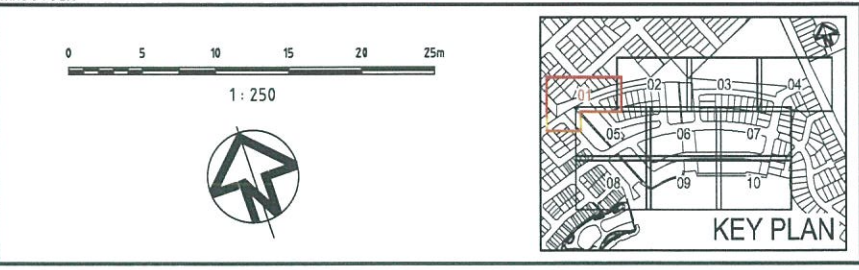


**SITeworks & STORMwater LEGEND**

- 50.0 PROPOSED CONTOURS (0.25m INTERVALS)
- 50.0 EXISTING CONTOURS (0.25m INTERVALS)
- STAGE BOUNDARY/LIMIT OF WORKS
- RW PROPOSED RETAINING WALL
- PART 3A BOUNDARY
- COMMUNITY LAND BOUNDARY
- K&G PROPOSED BARRIER KERB (REFER SCC DETAIL 7B21 SHEET 2)
- MK PROPOSED MEDIAN KERB
- DD PROPOSED DISH DRAIN
- PRAM RAMP (REFER SCC DETAIL 7B21 SHEET 1)
- PROPOSED TREE
- OUTLET WITH ENERGY DISSIPATOR / SCOUR PROTECTION
- PROPOSED STORMWATER DRAINAGE
- EXISTING STORMWATER DRAINAGE
- HYDROCON PIPES
- A06/01 PROPOSED PIT NUMBER
- PROPOSED STORMWATER PIPE / CULVERT
- PROPOSED KERB INLET STORMWATER PIT (REFER CCC DETAIL SD-500)
- PROPOSED STORMWATER PIT (REFER CCC DETAIL SD-S10)
- PROPOSED GROSS POLLUTANT TRAP
- PROPOSED JELLYFISH
- EXISTING STORMWATER PIPE / CULVERT
- A06/01 EXISTING STORMWATER PIT NAME
- EXISTING KERB INLET PIT
- EXISTING SURFACE INLET PIT
- EXISTING JUNCTION PIT
- PROPOSED SEWER
- APPROX. EXTENT OF PERMANENT WATER IN OVERLAND FLOW CHANNELS (OFC) AND SWALES
- PROPOSED PAVEMENT
- PROPOSED PAVEMENT
- SUPERLOTS HATCH

- NOTES:**
1. REFER TO SHEET 002 FOR GENERAL NOTES
  2. THE EXISTING SURFACE CONTOURS SHOWN ARE A COMBINATION OF DRONE SURVEY, DESIGN SURFACES FOR ADJACENT PRECINCTS, AND NATURAL SURFACE PROVIDED BY ADVISIAN 13/10/17.
  3. REFER TO LANDSCAPE ARCHITECT FOR PROPOSED LANDSCAPE CONCEPT DESIGN.
  4. LOCATION AND EXTENT OF RETAINING WALLS SUBJECT TO FUTURE DETAILED DESIGN STAGE.
  5. GRADING WITHIN LOTS SUBJECT TO FUTURE DETAILED DESIGN STAGE.
  6. LOCATION OF PRAM RAMPs TO BE CONFIRMED AT DETAILED DESIGN STAGE.
  7. LOCATION OF PROPERTY LOT DRIVEWAYS TO BE CONFIRMED AT DETAILED DESIGN STAGE.
  8. SUPERLOTS ARE SUBJECT TO SEPARATE FUTURE DA FOR SUBDIVISION.
  9. REFER TO LANDSCAPE ARCHITECTS FOR FORESHORE DESIGN.
  10. PRECINCT E T-INTERSECTION TO BE CONVERTED TO ROUNDABOUT (FINAL DESIGN SCENARIO) ROUNDABOUT SPLITTER ISLANDS AND ANNULUS TO BE CONSTRUCTED UNDER PRECINCT F & G WORKS.

Issue	Description	Date
02	FINAL ISSUE	13/06/2018
01	ISSUED FOR CLIENT REVIEW	17/05/2018



Client

Status	PRELIMINARY ONLY NOT TO BE USED FOR CONSTRUCTION	
Scales	1 : 250	Current Issue Signatures
Original Size	A1	Drawn M McDONALD
Height Datum	AHD	Designed G EVERETT
Grid	MGA	Checked
		Approved

Project  
**SHELL COVE  
PRECINCT F AND G  
AND WETLAND 08**

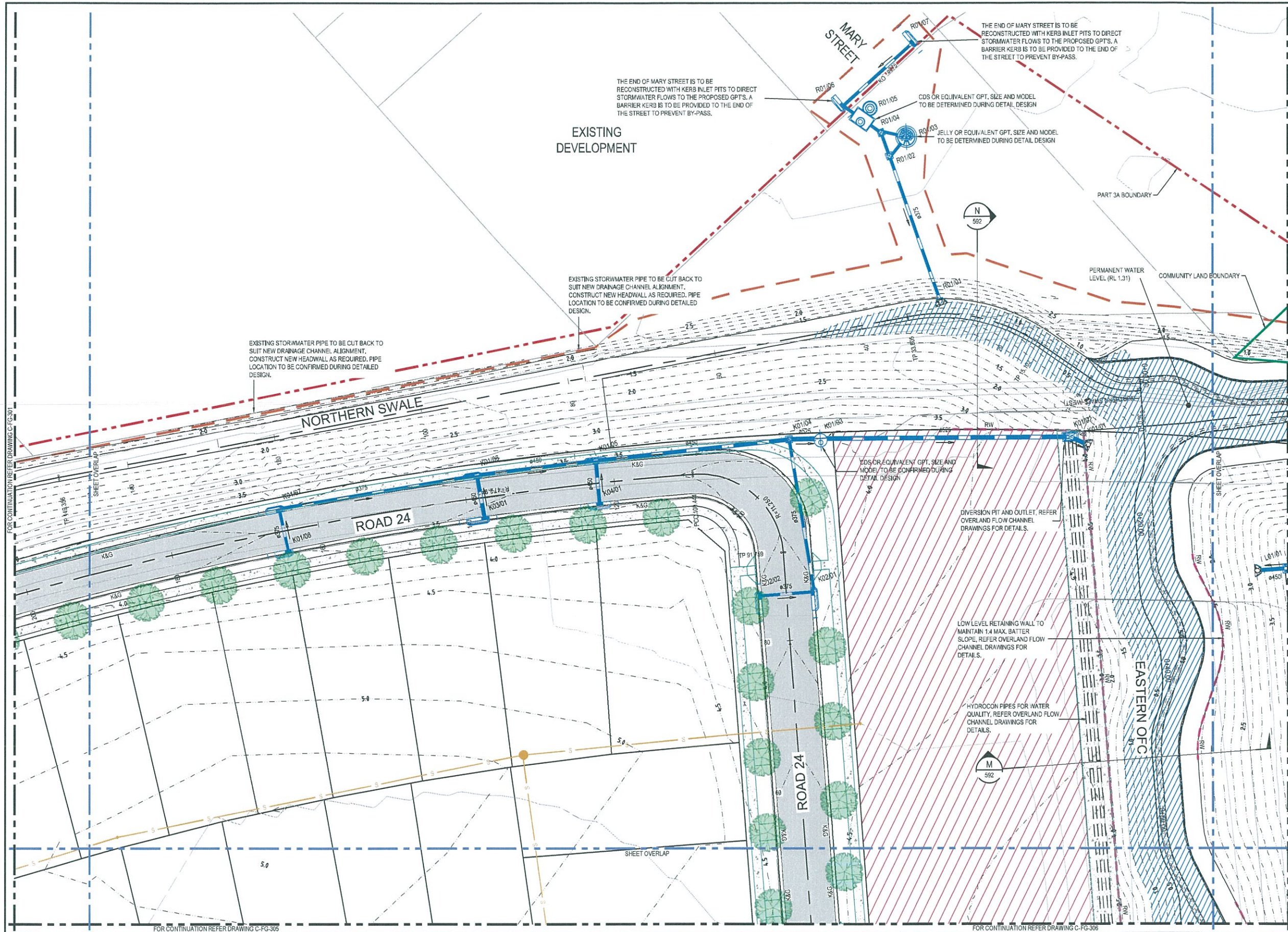
Title  
**CIVIL WORKS AND  
STORMWATER DRAINAGE PLANS  
SHEET 1**

Arcadis Australia Pacific Pty Limited  
Level 16, 580 George Street  
SYDNEY NSW 2000  
ABN 76 104 485 289

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

Drawing No. C-FG-301 Project No. 10006310 Issue 02





**SITeworks & STORMWATER LEGEND**

- 50.0 PROPOSED CONTOURS (0.25m INTERVALS)
- 50.0 EXISTING CONTOURS (0.25m INTERVALS)
- STAGE BOUNDARY / LIMIT OF WORKS
- RW PROPOSED RETAINING WALL
- PART 3A BOUNDARY
- COMMUNITY LAND BOUNDARY
- K&G PROPOSED BARRIER KERB (REFER SCC DETAIL 7B21 SHEET 2)
- MK PROPOSED MEDIAN KERB
- DD PROPOSED DISH DRAIN
- PRAM RAMP (REFER SCC DETAIL 7B21 SHEET 1)
- PROPOSED TREE
- OUTLET WITH ENERGY DISSIPATOR / SCOUR PROTECTION
- PROPOSED STORMWATER DRAINAGE
- EXISTING STORMWATER DRAINAGE
- HYDROCON PIPES
- PROPOSED PIT NUMBER
- PROPOSED STORMWATER PIPE / CULVERT
- PROPOSED KERB INLET STORMWATER PIT (REFER CCC DETAIL SD-S06)
- PROPOSED STORMWATER PIT (REFER CCC DETAIL SD-S10)
- PROPOSED GROSS POLLUTANT TRAP
- PROPOSED JELLYFISH
- EXISTING STORMWATER PIPE / CULVERT
- EXISTING STORMWATER PIT NAME
- EXISTING KERB INLET PIT
- EXISTING SURFACE INLET PIT
- EXISTING JUNCTION PIT
- PROPOSED SEWER
- APPROX. EXTENT OF PERMANENT WATER IN OVERLAND FLOW CHANNELS (OFC) AND SWALES
- PROPOSED PAVEMENT
- PROPOSED PAVEMENT
- SUPERLOTS HATCH

- NOTES:**
1. REFER TO SHEET 002 FOR GENERAL NOTES.
  2. THE EXISTING SURFACE CONTOURS SHOWN ARE A COMBINATION OF DRONE SURVEY, DESIGN SURFACES FOR ADJACENT PRECINCTS, AND NATURAL SURFACE PROVIDED BY ADVISIAN 13/10/17.
  3. REFER TO LANDSCAPE ARCHITECT FOR PROPOSED LANDSCAPE CONCEPT DESIGN.
  4. LOCATION AND EXTENT OF RETAINING WALLS SUBJECT TO FUTURE DETAILED DESIGN STAGE.
  5. GRADING WITHIN LOTS SUBJECT TO FUTURE DETAILED DESIGN STAGE.
  6. LOCATION OF FRAM RAMP TO BE CONFIRMED AT DETAILED DESIGN STAGE.
  7. LOCATION OF PROPERTY LOT DRIVEWAYS TO BE CONFIRMED AT DETAILED DESIGN STAGE.
  8. SUPERLOTS ARE SUBJECT TO SEPARATE FUTURE DA FOR SUBDIVISION.
  9. REFER TO LANDSCAPE ARCHITECTS FOR FORESHORE DESIGN.
  10. PRECINCT E T-INTERSECTION TO BE CONVERTED TO ROUNDABOUT (FINAL DESIGN SCENARIO). ROUNDABOUT SPLITTER ISLANDS AND ANNULUS TO BE CONSTRUCTED UNDER PRECINCT F & G WORKS.

Issue	Description	Date
02	FINAL ISSUE	13/06/2018
01	ISSUED FOR CLIENT REVIEW	17/05/2018

0 5 10 15 20 25m

1 : 250

KEY PLAN

Client

Status

**PRELIMINARY ONLY**  
NOT TO BE USED FOR CONSTRUCTION

Scale	Current Issue Signatures
1 : 250	Drawn M McDONALD
Original Size	Designed G EVERETT
Height Datum	Checked
Grid	Approved

Project

**SHELL COVE PRECINCT F AND G AND WETLAND 08**

Title

**CIVIL WORKS AND STORMWATER DRAINAGE PLANS SHEET 2**

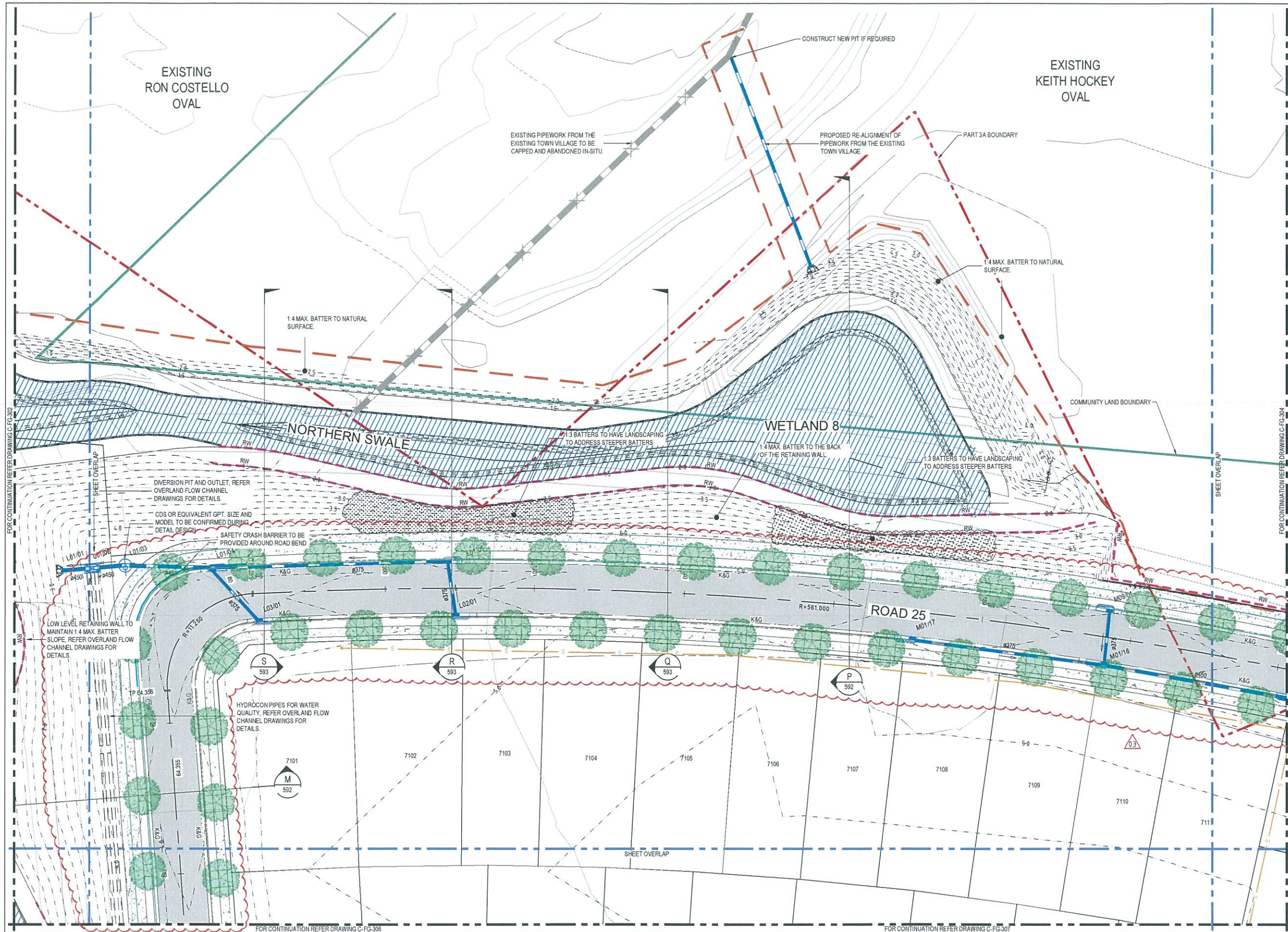
Arcadis Australia Pacific Pty Limited  
Level 16, 580 George Street  
SYDNEY NSW 2000  
ABN 76 104 485 289

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

Drawing No. Project No. Issue

C-FG-302 - 10006310 - 02



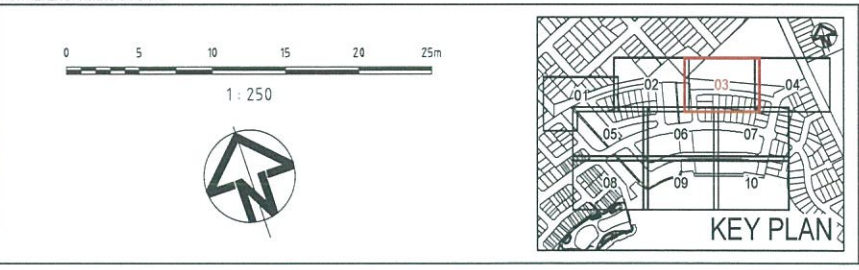


**SITeworks & STORMwater LEGEND**

- PROPOSED CONTOURS (0.25m INTERVALS)
- EXISTING CONTOURS (0.25m INTERVALS)
- STAGE BOUNDARY/LIMIT OF WORKS
- PROPOSED RETAINING WALL
- PART 3A BOUNDARY
- COMMUNITY LAND BOUNDARY
- PROPOSED BARRIER KERB (REFER SCC DETAIL 7B21 SHEET 2)
- PROPOSED MEDIAN KERB
- PROPOSED DISH DRAIN
- PRAM RAMP (REFER SCC DETAIL 7B21 SHEET 1)
- PROPOSED TREE
- OUTLET WITH ENERGY DISSIPATOR / SCOUR PROTECTION
- PROPOSED STORMWATER DRAINAGE
- EXISTING STORMWATER DRAINAGE
- HYDROCON PIPES
- PROPOSED PIT NUMBER
- PROPOSED STORMWATER PIPE / CULVERT
- PROPOSED KERB INLET STORMWATER PIT (REFER CCC DETAIL SD-S06)
- PROPOSED STORMWATER PIT (REFER CCC DETAIL SD-S10)
- PROPOSED GROSS POLLUTANT TRAP
- PROPOSED JELLYFISH
- EXISTING STORMWATER PIPE / CULVERT
- EXISTING STORMWATER PIT NAME
- EXISTING KERB INLET PIT
- EXISTING SURFACE INLET PIT
- EXISTING JUNCTION PIT
- PROPOSED SEWER
- APPROX. EXTENT OF PERMANENT WATER IN OVERLAND FLOW CHANNELS (OFC) AND SWALES
- PROPOSED PAVEMENT
- PROPOSED PAVEMENT
- SUPERLOTS HATCH

- NOTES:**
1. REFER TO SHEET 002 FOR GENERAL NOTES.
  2. THE EXISTING SURFACE CONTOURS SHOWN ARE A COMBINATION OF DRONE SURVEY, DESIGN SURFACES FOR ADJACENT PRECINCTS, AND NATURAL SURFACE PROVIDED BY ADVISIAN 13/10/17.
  3. REFER TO LANDSCAPE ARCHITECT FOR PROPOSED LANDSCAPE CONCEPT DESIGN.
  4. LOCATION AND EXTENT OF RETAINING WALLS SUBJECT TO FUTURE DETAILED DESIGN STAGE.
  5. GRADING WITHIN LOTS SUBJECT TO FUTURE DETAILED DESIGN STAGE.
  6. LOCATION OF PRAM RAMPS TO BE CONFIRMED AT DETAILED DESIGN STAGE.
  7. LOCATION OF PROPERTY LOT DRIVEWAYS TO BE CONFIRMED AT DETAILED DESIGN STAGE.
  8. SUPERLOTS ARE SUBJECT TO SEPARATE FUTURE DA FOR SUBDIVISION.
  9. REFER TO LANDSCAPE ARCHITECTS FOR FORESHORE DESIGN.
  10. PRECINCT E T-INTERSECTION TO BE CONVERTED TO ROUNDABOUT (FINAL DESIGN SCENARIO), ROUNDABOUT SPLITTER ISLANDS AND ANNULUS TO BE CONSTRUCTED UNDER PRECINCT F & G WORKS.

Issue	Description	Date
03	ADDRESS COUNCIL'S COMMENTS	7/02/2019
02	FINAL ISSUE	13/06/2018
01	ISSUED FOR CLIENT REVIEW	17/05/2018



Client

Status	PRELIMINARY ONLY NOT TO BE USED FOR CONSTRUCTION	
Scales	1 : 250	Current Issue Signatures
Original Size	A1	Drawn M McDONALD
Height Datum	AHD	Designed GEVERETT
Gnd	MGA	Checked
		Approved

Project  
**SHELL COVE  
PRECINCT F AND G  
AND WETLAND 08**

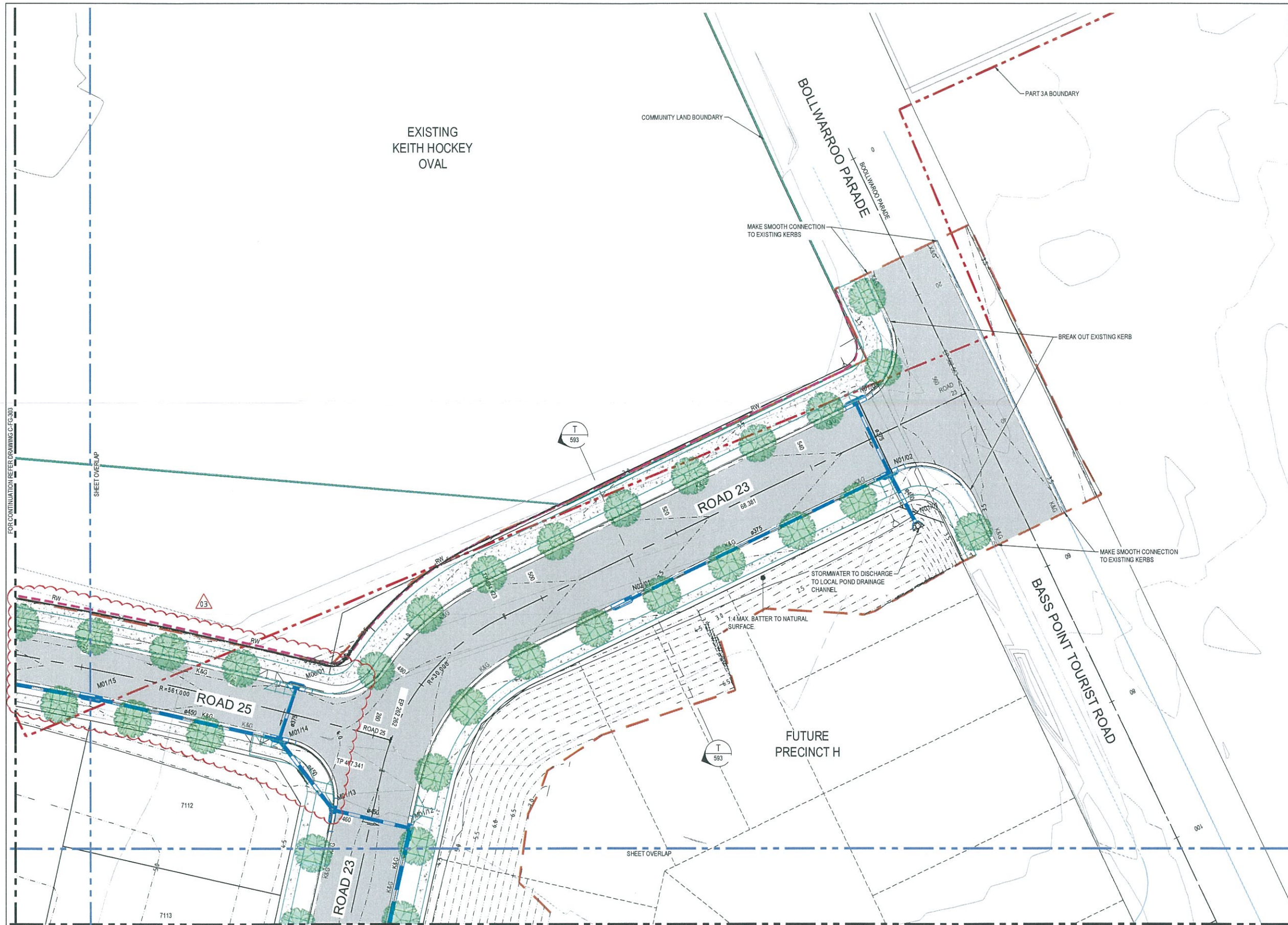
Title  
**CIVIL WORKS AND  
STORMWATER DRAINAGE PLANS  
SHEET 3**

Arcadis Australia Pacific Pty Limited  
Level 16, 580 George Street  
SYDNEY NSW 2000  
ABN 76 104 485 289

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

Drawing No. C-FG-303 - Project No. 10006310 - Issue 03





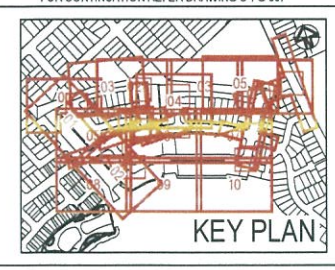
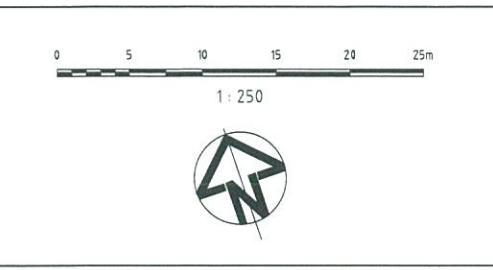
**SITeworks & STORMwater LEGEND**

- 60.0 PROPOSED CONTOURS (0.25m INTERVALS)
- 60.0 EXISTING CONTOURS (0.25m INTERVALS)
- STAGE BOUNDARY / LIMIT OF WORKS
- RW PROPOSED RETAINING WALL
- PART 3A BOUNDARY
- COMMUNITY LAND BOUNDARY
- K&G PROPOSED BARRIER KERB (REFER SCC DETAIL 7B21 SHEET 2)
- MK PROPOSED MEDIAN KERB
- DD PROPOSED DISH DRAIN
- PRAM RAMP (REFER SCC DETAIL 7B21 SHEET 1)
- PROPOSED TREE
- OUTLET WITH ENERGY DISSIPATOR / SCOUR PROTECTION
- PROPOSED STORMWATER DRAINAGE
- EXISTING STORMWATER DRAINAGE
- HYDROCON PIPES
- A06/01 PROPOSED PIT NUMBER
- PROPOSED STORMWATER PIPE / CULVERT
- PROPOSED KERB INLET STORMWATER PIT (REFER CCC DETAIL SD-506)
- PROPOSED STORMWATER PIT (REFER CCC DETAIL SD-510)
- PROPOSED GROSS POLLUTANT TRAP
- PROPOSED JELLYFISH
- EXISTING STORMWATER PIPE / CULVERT
- A06/01 EXISTING STORMWATER PIT NAME
- EXISTING KERB INLET PIT
- EXISTING SURFACE INLET PIT
- EXISTING JUNCTION PIT
- PROPOSED SEWER
- APPROX. EXTENT OF PERMANENT WATER IN OVERLAND FLOW CHANNELS (OFC) AND SWALES
- PROPOSED PAVEMENT
- PROPOSED PAVEMENT
- SUPERLOTS HATCH

**NOTES:**

1. REFER TO SHEET 002 FOR GENERAL NOTES
2. THE EXISTING SURFACE CONTOURS SHOWN ARE A COMBINATION OF DRONE SURVEY, DESIGN SURFACES FOR ADJACENT PRECINCTS, AND NATURAL SURFACE PROVIDED BY ADVISIAN 13/10/17
3. REFER TO LANDSCAPE ARCHITECT FOR PROPOSED LANDSCAPE CONCEPT DESIGN
4. LOCATION AND EXTENT OF RETAINING WALLS SUBJECT TO FUTURE DETAILED DESIGN STAGE
5. GRADING WITHIN LOTS SUBJECT TO FUTURE DETAILED DESIGN STAGE
6. LOCATION OF PRAM RAMP TO BE CONFIRMED AT DETAILED DESIGN STAGE
7. LOCATION OF PROPERTY LOT DRIVEWAYS TO BE CONFIRMED AT DETAILED DESIGN STAGE
8. SUPERLOTS ARE SUBJECT TO SEPARATE FUTURE DA FOR SUBDIVISION
9. REFER TO LANDSCAPE ARCHITECTS FOR FORESHORE DESIGN
10. PRECINCT E T-INTERSECTION TO BE CONVERTED TO ROUNDABOUT (FINAL DESIGN SCENARIO), ROUNDABOUT SPLITTER ISLANDS AND ANNULUS TO BE CONSTRUCTED UNDER PRECINCT F & G WORKS.

Issue	Description	Date
03	ADDRESS COUNCIL'S COMMENTS	7/02/2019
02	FINAL ISSUE	13/06/2018
01	ISSUED FOR CLIENT REVIEW	17/05/2018



Client

Status	PRELIMINARY ONLY NOT TO BE USED FOR CONSTRUCTION	
Scales	1:250	Current Issue Signatures
Original Size	A1	Drawn: M McDONALD
Height Datum	AHD	Designed: G EVERETT
Grid	MGA	Checked:
		Approved:

Project  
**SHELL COVE  
PRECINCT F AND G  
AND WETLAND 08**

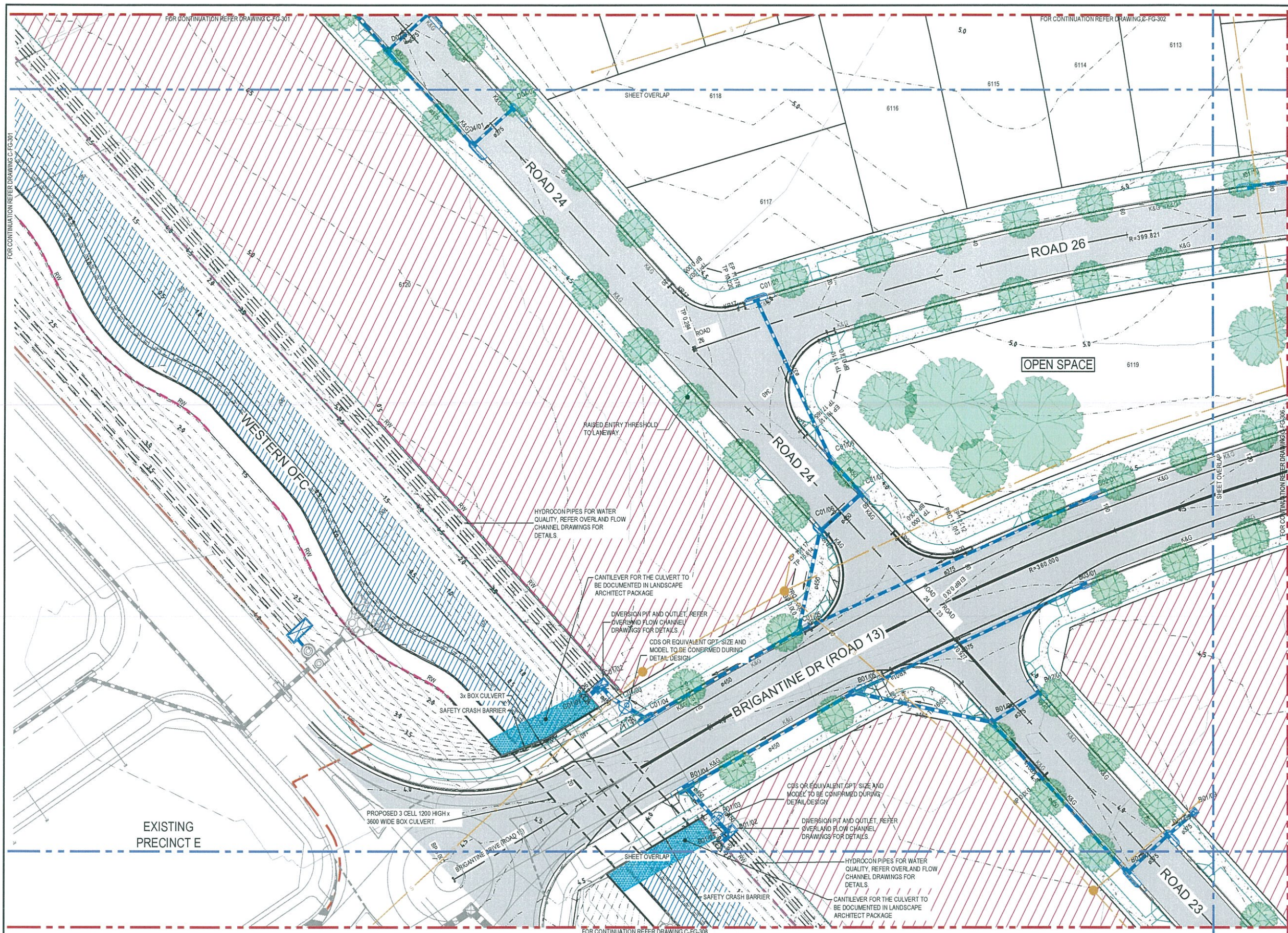
Title  
**CIVIL WORKS AND  
STORMWATER DRAINAGE PLANS  
SHEET 4**

ArCADIS Australia Pacific Pty Limited  
Level 16, 580 George Street  
SYDNEY NSW 2000  
ABN 76 104 485 289

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

Drawing No. C-FG-304 - Project No. 10006310 - Issue 03





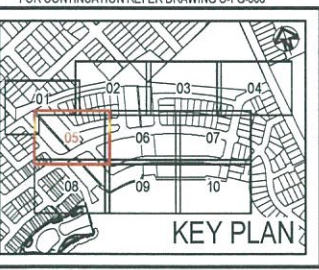
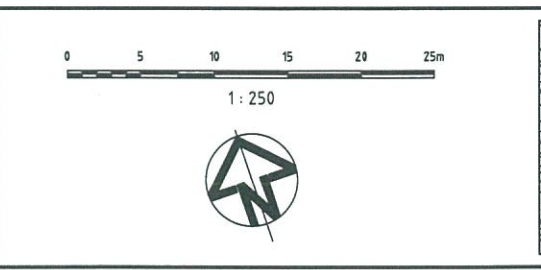
### SITeworks & STORMwater LEGEND

- PROPOSED CONTOURS (0.25m INTERVALS)
- EXISTING CONTOURS (0.25m INTERVALS)
- STAGE BOUNDARY/LIMIT OF WORKS
- PROPOSED RETAINING WALL
- PART 3A BOUNDARY
- COMMUNITY LAND BOUNDARY
- PROPOSED BARRIER KERB (REFER SCC DETAIL 7B21 SHEET 2)
- PROPOSED MEDIAN KERB
- PROPOSED DISH DRAIN
- PRAM RAMP (REFER SCC DETAIL 7B21 SHEET 1)
- PROPOSED TREE
- OUTLET WITH ENERGY DISSIPATOR / SCOUR PROTECTION
- PROPOSED STORMWATER DRAINAGE
- EXISTING STORMWATER DRAINAGE
- HYDROCON PIPES
- PROPOSED PIT NUMBER
- PROPOSED STORMWATER PIPE / CULVERT
- PROPOSED KERB INLET STORMWATER PIT (REFER CCC DETAIL SD-S06)
- PROPOSED STORMWATER PIT (REFER CCC DETAIL SD-S10)
- PROPOSED GROSS POLLUTANT TRAP
- PROPOSED JELLYFISH
- EXISTING STORMWATER PIPE / CULVERT
- EXISTING STORMWATER PIT NAME
- EXISTING KERB INLET PIT
- EXISTING SURFACE INLET PIT
- EXISTING JUNCTION PIT
- PROPOSED SEWER
- APPROX. EXTENT OF PERMANENT WATER IN OVERLAND FLOW CHANNELS (OFC) AND SWALES
- PROPOSED PAVEMENT
- PROPOSED PAVEMENT
- SUPERLOTS HATCH

### NOTES:

1. REFER TO SHEET 002 FOR GENERAL NOTES.
2. THE EXISTING SURFACE CONTOURS SHOWN ARE A COMBINATION OF DRONE SURVEY, DESIGN SURFACES FOR ADJACENT PRECINCTS, AND NATURAL SURFACE PROVIDED BY ADVISIAN 13/10/17.
3. REFER TO LANDSCAPE ARCHITECT FOR PROPOSED LANDSCAPE CONCEPT DESIGN.
4. LOCATION AND EXTENT OF RETAINING WALLS SUBJECT TO FUTURE DETAILED DESIGN STAGE.
5. GRADING WITHIN LOTS SUBJECT TO FUTURE DETAILED DESIGN STAGE.
6. LOCATION OF PRAM RAMPS TO BE CONFIRMED AT DETAILED DESIGN STAGE.
7. LOCATION OF PROPERTY LOT DRIVEWAYS TO BE CONFIRMED AT DETAILED DESIGN STAGE.
8. SUPERLOTS ARE SUBJECT TO SEPARATE FUTURE DA FOR SUBDIVISION.
9. REFER TO LANDSCAPE ARCHITECTS FOR FORESHORE DESIGN.
10. PRECINCT E T-INTERSECTION TO BE CONVERTED TO ROUNDABOUT (FINAL DESIGN SCENARIO), ROUNDABOUT SPLITTER ISLANDS AND ANNULUS TO BE CONSTRUCTED UNDER PRECINCT F & G WORKS.

Issue	Description	Date
02	FINAL ISSUE	13/06/2018
01	ISSUED FOR CLIENT REVIEW	17/05/2018



Client

FRASERS PROPERTY

Status	PRELIMINARY ONLY NOT TO BE USED FOR CONSTRUCTION	
Scales	1 : 250	Current Issue Signatures
Original Size	A1	Drawn M McDONALD
Height Datum	AHD	Designed G EVERETT
Gnd	MGA	Approved

Project

SHELL COVE  
PRECINCT F AND G  
AND WETLAND 08

Title

CIVIL WORKS AND  
STORMWATER DRAINAGE PLANS  
SHEET 5

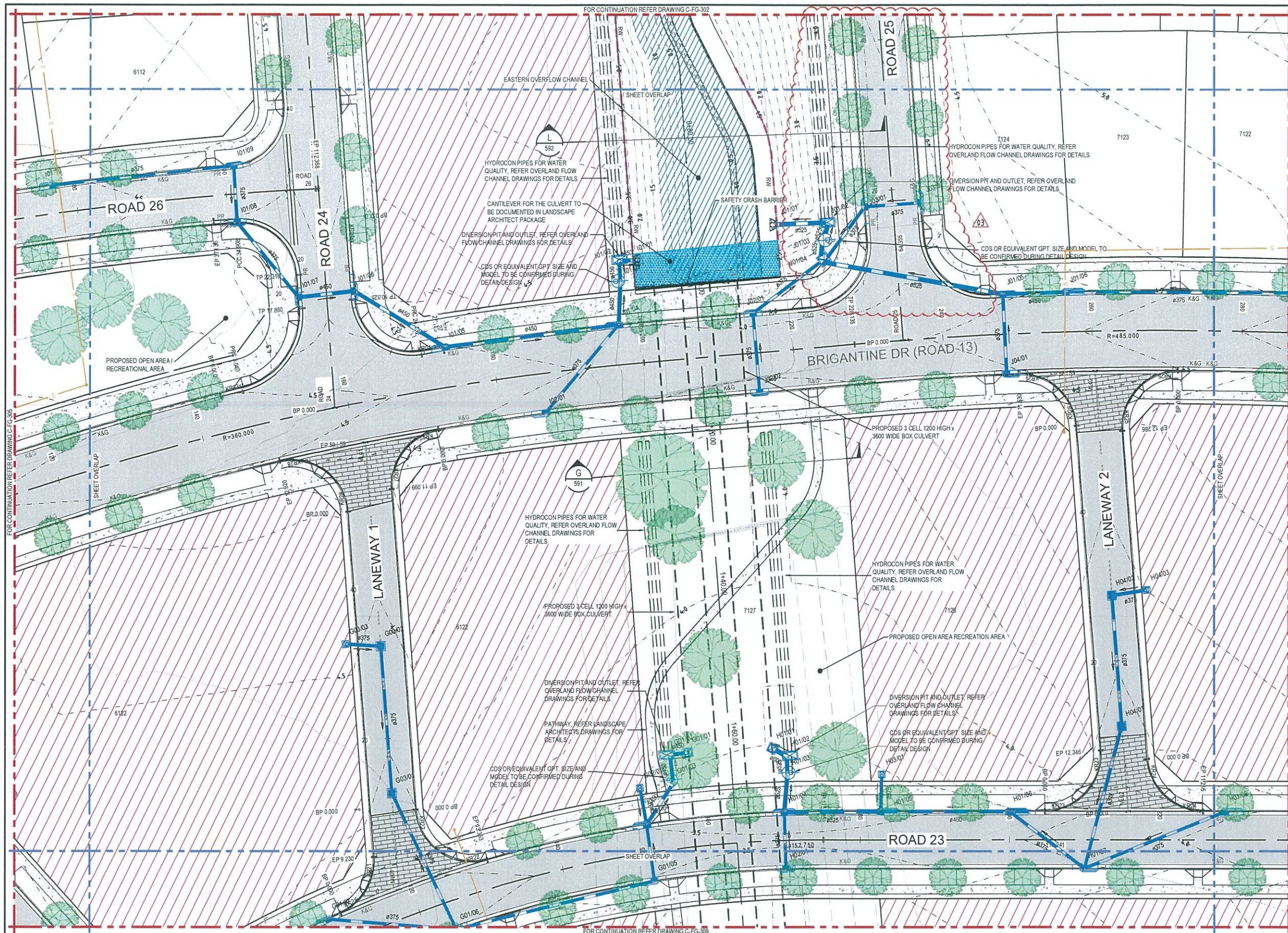
ARCADIS

Arcadis Australia Pacific Pty Limited  
Level 16, 580 George Street  
SYDNEY NSW 2000  
ABN 76 104 485 289

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

Drawing No. C-FG-305  
Project No. 10006310  
Issue 02



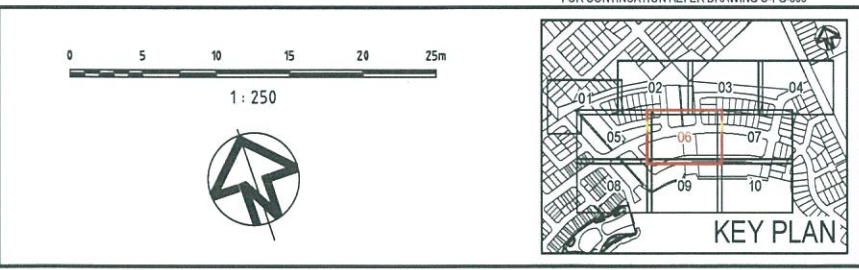


**SITeworks & STORMwater LEGEND**

- 60.0 PROPOSED CONTOURS (0.25m INTERVALS)
- 60.0 EXISTING CONTOURS (0.25m INTERVALS)
- STAGE BOUNDARY/ LIMIT OF WORKS
- RW PROPOSED RETAINING WALL
- PART 3A BOUNDARY
- COMMUNITY LAND BOUNDARY
- K&G PROPOSED BARRIER KERB (REFER SCC DETAIL 7821 SHEET 2)
- MK PROPOSED MEDIAN KERB
- DD PROPOSED DISH DRAIN
- PRAM RAMP (REFER SCC DETAIL 7821 SHEET 1)
- PROPOSED TREE
- OUTLET WITH ENERGY DISSIPATOR / SCOUR PROTECTION
- PROPOSED STORMWATER DRAINAGE
- EXISTING STORMWATER DRAINAGE
- HYDROCON PIPES
- PROPOSED PIT NUMBER
- PROPOSED STORMWATER PIPE / CULVERT
- PROPOSED KERB INLET STORMWATER PIT (REFER CCC DETAIL SD-S06)
- PROPOSED STORMWATER PIT (REFER CCC DETAIL SD-S10)
- PROPOSED GROSS POLLUTANT TRAP
- PROPOSED JELLYFISH
- EXISTING STORMWATER PIPE / CULVERT
- EXISTING STORMWATER PIT NAME
- EXISTING KERB INLET PIT
- EXISTING SURFACE INLET PIT
- EXISTING JUNCTION PIT
- PROPOSED SEWER
- APPROX. EXTENT OF PERMANENT WATER IN OVERLAND FLOW CHANNELS (OF) AND SWALES
- PROPOSED PAVEMENT
- PROPOSED PAVEMENT
- SUPERLOTS HATCH

- NOTES:**
1. REFER TO SHEET 002 FOR GENERAL NOTES.
  2. THE EXISTING SURFACE CONTOURS SHOWN ARE A COMBINATION OF DRONE SURVEY, DESIGN SURFACES FOR ADJACENT PRECINCTS, AND NATURAL SURFACE PROVIDED BY ADVISIAN 13/11/17.
  3. REFER TO LANDSCAPE ARCHITECT FOR PROPOSED LANDSCAPE CONCEPT DESIGN.
  4. LOCATION AND EXTENT OF RETAINING WALLS SUBJECT TO FUTURE DETAILED DESIGN STAGE.
  5. GRADING WITHIN LOTS SUBJECT TO FUTURE DETAILED DESIGN STAGE.
  6. LOCATION OF PRAM RAMPS TO BE CONFIRMED AT DETAILED DESIGN STAGE.
  7. LOCATION OF PROPERTY LOT DRIVEWAYS TO BE CONFIRMED AT DETAILED DESIGN STAGE.
  8. SUPERLOTS ARE SUBJECT TO SEPARATE FUTURE DA FOR SUBDIVISION.
  9. REFER TO LANDSCAPE ARCHITECTS FOR FORESHORE DESIGN.
  10. PRECINCT E-T-INTERSECTION TO BE CONVERTED TO ROUNDABOUT (FINAL DESIGN SCENARIO) ROUNDABOUT SPLITTER ISLANDS AND ANNULUS TO BE CONSTRUCTED UNDER PRECINCT F & G WORKS.

03	ADDRESS COUNCIL'S COMMENTS	7/10/2019
02	FINAL ISSUE	13/05/2018
01	ISSUED FOR CLIENT REVIEW	17/05/2018
Issue	Description	Date



Client

Status	PRELIMINARY ONLY NOT TO BE USED FOR CONSTRUCTION	
Scales	1:250	Current Issue Signatures
Original Size	A1	Drawn M.McDONALD
Height Datum	AHD	Designed G.EVERETT
Grid	MGA	Checked
		Approved

Project

**SHELL COVE  
PRECINCT F AND G  
AND WETLAND 08**

Title

**CIVIL WORKS AND  
STORMWATER DRAINAGE PLANS  
SHEET 6**

Arcadis Australia Pacific Pty Limited  
Level 16, 580 George Street  
SYDNEY NSW 2000  
ABN 76 104 485 289

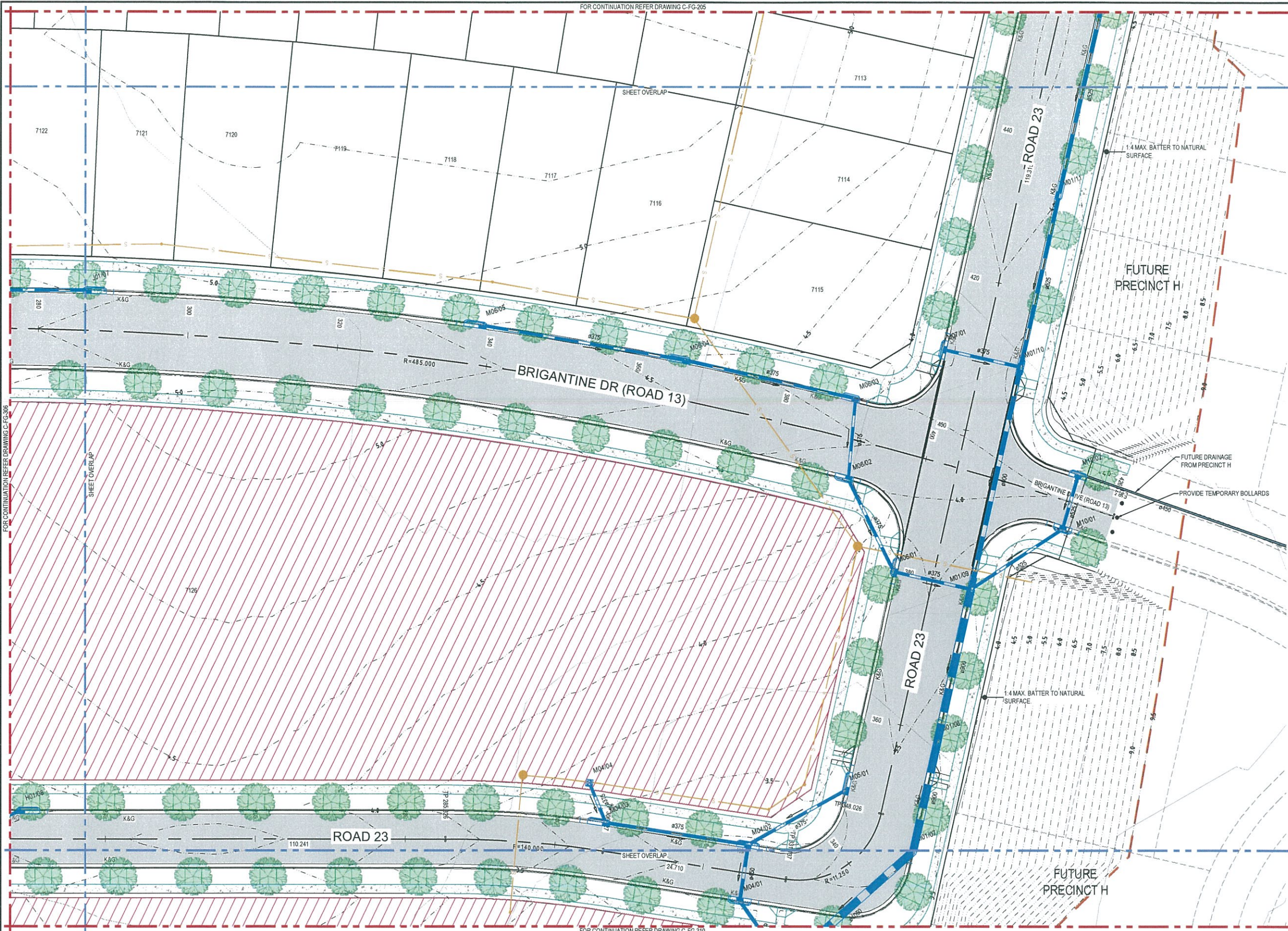
Tel No: +61 2 8907 9000  
Fax No: +61 2 8907 9001  
arcadis.com

Drawing No. C-FG-306 Project No. 10006310 Issue 03



FOR CONTINUATION REFER DRAWING C-FG-205

FOR CONTINUATION REFER DRAWING C-FG-310

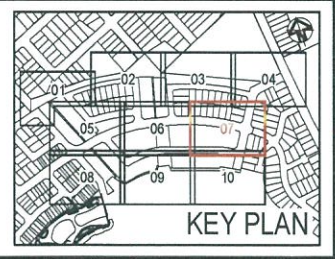
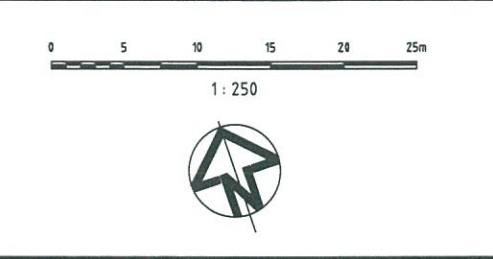


### SITeworks & STORMWATER LEGEND

- 60.0 PROPOSED CONTOURS (0.25m INTERVALS)
- 60.0 EXISTING CONTOURS (0.25m INTERVALS)
- STAGE BOUNDARY / LIMIT OF WORKS
- RW PROPOSED RETAINING WALL
- PART 3A BOUNDARY
- COMMUNITY LAND BOUNDARY
- K&G PROPOSED BARRIER KERB (REFER SCC DETAIL 7B21 SHEET 2)
- MK PROPOSED MEDIAN KERB
- DD PROPOSED DISH DRAIN
- PRAM RAMP (REFER SCC DETAIL 7B21 SHEET 1)
- PROPOSED TREE
- OUTLET WITH ENERGY DISSIPATOR / SCOUR PROTECTION
- PROPOSED STORMWATER DRAINAGE
- EXISTING STORMWATER DRAINAGE
- HYDROCON PIPES
- A06/01 PROPOSED PIT NUMBER
- PROPOSED STORMWATER PIPE / CULVERT
- PROPOSED KERB INLET STORMWATER PIT (REFER CCC DETAIL SD-S06)
- PROPOSED STORMWATER PIT (REFER CCC DETAIL SD-S10)
- PROPOSED GROSS POLLUTANT TRAP
- PROPOSED JELLYFISH
- EXISTING STORMWATER PIPE / CULVERT
- A06/01 EXISTING STORMWATER PIT NAME
- EXISTING KERB INLET PIT
- EXISTING SURFACE INLET PIT
- EXISTING JUNCTION PIT
- PROPOSED SEWER
- APPROX. EXTENT OF PERMANENT WATER IN OVERLAND FLOW CHANNELS (OFC) AND SWALES
- PROPOSED PAVEMENT
- PROPOSED PAVEMENT
- SUPERLOTS HATCH

- NOTES:**
1. REFER TO SHEET 002 FOR GENERAL NOTES.
  2. THE EXISTING SURFACE CONTOURS SHOWN ARE A COMBINATION OF DRONE SURVEY, DESIGN SURFACES FOR ADJACENT PRECINCTS, AND NATURAL SURFACE PROVIDED BY ADVISIAN 13/10/17.
  3. REFER TO LANDSCAPE ARCHITECT FOR PROPOSED LANDSCAPE CONCEPT DESIGN.
  4. LOCATION AND EXTENT OF RETAINING WALLS SUBJECT TO FUTURE DETAILED DESIGN STAGE.
  5. GRADING WITHIN LOTS SUBJECT TO FUTURE DETAILED DESIGN STAGE.
  6. LOCATION OF PRAM RAMP TO BE CONFIRMED AT DETAILED DESIGN STAGE.
  7. LOCATION OF PROPERTY LOT DRIVEWAYS TO BE CONFIRMED AT DETAILED DESIGN STAGE.
  8. SUPERLOTS ARE SUBJECT TO SEPARATE FUTURE DA FOR SUBDIVISION.
  9. REFER TO LANDSCAPE ARCHITECTS FOR FORESHORE DESIGN.
  10. PRECINCT E T-INTERSECTION TO BE CONVERTED TO ROUNDABOUT (FINAL DESIGN SCENARIO), ROUNDABOUT SPLITTER ISLANDS AND ANNULUS TO BE CONSTRUCTED UNDER PRECINCT F & G WORKS.

Issue	Description	Date
02	FINAL ISSUE	13/06/2018
01	ISSUED FOR CLIENT REVIEW	17/05/2018



Client

Status	PRELIMINARY ONLY NOT TO BE USED FOR CONSTRUCTION	
Scale	1:250	Current Issue Signatures
Original Size	A1	Drawn M McDONALD
Height Datum	AHD	Designed G EVERETT
Grid	MGA	Checked
File Name	10006310-nad-CivilWorksAndStormwaterDrainagePlansSheet7.dwg	

Project

**SHELL COVE  
PRECINCT F AND G  
AND WETLAND 08**

Title

**CIVIL WORKS AND  
STORMWATER DRAINAGE PLANS  
SHEET 7**

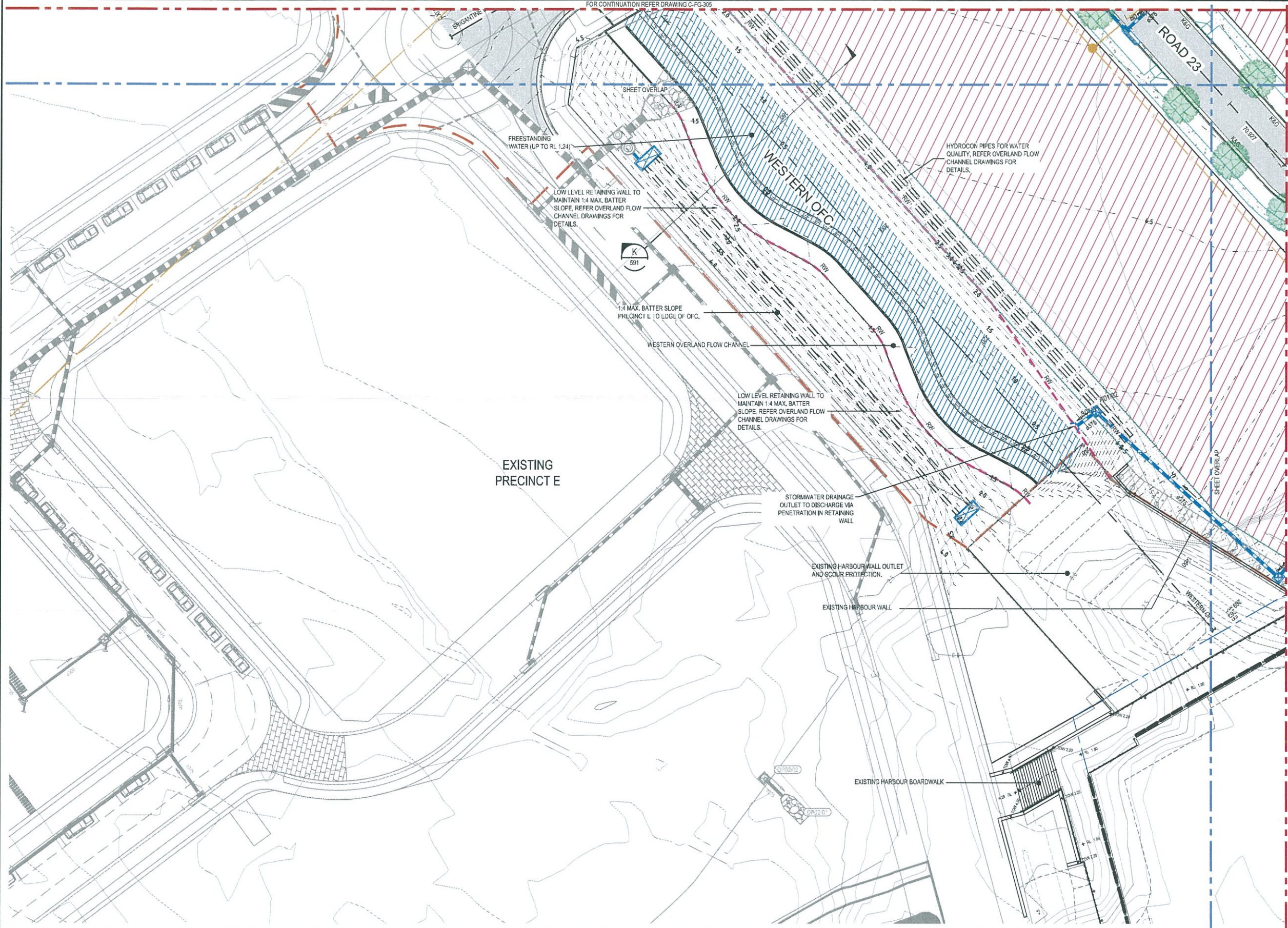
Arcadis Australia Pacific Pty Limited  
Level 16, 580 George Street  
SYDNEY NSW 2000  
ABN 76 104 485 289

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

Drawing No. **C-FG-307** Project No. **10006310** Issue **02**



FOR CONTINUATION REFER DRAWING C-FG-305



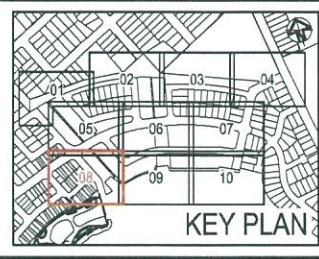
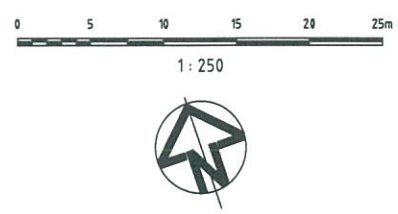
**SITeworks & STORMWATER LEGEND**

- PROPOSED CONTOURS (0.25m INTERVALS)
- EXISTING CONTOURS (0.25m INTERVALS)
- STAGE BOUNDARY/LIMIT OF WORKS
- PROPOSED RETAINING WALL
- PART 3A BOUNDARY
- COMMUNITY LAND BOUNDARY
- PROPOSED BARRIER KERB (REFER SCC DETAIL 7B21 SHEET 2)
- PROPOSED MEDIAN KERB
- PROPOSED DISH DRAIN
- PRAM RAMP (REFER SCC DETAIL 7B21 SHEET 1)
- PROPOSED TREE
- OUTLET WITH ENERGY DISSIPATOR / SCOUR PROTECTION
- PROPOSED STORMWATER DRAINAGE
- EXISTING STORMWATER DRAINAGE
- HYDROCON PIPES
- PROPOSED PIT NUMBER
- PROPOSED STORMWATER PIPE / CULVERT
- PROPOSED KERB INLET STORMWATER PIT (REFER CCC DETAIL SD-S06)
- PROPOSED STORMWATER PIT (REFER CCC DETAIL SD-S10)
- PROPOSED GROSS POLLUTANT TRAP
- PROPOSED JELLYFISH
- EXISTING STORMWATER PIPE / CULVERT
- EXISTING STORMWATER PIT NUMBER
- EXISTING KERB INLET PIT
- EXISTING SURFACE INLET PIT
- EXISTING JUNCTION PIT
- PROPOSED SEWER
- APPROX. EXTENT OF PERMANENT WATER IN OVERLAND FLOW CHANNELS (OFC) AND SWALES
- PROPOSED PAVEMENT
- PROPOSED PAVEMENT
- SUPERLOTS HATCH

**NOTES:**

1. REFER TO SHEET 002 FOR GENERAL NOTES.
2. THE EXISTING SURFACE CONTOURS SHOWN ARE A COMBINATION OF DRONE SURVEY, DESIGN SURFACES FOR ADJACENT PRECINCTS, AND NATURAL SURFACE PROVIDED BY ADVISIAN 13/10/17.
3. REFER TO LANDSCAPE ARCHITECT FOR PROPOSED LANDSCAPE CONCEPT DESIGN.
4. LOCATION AND EXTENT OF RETAINING WALLS SUBJECT TO FUTURE DETAILED DESIGN STAGE.
5. GRADING WITHIN LOTS SUBJECT TO FUTURE DETAILED DESIGN STAGE.
6. LOCATION OF PRAM RAMPS TO BE CONFIRMED AT DETAILED DESIGN STAGE.
7. LOCATION OF PROPERTY LOT DRIVEWAYS TO BE CONFIRMED AT DETAILED DESIGN STAGE.
8. SUPERLOTS ARE SUBJECT TO SEPERATE FUTURE DA FOR SUBDIVISION.
9. REFER TO LANDSCAPE ARCHITECTS FOR FORESHORE DESIGN.
10. PRECINCT E T-INTERSECTION TO BE CONVERTED TO ROUNDABOUT (FINAL DESIGN SCENARIO). ROUNDABOUT SPLITTER ISLANDS AND ANNULUS TO BE CONSTRUCTED UNDER PRECINCT F & G WORKS.

02	FINAL ISSUE	13/06/2018
01	ISSUED FOR CLIENT REVIEW	17/05/2018
Issue	Description	Date



Client

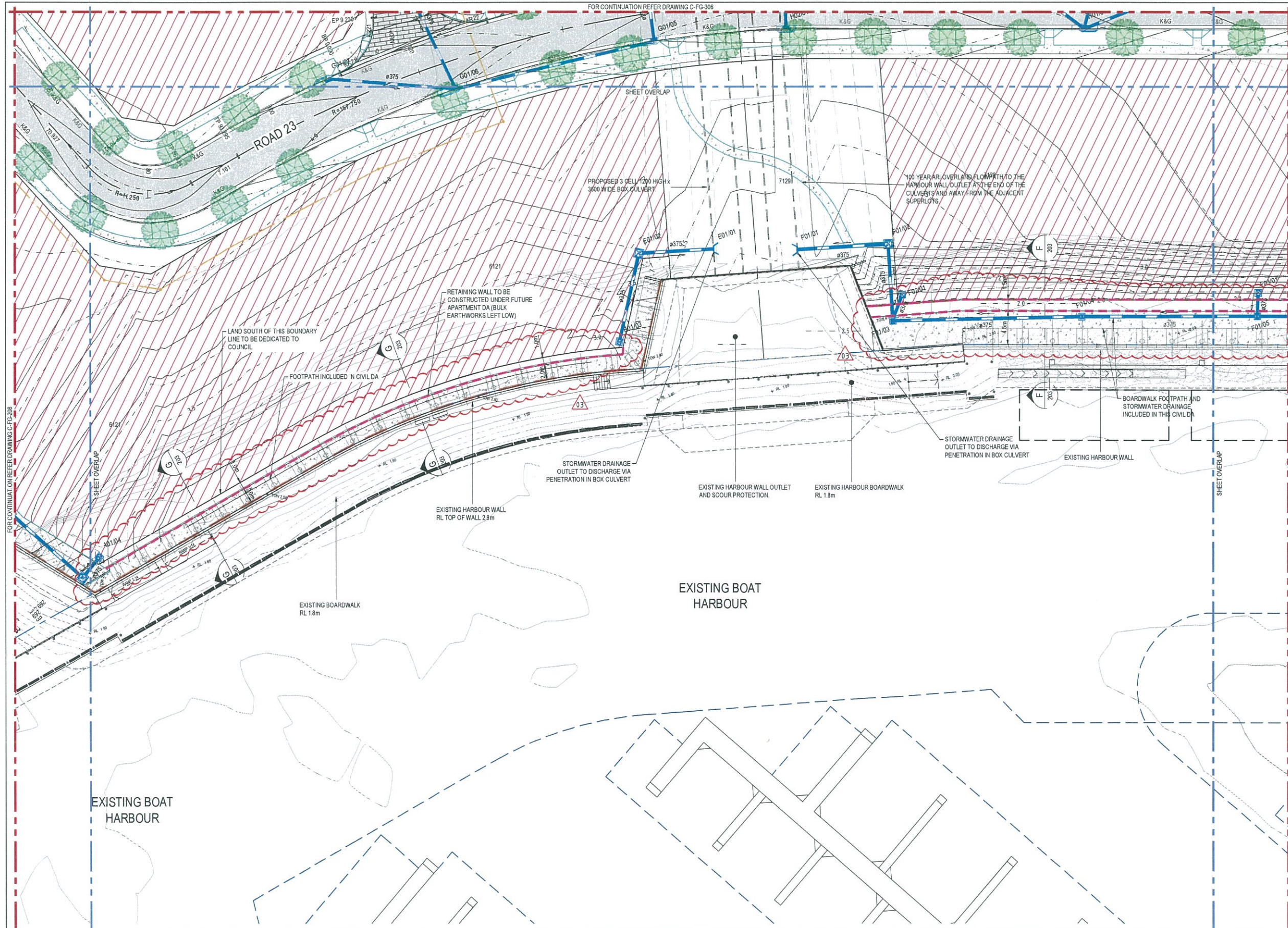
Status	PRELIMINARY ONLY NOT TO BE USED FOR CONSTRUCTION	
Scales	1 : 250	Current Issue Signatures
Original Size	A1	Drawn M McDONALD
Height Datum	AHD	Designed G EVERETT
Grid	MGA	Checked
		Approved

Project	SHELL COVE PRECINCT F AND G AND WETLAND 08
Title	CIVIL WORKS AND STORMWATER DRAINAGE PLANS SHEET 8

Arcadis Australia Pacific Pty Limited  
Level 16, 580 George Street  
SYDNEY NSW 2000  
ABN 76 104 485 289  
Tel No: +61 2 8907 9000  
Fax No: +61 2 8907 9001  
arcadis.com

Drawing No. C-FG-308    Project No. 10006310    Issue 02





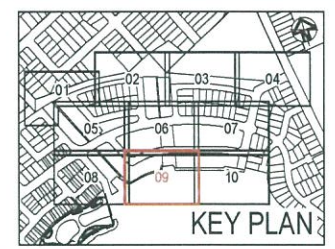
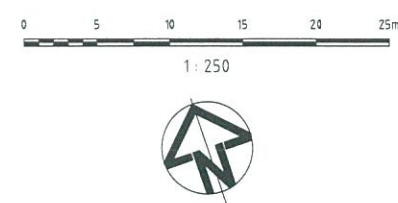
**SITeworks & STORMwater LEGEND**

- PROPOSED CONTOURS (0.25m INTERVALS)
- EXISTING CONTOURS (0.25m INTERVALS)
- STAGE BOUNDARY/LIMIT OF WORKS
- PROPOSED RETAINING WALL
- PART 3A BOUNDARY
- COMMUNITY LAND BOUNDARY
- PROPOSED BARRIER KERB (REFER SCC DETAIL 7B21 SHEET 2)
- PROPOSED MEDIAN KERB
- PROPOSED DISH DRAIN
- PRAM RAMP (REFER SCC DETAIL 7B21 SHEET 1)
- PROPOSED TREE
- OUTLET WITH ENERGY DISSIPATOR / SCOUR PROTECTION
- PROPOSED STORMWATER DRAINAGE
- EXISTING STORMWATER DRAINAGE
- HYDROCON PIPES
- PROPOSED PIT NUMBER
- PROPOSED STORMWATER PIPE / CULVERT
- PROPOSED KERB INLET STORMWATER PIT (REFER CCC DETAIL SD-S06)
- PROPOSED STORMWATER PIT (REFER CCC DETAIL SD-S10)
- PROPOSED GROSS POLLUTANT TRAP
- PROPOSED JELLYFISH
- EXISTING STORMWATER PIPE / CULVERT
- EXISTING STORMWATER PIT NAME
- EXISTING KERB INLET PIT
- EXISTING SURFACE INLET PIT
- EXISTING JUNCTION PIT
- PROPOSED SEWER
- APPROX. EXTENT OF PERMANENT WATER IN OVERLAND FLOW CHANNELS (OFC) AND SWALES
- PROPOSED PAVEMENT
- PROPOSED PAVEMENT
- SUPERLOTS HATCH

**NOTES:**

1. REFER TO SHEET 002 FOR GENERAL NOTES.
2. THE EXISTING SURFACE CONTOURS SHOWN ARE A COMBINATION OF DRONE SURVEY, DESIGN SURFACES FOR ADJACENT PRECINCTS, AND NATURAL SURFACE PROVIDED BY ADVISIAN 13/10/17.
3. REFER TO LANDSCAPE ARCHITECT FOR PROPOSED LANDSCAPE CONCEPT DESIGN.
4. LOCATION AND EXTENT OF RETAINING WALLS SUBJECT TO FUTURE DETAILED DESIGN STAGE.
5. GRADING WITHIN LOTS SUBJECT TO FUTURE DETAILED DESIGN STAGE.
6. LOCATION OF PRAM RAMP TO BE CONFIRMED AT DETAILED DESIGN STAGE.
7. LOCATION OF PROPERTY LOT DRIVEWAYS TO BE CONFIRMED AT DETAILED DESIGN STAGE.
8. SUPERLOTS ARE SUBJECT TO SEPERATE FUTURE DA FOR SUBDIVISION.
9. REFER TO LANDSCAPE ARCHITECTS FOR FORESHORE DESIGN.
10. PRECINCT E T-INTERSECTION TO BE CONVERTED TO ROUNDABOUT (FINAL DESIGN SCENARIO). ROUNDABOUT SPLITTER ISLANDS AND ANNULUS TO BE CONSTRUCTED UNDER PRECINCT F & G WORKS.

03	ADDRESS COUNCIL'S COMMENTS	7/02/2019
02	FINAL ISSUE	13/06/2018
01	ISSUED FOR CLIENT REVIEW	17/05/2018
Issue	Description	Date



Client

Status		PRELIMINARY ONLY NOT TO BE USED FOR CONSTRUCTION	
Scales	1: 250	Current Issue Signatures	
Original Size	A1	Drawn	M.McDONALD
Height Datum	AHD	Designed	G.EVERETT
Grid	MGA	Checked	
		Approved	

Project

**SHELL COVE  
PRECINCT F AND G  
AND WETLAND 08**

Title

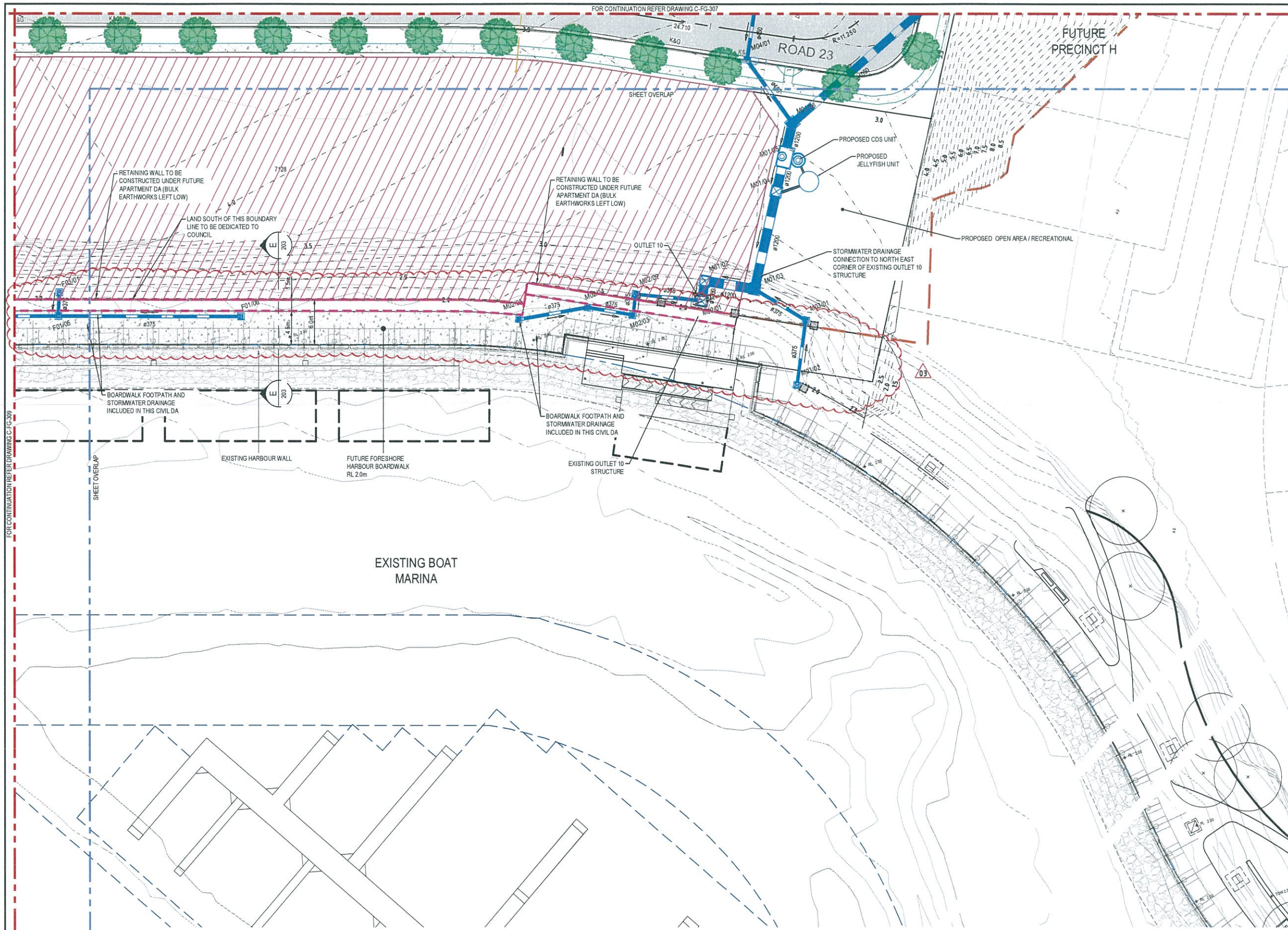
**CIVIL WORKS AND  
STORMWATER DRAINAGE PLANS  
SHEET 9**

Arcadis Australia Pacific Pty Limited  
Level 16, 580 George Street  
SYDNEY NSW 2000  
ABN 76 104 485 289

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

Drawing No. **C-FG-309** Project No. **10006310** Issue **03**





### SITeworks & STORMWATER LEGEND

- 60.0 PROPOSED CONTOURS (0.25m INTERVALS)
- 60.0 EXISTING CONTOURS (0.25m INTERVALS)
- STAGE BOUNDARY / LIMIT OF WORKS
- PROPOSED RETAINING WALL
- PART 3A BOUNDARY
- COMMUNITY LAND BOUNDARY
- K&G PROPOSED BARRIER KERB (REFER SCC DETAIL 7B21 SHEET 2)
- MK PROPOSED MEDIAN KERB
- DD PROPOSED DISH DRAIN
- PRAM RAMP (REFER SCC DETAIL 7B21 SHEET 1)
- PROPOSED TREE
- OUTLET WITH ENERGY DISSIPATOR / SCOUR PROTECTION
- PROPOSED STORMWATER DRAINAGE
- EXISTING STORMWATER DRAINAGE
- HYDROCON PIPES
- PROPOSED PIT NUMBER
- PROPOSED STORMWATER PIPE / CULVERT
- PROPOSED KERB INLET STORMWATER PIT (REFER CCC DETAIL SD-S06)
- PROPOSED STORMWATER PIT (REFER CCC DETAIL SD-S10)
- PROPOSED GROSS POLLUTANT TRAP
- PROPOSED JELLYFISH
- EXISTING STORMWATER PIPE / CULVERT
- EXISTING STORMWATER PIT NAME
- EXISTING KERB INLET PIT
- EXISTING SURFACE INLET PIT
- EXISTING JUNCTION PIT
- PROPOSED SEWER
- APPROX. EXTENT OF PERMANENT WATER IN OVERLAND FLOW CHANNELS (OFC) AND SWALES
- PROPOSED PAVEMENT
- PROPOSED PAVEMENT
- SUPERLOTS HATCH

- ### NOTES:
1. REFER TO SHEET 002 FOR GENERAL NOTES.
  2. THE EXISTING SURFACE CONTOURS SHOWN ARE A COMBINATION OF DRONE SURVEY, DESIGN SURFACES FOR ADJACENT PRECINCTS, AND NATURAL SURFACES PROVIDED BY ADVISIAN 13/01/17.
  3. REFER TO LANDSCAPE ARCHITECT FOR PROPOSED LANDSCAPE CONCEPT DESIGN.
  4. LOCATION AND EXTENT OF RETAINING WALLS SUBJECT TO FUTURE DETAILED DESIGN STAGE.
  5. GRADING WITHIN LOTS SUBJECT TO FUTURE DETAILED DESIGN STAGE.
  6. LOCATION OF PRAM RAMPs TO BE CONFIRMED AT DETAILED DESIGN STAGE.
  7. LOCATION OF PROPERTY LOT DRIVEWAYS TO BE CONFIRMED AT DETAILED DESIGN STAGE.
  8. SUPERLOTS ARE SUBJECT TO SEPARATE FUTURE DA FOR SUBDIVISION.
  9. REFER TO LANDSCAPE ARCHITECTS FOR FRESHWATER DESIGN.
  10. PRECINCT E T-INTERSECTION TO BE CONVERTED TO ROUNDABOUT (FINAL DESIGN SCENARIO), ROUNDABOUT SPLITTER ISLANDS AND ANNULUS TO BE CONSTRUCTED UNDER PRECINCT F & G WORKS.

Issue	Description	Date
03	ADDRESS COUNCIL'S COMMENTS	7/02/2019
02	FINAL ISSUE	13/06/2018
01	ISSUED FOR CLIENT REVIEW	17/05/2018

1 : 250

KEY PLAN

Client

Status <b>PRELIMINARY ONLY</b> NOT TO BE USED FOR CONSTRUCTION	
Scales	1 : 250
Original Size	A1
Height Datum	AHD
Gnd	MGA
Current Issue Signatures	
Drawn	M.McDONALD
Designed	G.EVERETT
Checked	
Approved	

Project

**SHELL COVE  
PRECINCT F AND G  
AND WETLAND 08**

Title

**CIVIL WORKS AND  
STORMWATER DRAINAGE PLANS  
SHEET 10**

Arcadis Australia Pacific Pty Limited  
Level 16, 580 George Street  
SYDNEY NSW 2000  
ABN 76 104 485 289

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

Drawing No. **C-FG-310** Project No. **10006310** Issue **03**