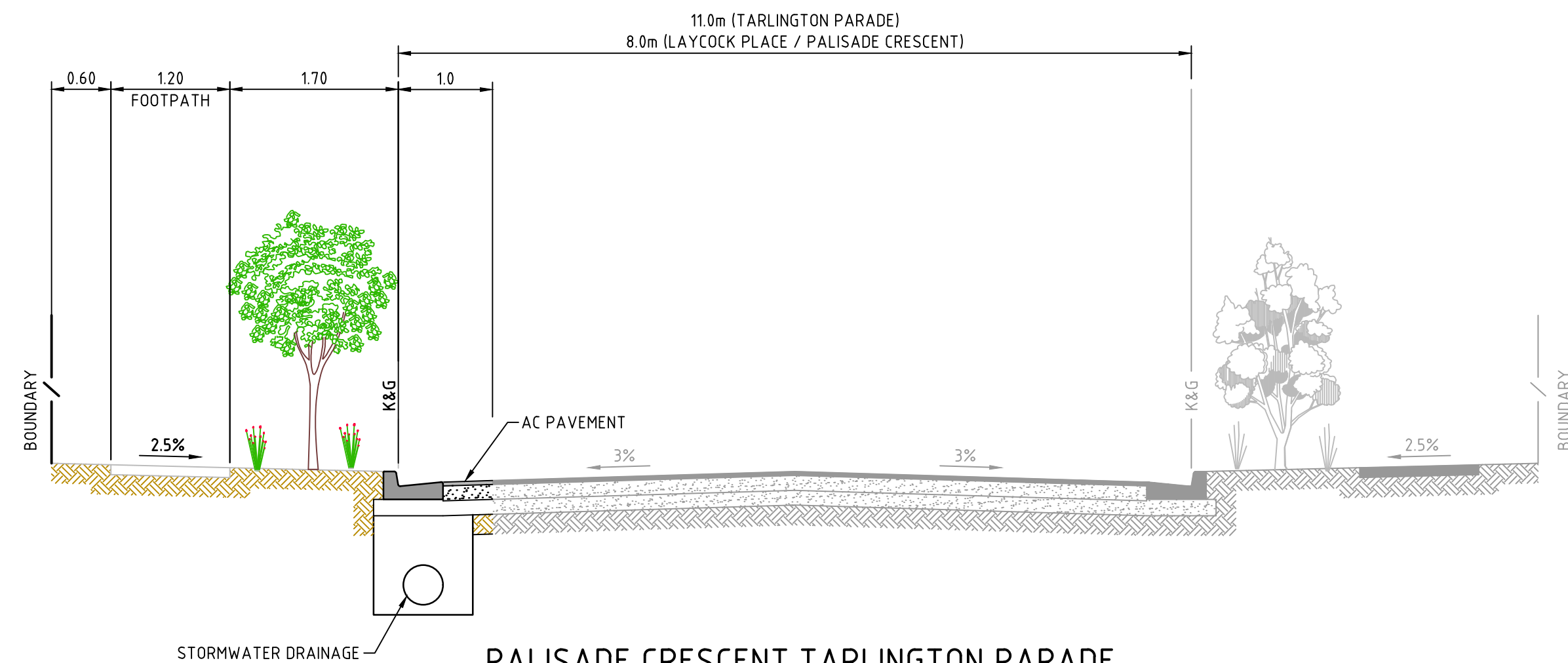
Arcadis Australia Pacific Pty Limited
Level 5, 141 Walker St
NORTH SYDNEY NSW 2060
ABN 76 104 485 289

Arcadis Project No.
AA004421

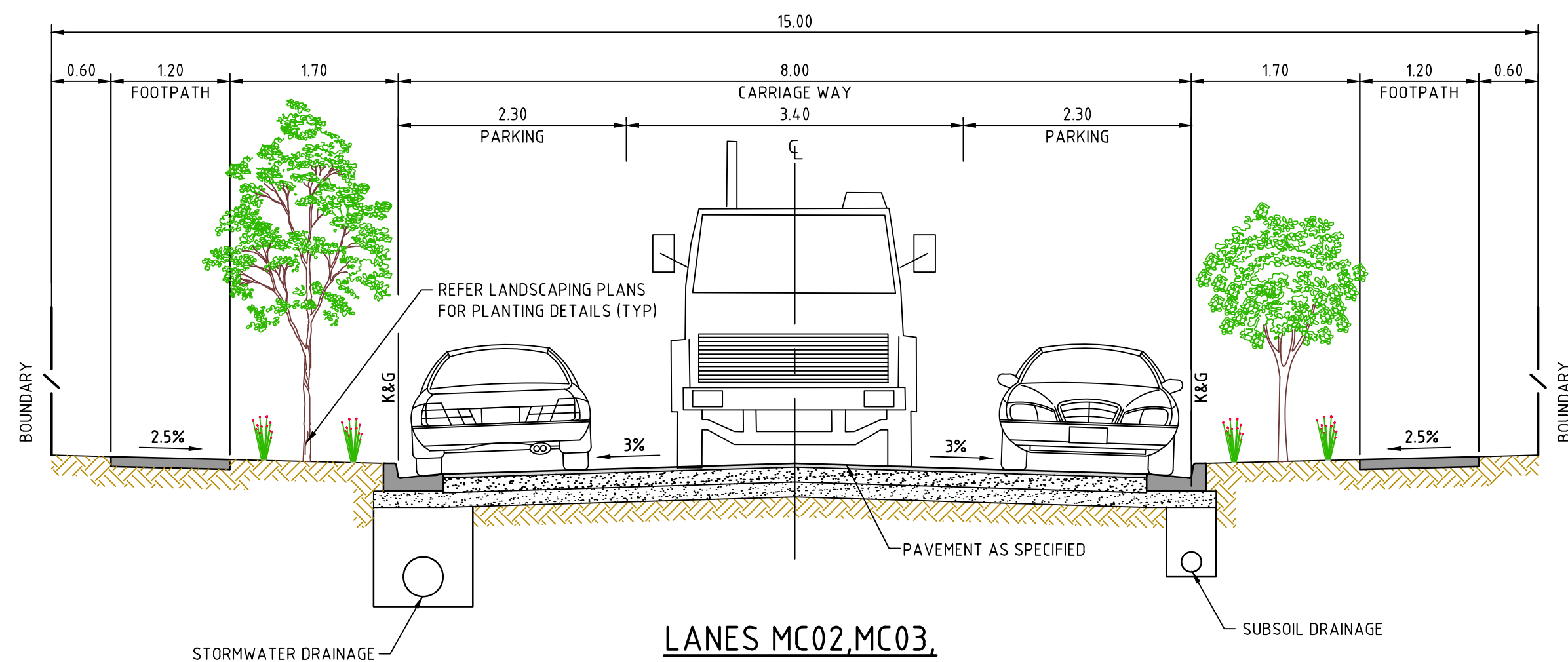
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AA004421

Drawing No.
S6A-C0620

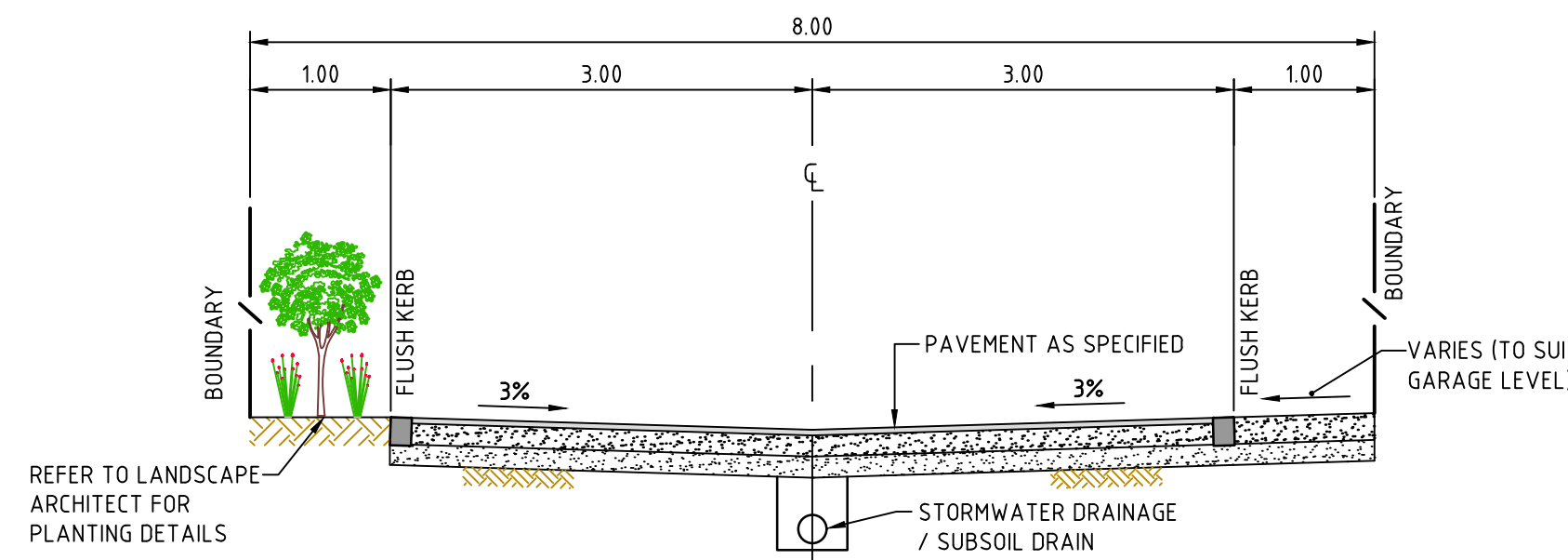
Issue
04



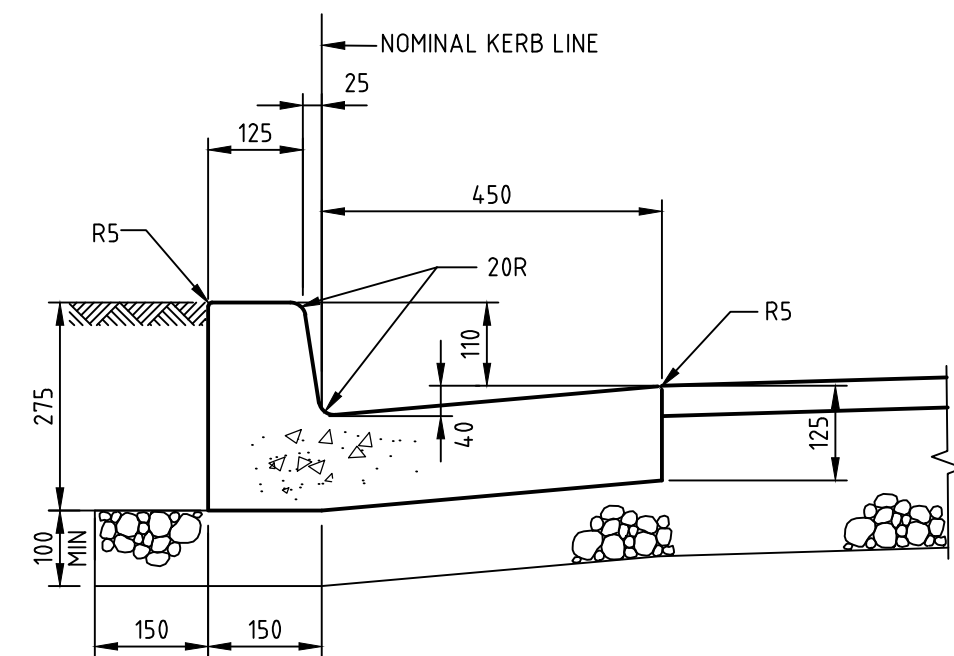
**PALISADE CRESCENT, TARLINGTON PARADE
AND LAYCOCK PLACE**
SCALE: 1:250



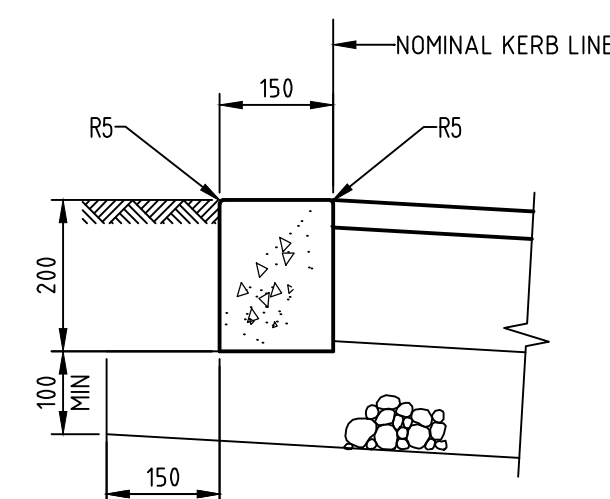
**LANES MC02, MC03,
MC04, MC05, MC06, MC07 AND MC09**
15m WIDE ACCESS STREET
SCALE: 1:250



LANES ML01 AND ML02
8.0m WIDE ACCESS LANE
SCALE: 1:250

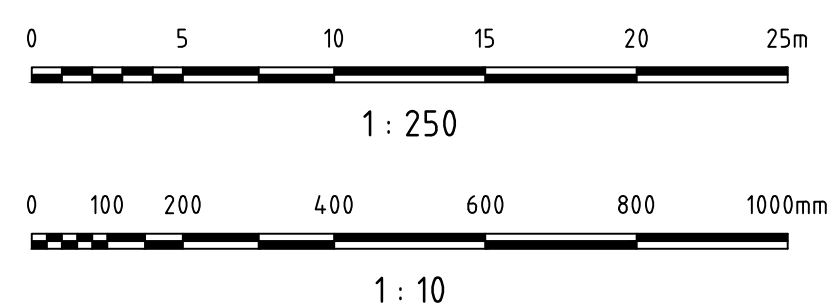


KERB AND GUTTER (K&G)
SCALE 1:10



FLUSH KERB (FK)
SCALE 1:10

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Client



Status
DEVELOPMENT APPLICATION
NOT TO BE USED FOR CONSTRUCTION

Scales	1:250	Current Issue Signatures
Original Size	A1	Designed M.NOOR
Height Datum	AHD	Checked M.KURTZ
Grid	MGA	Approved S.KINSEY
Filename:		

Project
**BONNYRIGG LIVING
COMMUNITIES PROJECT
STAGE 6A & 7 - CIVIL WORKS**

Title
**TYPICAL ROAD
CROSS SECTIONS**



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AA004421

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arcadis.com

Drawing No.
S6A-C0630

Issue
04

PAVEMENT LEGEND

TYPE 1 (5x10⁶ ESA)
45mm THICKNESS ASPHALTIC CONCRETE (AC10) CLASS 320
150mm DGB20 NATURAL
300mm DGS40 RECYCLED
CBR 3%

TYPE 2
45mm THICKNESS ASPHALTIC CONCRETE (AC10) CLASS 320
150mm DGB20 NATURAL
200mm DGS40 RECYCLED
CBR 3%

TYPE 3 COLLECTOR ROAD PAVEMENT (2x10⁶ ESA)
45mm THICKNESS ASPHALTIC CONCRETE (AC10) CLASS 320
150mm DGB20 NATURAL
370mm DGS40 RECYCLED
CBR 3%

NOTE: THE PAVEMENT DESIGN IS SUBJECT CONFIRMATION BY THE GEOTECHNICAL CONSULTANT BASED ON IN-SITU CBR TESTS.

PROPOSED FOOTPATH
REFER F.C.C STANDARD DRAWING S-1

EXISTING PAVEMENT TO BE REMOVED

NOTE:
THE PAVEMENT DESIGN IS SUBJECT CONFIRMATION BY THE GEOTECHNICAL CONSULTANT BASED ON IN-SITU CBR TESTS. REFER TO RMS SPECIFICATIONS 3051 FOR DGB AND DGS MATERIAL SPECIFICATION.

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04	ISSUE FOR DA	07.02.2018
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010203060m

1: 600

0500100015002000mm

1: 20

Client

Status	DEVELOPMENT APPLICATION NOT TO BE USED FOR CONSTRUCTION	
Scales	1:600	Current Issue Signatures
	1:20	Drawn M. OLAYA
Original Size	A1	Designed M.NOOR
Height	AHD	Checked M. KURTZ
Datum	MGA	Approved S.KINSEY
Filename:		

Project

BONNYRIGG LIVING
COMMUNITIES PROJECT
STAGE 6A & 7 - CIVIL WORKS

Title

PAVEMENT AND LINEMARKING
PLAN

Arcadis Australia Pacific Pty Limited
Level 5, 141 Walker St
NORTH SYDNEY NSW 2060
ABN 76 104 485 289

Arcadis Project No.
AA004421

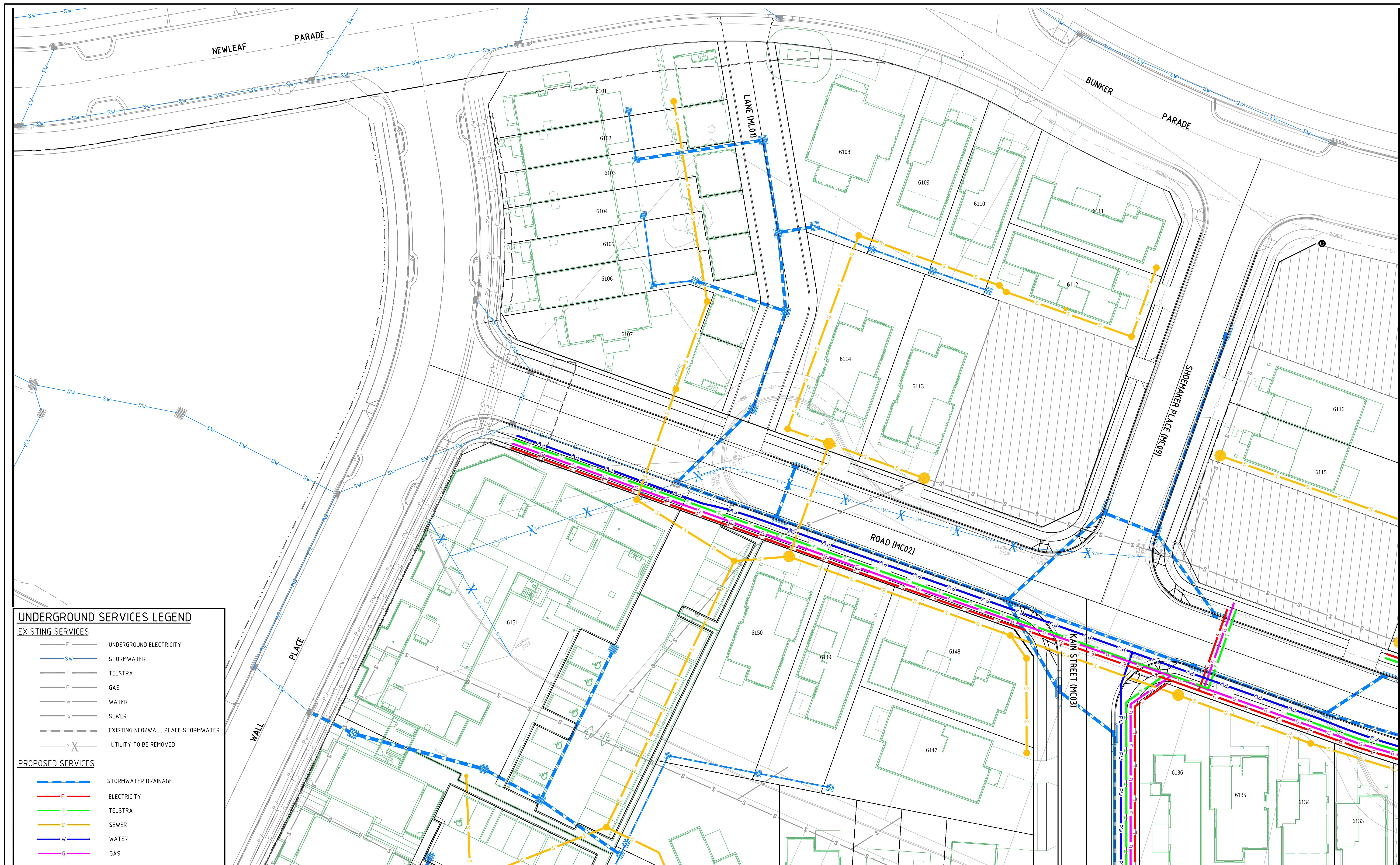
Arcadis Drawing No.
S6A-C0650

Issue
04

100mm on Original

Date Plotted: 7 Feb 2018 - 03:32PM File Name: F:\AA004421\E-CAD\VC-Civil\Stage 06\0-D-Final\stage 6A\S6A-C0650-CAD-PavementPlan.dwg

V1



UNDERGROUND SERVICES LEGEND

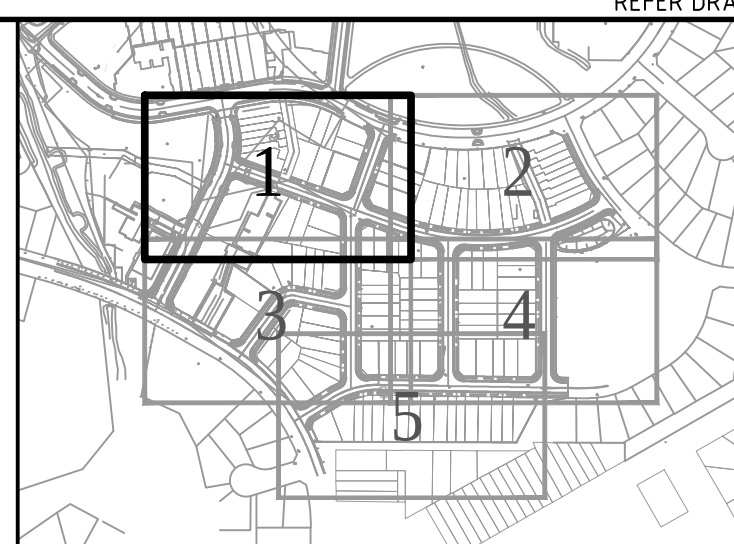
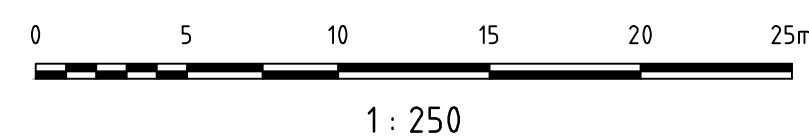
EXISTING SERVICES

- E — UNDERGROUND ELECTRICITY
- SW — STORMWATER
- T — TELSTRA
- G — GAS
- W — WATER
- S — SEWER
- EXISTING NCO/WALL PLACE STORMWATER
- ? X — UTILITY TO BE REMOVED

PROPOSED SERVICES

- STORMWATER DRAINAGE
- E — ELECTRICITY
- T — TELSTRA
- S — SEWER
- W — WATER
- G — GAS

Issue	Description	Date
04	ISSUE FOR DA	07.02.2018
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Designed	M. NOOR
Checked	M. KURTZ
Approved	S. KINSEY

Project BONNYRIGG LIVING COMMUNITIES PROJECT STAGE 6A & 7 - CIVIL WORKS	
Title SERVICES COORDINATION PLAN SHEET 1	

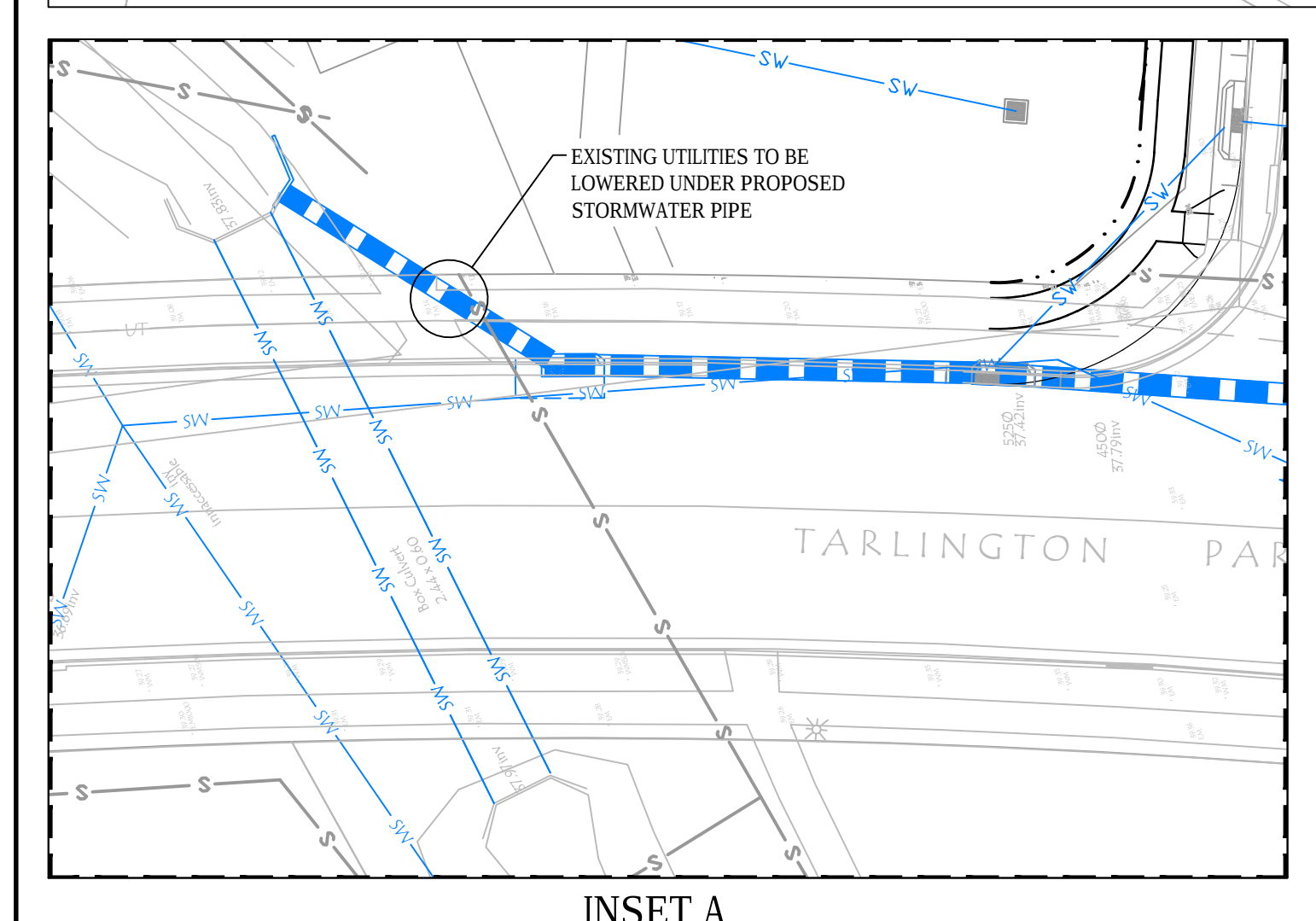
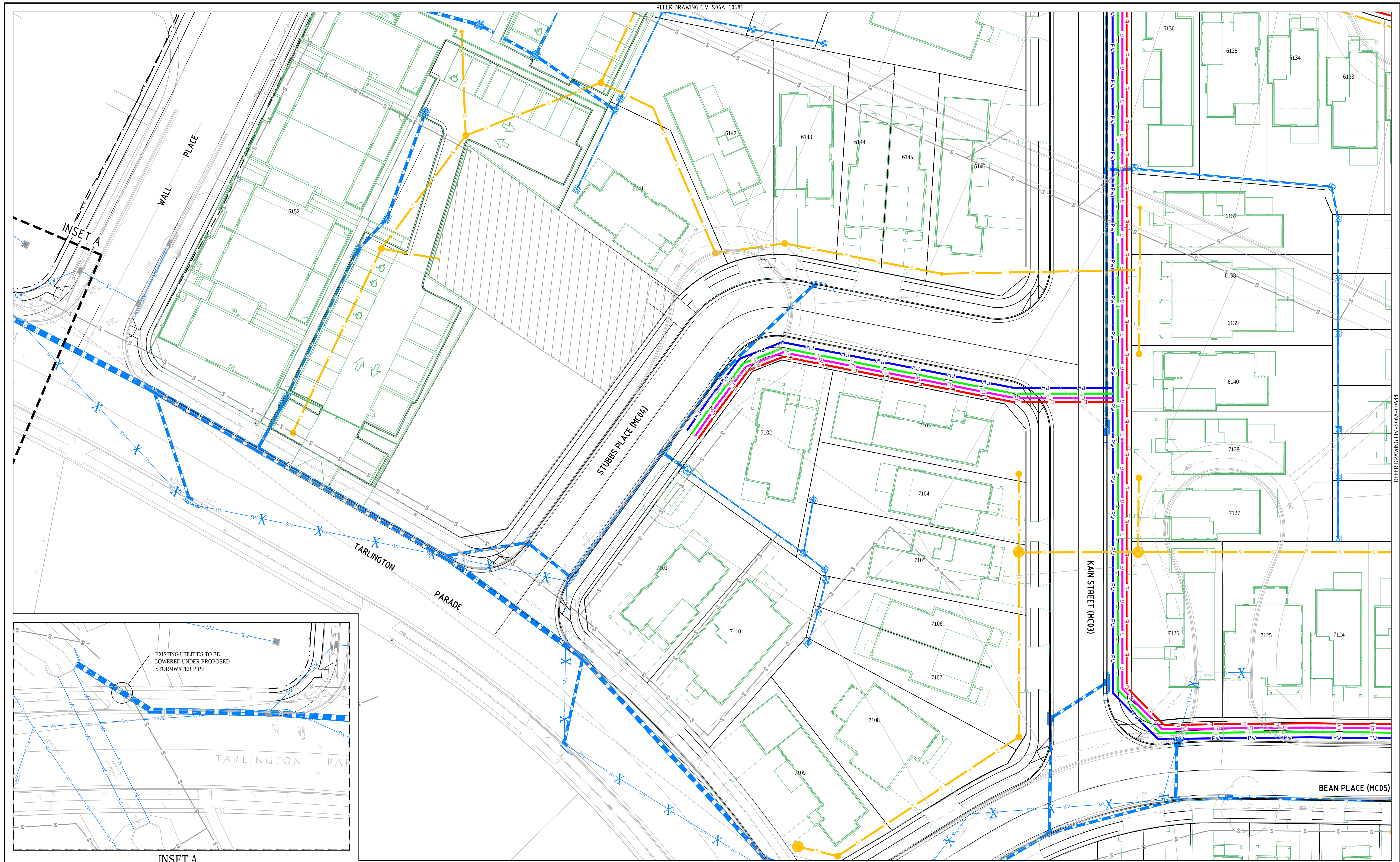
ARCADIS
Arcadis Australia Pacific Pty Limited
Level 5, 141 Walker St
NORTH SYDNEY NSW 2060
ABN 76 104 485 289

Arcadis Project No.
AA004421

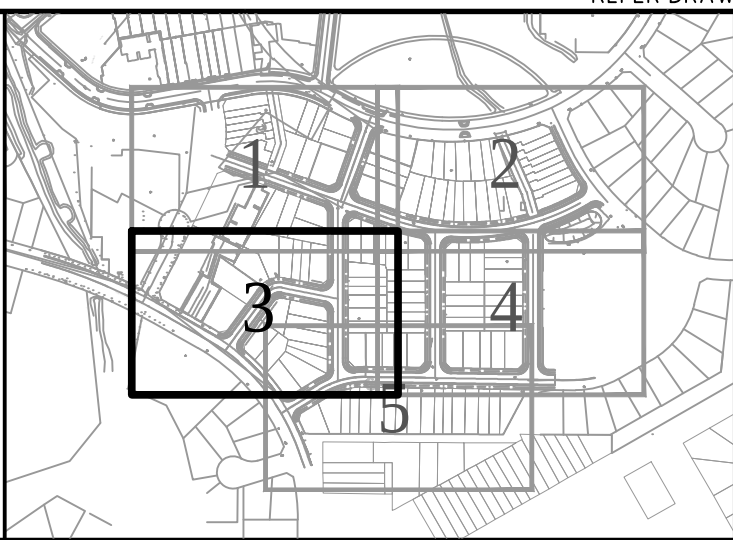
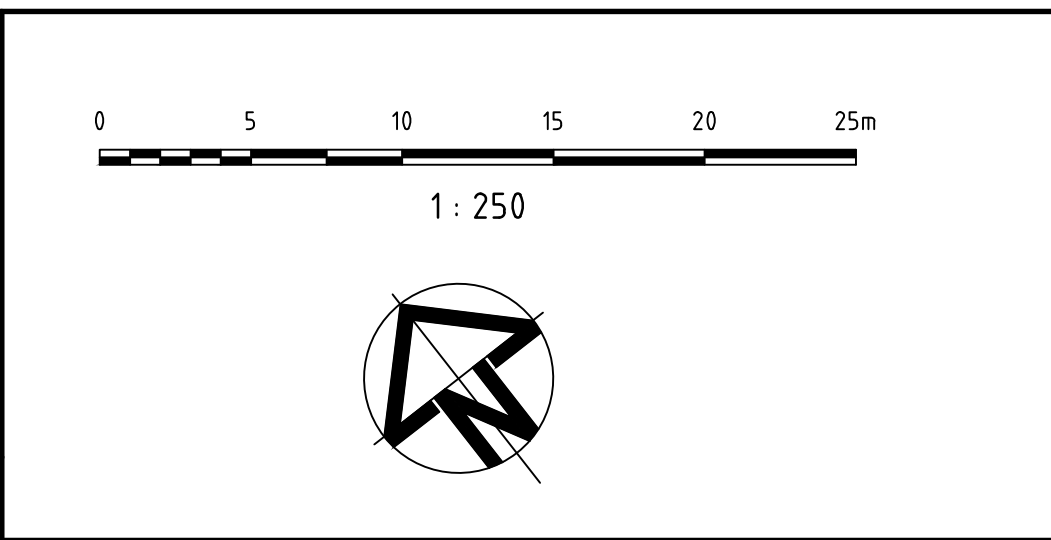
Tel No: +61 2 8907 9000
Fax No: +61 2 8907 9001
arcadis.com

Drawing No.
S6A-C0685

Issue
04



Issue	Description	Date
04	ISSUE FOR DA	07.02.2018
03	ISSUE FOR DA	21.07.2017
02	ISSUE FOR DA	04.07.2017
01	ISSUE FOR DA (DRAFT)	08.06.2017



Client

UrbanGrowth
NSW

Status DEVELOPMENT APPLICATION NOT TO BE USED FOR CONSTRUCTION	
Scales	1:250
Original Size	A1
Height Datum	AHD
Grid	MGA
Filename:	
Current Issue Signatures	
Drawn	M. OLAYA
Designed	M. NOOR
Checked	M. KURTZ
Approved	S. KINSEY

Project
BONNYRIGG LIVING COMMUNITIES PROJECT
STAGE 6A & 7 - CIVIL WORKS

Title
SERVICES COORDINATION PLAN
SHEET 3

ARCADIS
Arcadis Australia Pacific Pty Limited
Level 5, 141 Walker St
NORTH SYDNEY NSW 2060
ABN 76 104 485 289

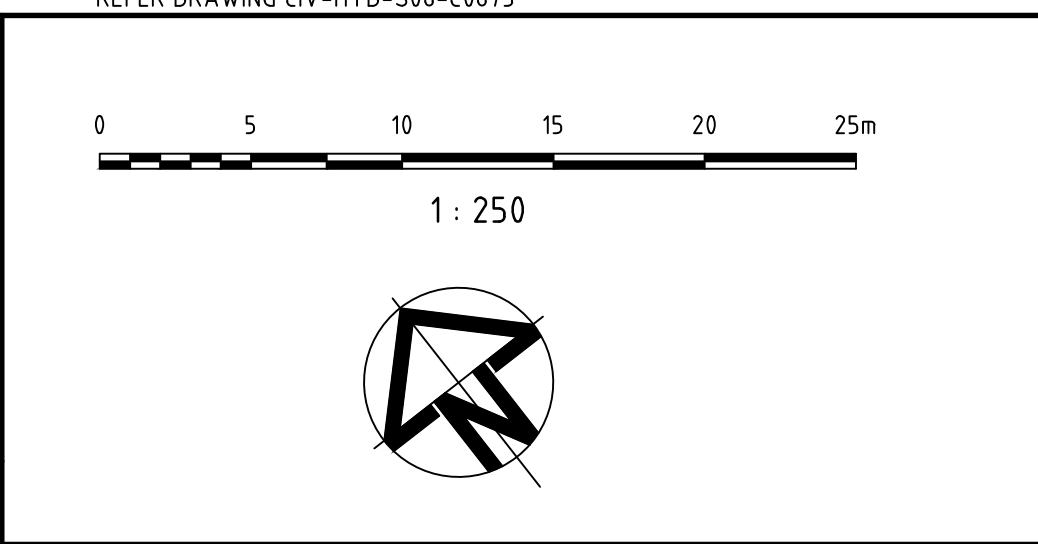
Arcadis Project No.
AA004421

Drawing No.
S6A-C0687

Issue
04



Issue	Description	Date
04	ISSUE FOR DA	07.02.2018
03	ISSUE FOR DA	21.07.2017
02	ISSUE FOR DA	04.07.2017
01	ISSUE FOR DA (DRAFT)	08.06.2017



Status DEVELOPMENT APPLICATION NOT TO BE USED FOR CONSTRUCTION	
Scales	1:250
Original Size	A1
Height Datum	AHD
Grid	MGA
Filename:	
Current Issue Signatures	
Drawn	M. OLAYA
Designed	M. NOOR
Checked	M. KURTZ
Approved	S. KINSEY

Project BONNYRIGG LIVING COMMUNITIES PROJECT STAGE 6A & 7 - CIVIL WORKS	
Title SERVICES COORDINATION PLAN SHEET 5	

Arcadis Australia Pacific Pty Limited
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ABN 76 104 485 289

Arcadis Project No.
AA004421

Arcadis Tel No: +61 2 8907 9000
Fax No: +61 2 8907 9001
arcadis.com

Drawing No.
S6A-C0689

Issue
04



9.8m Collex garbage truck meters

Width : 2.50
Track : 2.30
Lock to Lock Time : 6.0
Steering Angle : 38.0

Issue	Description	Date
04	ISSUE FOR DA	07.02.2018
03	ISSUE FOR DA	21.07.2017
02	ISSUE FOR DA	04.07.2017
01	ISSUE FOR DA (DRAFT)	08.06.2017

010203060m

1 : 600

Client

STATUS

DEVELOPMENT APPLICATION
NOT TO BE USED FOR CONSTRUCTION

Scales

1:600

Original Size

A1

Height Datum

AHD

Grid

MGA

File name:

Project

BONNYRIGG LIVING
COMMUNITIES PROJECT
STAGE 6A & 7 - CIVIL WORKS

Title

TURNING PATHS
PLAN

ARCADIS

Arcadis Australia Pacific Pty Limited
Level 5, 141 Walker St
NORTH SYDNEY NSW 2060
ABN 76 104 485 289

Arcadis Project No.

AA004421

Drawing No.

S6A-C0695

Issue

04