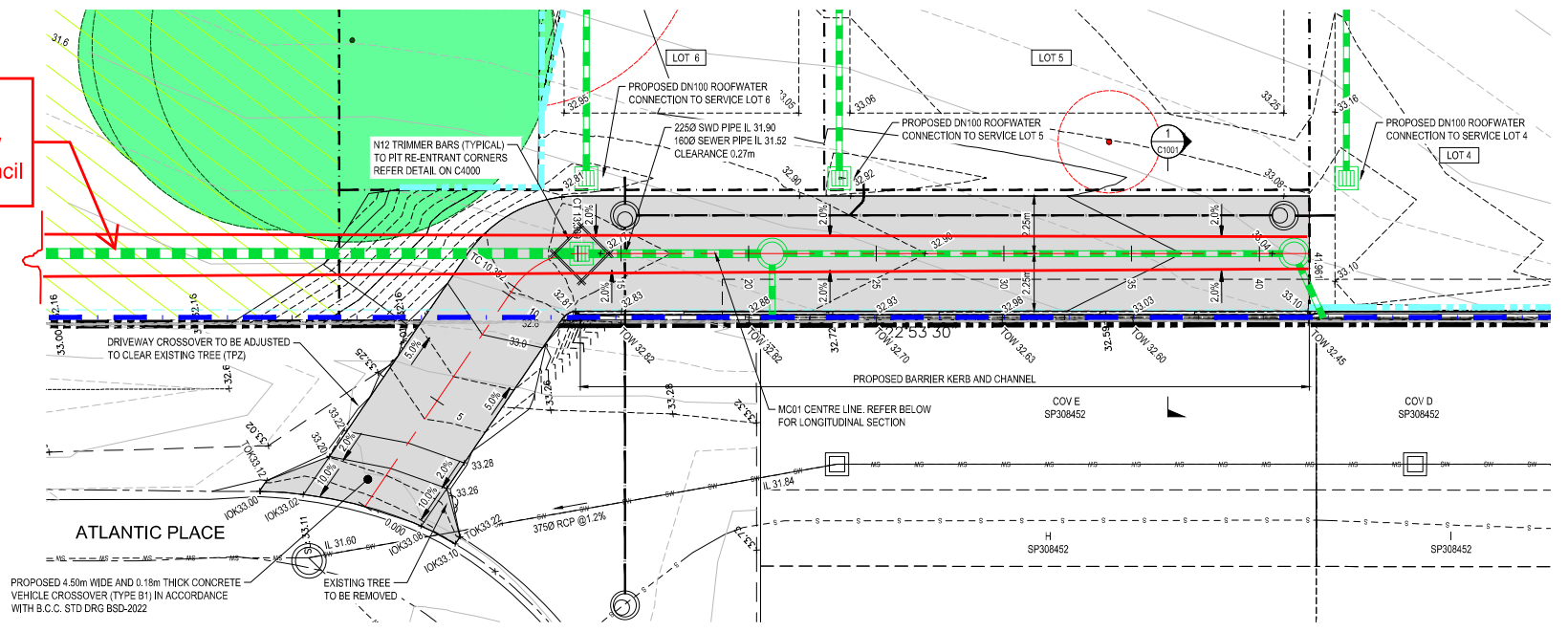


BCC DS RECEIVED 21/12/2025 APPLICATION REF A00626173

BCC DS RECEIVED 23/01/2026 APPLICATION REF A00626140

- LEGEND**
- 30.0 — EXISTING SURFACE CONTOURS
 - S-S- EXISTING SEWER
 - W-W- EXISTING WATER
 - O4-O4- EXISTING OVERHEAD ELECTRIC
 - SW-SW- EXISTING STORMWATER
 - EXISTING RETAINING WALL
 - EXISTING BUILDING
 - EXISTING EDGE OF BITUMENT
 - EXISTING TREES TO REMAIN
 - DEVELOPMENT SITE BOUNDARY
 - 30.0 — PROPOSED LOT BOUNDARY
 - 30.0 — DESIGN SURFACE CONTOURS
 - S — PROPOSED SEWER AND MANHOLE
 - PROPOSED SLEEPER RETAINING WALL
 - PROPOSED MOUNTABLE PROPOSED KERB (TYPE D)
 - PROPOSED DEVELOPMENT FOOTPRINT
 - PROPOSED COVENANTS (BUSHFIRE PROTECTION ZONE)
 - PROPOSED DRIVEWAY PAVEMENT

0.9m wide easement for underground SW in favour of Council



RPEQ Engineer to ensure all works meet Councils standards for safety prior to On-Maintenance by Council. All rectification works that may be necessary for On-Maintenance are to be in accordance with Councils guidelines and standards.

Neighbouring Property Consent

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[This includes for any works for: built to boundary walls; any construction (retaining walls) within neighbouring buildings structural zones, boundary fences; temporary rock anchoring; or crane overalls.]

Additional BCC Permits

Obtain all relevant BCC Permits or Certificates of Assessment as may be required by the conditions of the Development Permit or BCC Local Laws, including:

- Temporary Lane / Road Closures
- Permit to Occupy Road (Work Zones)
- Permit to Work on Council Property

VEGETATION MANAGEMENT:
 REFER TO APPROVED ENVIRONMENTAL REPORT AND PLANS FOR VEGETATION MANAGEMENT PLANS.

NOTE:
 ALL DESIGN/SETOUT INFORMATION SHOWN ON THIS DRAWING IS AVAILABLE IN DIGITAL FORMAT FROM THE OFFICE OF THE SUPERINTENDENT UPON REQUEST BY THE CONTRACTOR.

WARNING: UNDERGROUND SERVICES:
 UNDERGROUND SERVICES EXIST IN THIS VICINITY. THE CONTRACTOR IS TO CONTACT THE RELEVANT AUTHORITIES TO CONFIRM EXACT LOCATION OF SERVICES ON SITE PRIOR TO ANY EXCAVATION OR CONSTRUCTION COMMENCING.

AMENDED IN RED
 23/01/2026

THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO THE EXISTING KERB AND CHANNEL, FOOTPATH OR ROADWAY (INCLUDING REMOVAL OF CONCRETE SLURRY FROM FOOTWAYS, ROADS, KERB AND CHANNEL, STORMWATER GULLIES AND DRAINLINES) AND RE-INSTATE EXISTING TRAFFIC SIGNS AND PAVEMENT MARKINGS THAT HAVE BEEN REMOVED OR DAMAGED DURING ANY WORKS CARRIED OUT IN ASSOCIATION WITH THE APPROVED DEVELOPMENT.

EXISTING SURFACE		DESIGN SURFACE		SITE BOUNDARY	
EXISTING UP OF KERB				LOT BOUNDARY	
DATUM R.L. 30.00					
GRADE	10.00 %	2.00 %	-5.00 %		1.00 %
LENGTH					
HORIZONTAL ALIMNT					
ARC LENGTHS		TAN 10.392	ARC 2.917		TAN 28.652
CUT/FILL	-0.002	-0.002	0.002	-0.138	0.911
DESIGN CENTRELINE	33.053	33.233	33.257	33.157	32.907
NATURAL SURFACE	33.055	33.213	33.255	33.285	32.886
CHAINAGE	0.000	1.800	3.000	5.000	10.000
					10.392
					12.947
					13.309
					15.000
					20.000
					25.000
					30.000
					35.000
					40.000
					41.961

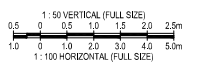
DRIVEWAY (LOTS 4-6) LONGITUDINAL SECTION

APPROVED PLAN
 Brisbane City Council
 23/01/2026

APPROVED PLAN ONLY REFERS TO:

- Earthworks
- Stormwater
- Roadworks
- Traffic Functional Layout
- Traffic Signals
- Construction Management Plan
- WSUD Device(s)
- Signs and Linemarking

Other:



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REV.	DESCRIPTION	DATE
B	RFI RESPONSE	19/12/25
A	ORIGINAL ISSUE	25-05-25

BURCHILLS ENGINEERING SOLUTIONS

GOLD COAST | BRISBANE | TOOWOOMBA
 IPSWICH | MORETON BAY
 PHONE: +61 7 5509 6400
 FAX: +61 7 5509 6411
 EMAIL: ADMIN@BURCHILLS.COM.AU
 GOOTE BURCHILLS ENGINEERING PTY LTD
 ABN 76 186 942 365

CLIENT: PLR UNIT TRUST

DRAWING TITLE: ROADWORKS & DRAINAGE LAYOUT PLAN

PROJECT: PROPOSED RECONFIGURATION CREATING LOTS 1 - 6 & COMMON PROPERTY 51 DEVRIES RD, PALLARA QLD 4110

FOR APPROVAL

SCALE AT FULL SIZE (A1): 1:100 (FULL SIZE)

DEVEL. APPLIC. No.: DATE: 20-05-25

PROJECT LEADER: ROBERTO DI FABIO DESIGNER: HC

DRAFTSPERSON: HC CHECKED: ADAM COOPER

APPROVED FOR AND ON BEHALF OF BURCHILLS ENGINEERING SOLUTIONS ABN 76 186 942 365

DATE: 21/12/2025 RPEQ 31479

PROJECT No.: BE240683-01 DRAWING No.: C3101 VERSION: B



DESIGNED ON-SITE DETENTION STORAGE
ON-SITE DETENTION STORAGE GENERALLY IN ACCORDANCE WITH
STORMWATER CONSULTING'S 'SITE-BASED STORMWATER
MANAGEMENT PLAN' REPORT J9960 C1.0.

- LEGEND**
- EXISTING LOT BOUNDARY
 - 30.0 EXISTING SURFACE CONTOURS
 - s- EXISTING SEWER
 - w- EXISTING WATER
 - OH- EXISTING OVERHEAD ELECTRIC
 - SW- EXISTING STORMWATER
 - EXISTING RETAINING WALL
 - EXISTING BUILDING
 - EXISTING EDGE OF BITUMENT
 - EXISTING TREES TO REMAIN
 - EXISTING TREES TO BE REMOVED
 - DEVELOPMENT SITE BOUNDARY
 - PROPOSED LOT BOUNDARY
 - 30.0 DESIGN SURFACE CONTOURS
 - PROPOSED SLEEPER RETAINING WALL
 - PROPOSED DEVELOPMENT FOOTPRINT
 - BCC MAPPED WATERWAY CENTRELINE
 - PROPOSED CATCHMENT BOUNDARY
 - PROPOSED STORMWATER PIPE
 - PROPOSED STORMWATER PIT
 - PROPOSED STORMWATER MANHOLE
 - PROPOSED STORMWATER STRUCTURE NUMBER
 - PROPOSED STORMWATER CATCHMENT NUMBER
 - PROPOSED COVENANTS (BUSHFIRE PROTECTION ZONE)

NOTE:
CATCHMENT NUMBERS SHOWN CORRESPOND WITH
INLET STRUCTURE NO'S AS SHOWN ON
STORMWATER DRAINAGE LAYOUT PLANS.

VEGETATION MANAGEMENT:
REFER TO APPROVED ENVIRONMENTAL REPORT AND PLANS
FOR VEGETATION MANAGEMENT PLANS.

CATCHMENT TABLE	
CATCHMENT NAME	CATCHMENT AREA (ha)
1/1	0.0190
2/1	0.0136
3/1	0.0254
1/3	0.0530
1/2	0.0563
1/3	0.0516
1/4	0.0262
1/5	0.0490
1/6	0.0869
1/7	0.0473
1/8	0.0544
1/9	0.0439

UPSLOPE CATCHMENT NUISANCE RUNOFF
ENGINEERING PLANS (APPROVED APPLICATION A004921824) PRODUCED BY PREMISE DETAILING
THE DRAINAGE SYSTEM IN LOTS 99 AND 100 ON SP308452 HAVE BEEN UTILISED TO DETERMINE
ADDITIONAL (NUISANCE) STORMWATER RUNOFF DISCHARGING ONTO PROPOSED DEVELOPMENT
SITE DURING A MAJOR 1% AEP EVENT.

CATCHMENT 1/1 RUNOFF

FLOW	FLOW
FLOW BYPASSING PIT 1/R1 (1% AEP MINOR EVENT)	0.034m/s
FLOW BYPASSING PIT 2/R1 (1% AEP MINOR EVENT)	0.050m/s
CATCHMENT 1/1 = CIA/360 = 0.84 x 306 x 0.019/360 (1% AEP MINOR EVENT)	0.014m/s
TOTAL STORMWATER RUNOFF FROM CATCHMENT 1/1	0.098m/s

CATCHMENT 2/1 RUNOFF

FLOW	FLOW
FLOW BYPASSING PIT 3/R1 (1% AEP MINOR EVENT)	0.071m/s
CATCHMENT 2/1 = CIA/360 = 0.84 x 306 x 0.014/360 (1% AEP MINOR)	
TOTAL STORMWATER RUNOFF FROM CATCHMENT 1/1	

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Temporary Lane / Road Closures
Permit to Occupy Road (Work Zones)
Permit to Work on Council Property

0.9m wide easement for underground SW in favour of Council

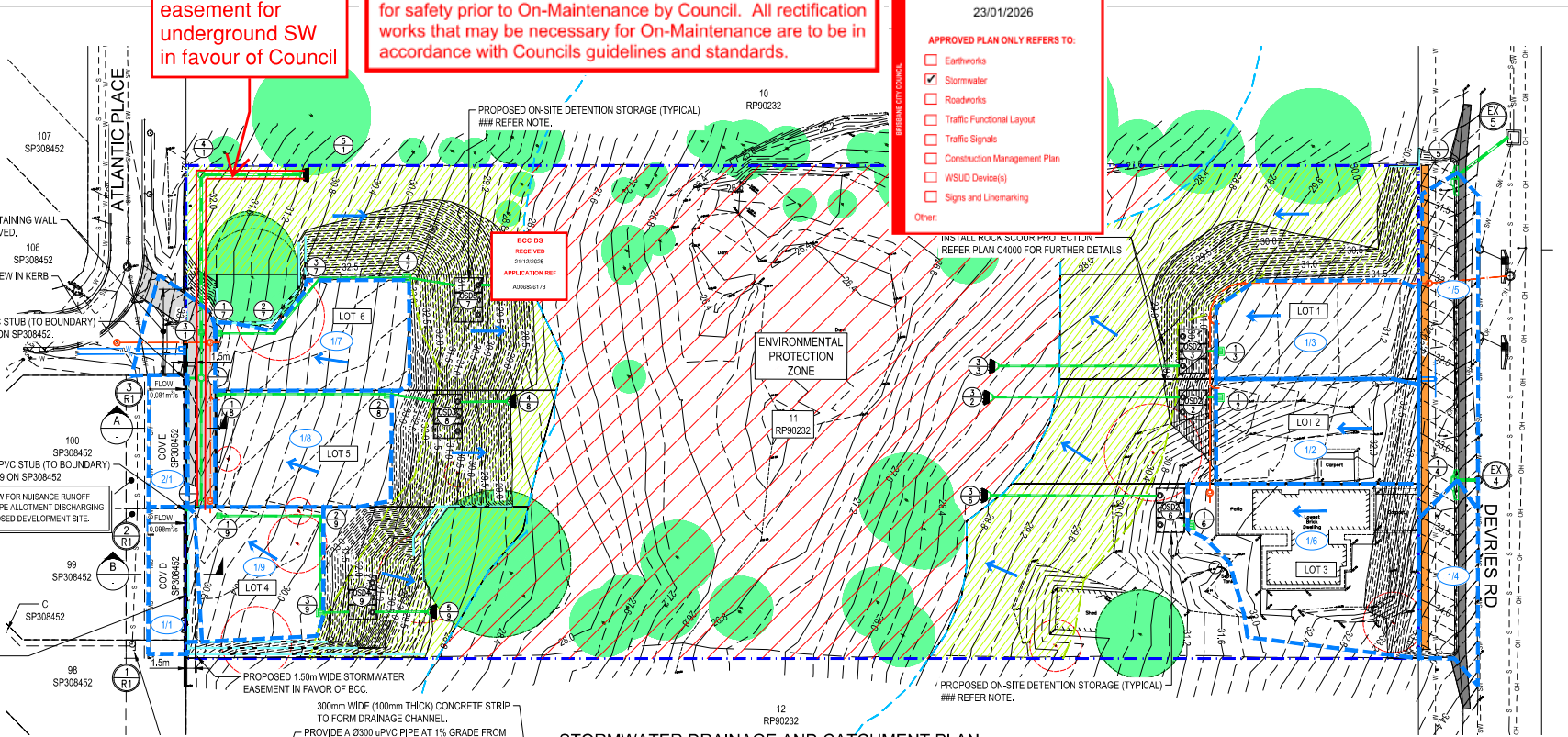
RPEQ Engineer to ensure all works meet Councils standards for safety prior to On-Maintenance by Council. All rectification works that may be necessary for On-Maintenance are to be in accordance with Councils guidelines and standards.

APPROVED PLAN
Brisbane City Council
23/01/2026

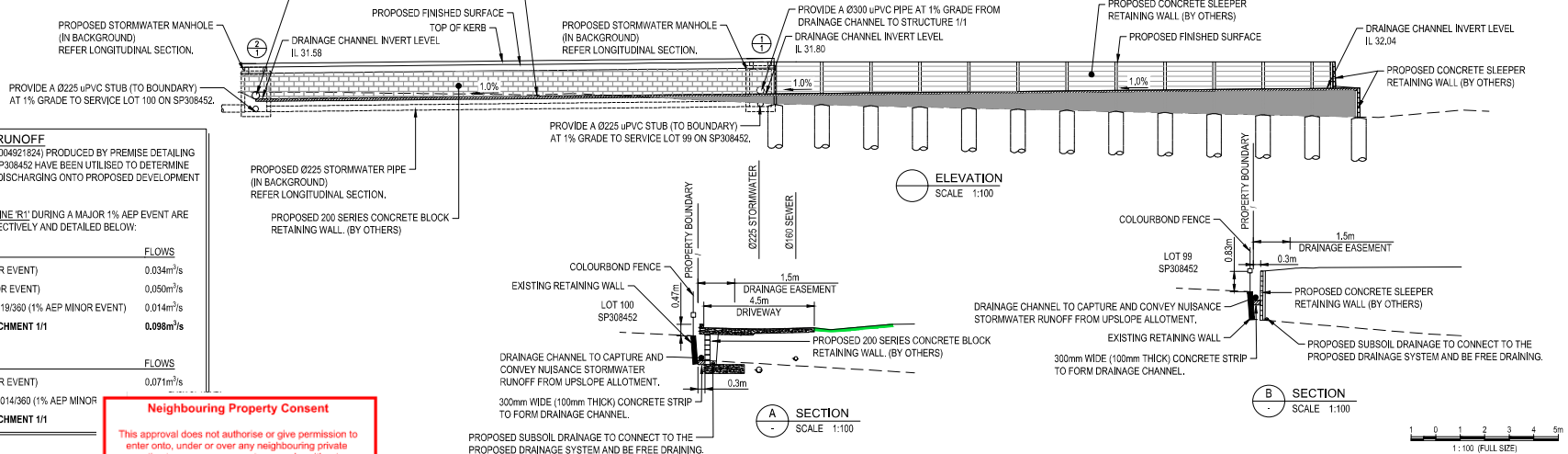
APPROVED PLAN ONLY REFERS TO:

- Earthworks
- Stormwater
- Roadworks
- Traffic Functional Layout
- Traffic Signals
- Construction Management Plan
- WSUD Devices
- Signs and Liningmarking

Other:



STORMWATER DRAINAGE AND CATCHMENT PLAN



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VER.	DESCRIPTION	DATE
D	RF1 RESPONSE	19-12-25
C	DEVRIES ROAD VERGE AT CH0.00 REVISED	25-09-25
B	RF1 RESPONSE	09-09-25
A	ORIGINAL ISSUE	25-05-25

DRAWING TITLE:
STORMWATER DRAINAGE AND CATCHMENT PLAN

PROJECT:
PROPOSED RECONFIGURATION CREATING LOTS 1 - 6 & COMMON PROPERTY 51 DEVRIES RD, PALLARA QLD 4110

FOR APPROVAL

SCALE AT FULL SIZE (A1):
1:400 (FULL SIZE)

DEVL. APPLIC. No.:	DATE: 19-12-25
PROJECT LEADER - ROBERTO DI FAVID	DESIGNER: HC
DRAFTSPERSON: HC	CHECKED: ADAM COOPER
APPROVED FOR AND ON BEHALF OF BUCHILLS ENGINEERING SOLUTIONS ABN 76 166 942 385	
DATE: 21/12/2025	RPEQ 31479
PROJECT No. BE240683-01	DRAWING No. C4010
	VERSION: D

AMENDED IN RED
23/01/2026

PLR UNIT TRUST

APPROVED PLAN ONLY REFERS TO:

- Earthworks
- Stormwater
- Roadworks
- Traffic Functional Layout
- Traffic Signals
- Construction Management Plan
- WSUD Device(s)
- Signs and Linemarking

Other:

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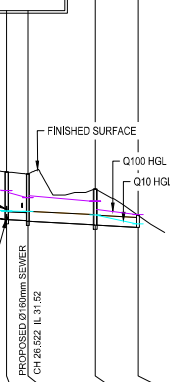
BCC DS RECEIVED 2/10/2025 APPLICATION REF A00823440

STRUCTURE NAME	1/1	2/1	3/1	4/1	5/1
STRUCTURE DESCRIPTION	BCC Ø1050 MANHOLE WITH CLASS CLID REFER BCC STD DRG. BSD-8023	BCC Ø1050 MANHOLE WITH CLASS CLID REFER BCC STD DRG. BSD-8023	BCC Ø900 X 800 (TYPE 1) FIELD INLET WITH CLASS D GRATE (FLUSH) REFER BCC STD DRG. BSD-8091	BCC Ø1050 MANHOLE WITH CLASS RLID REFER BCC STD DRG. BSD-8023	HEADWALL

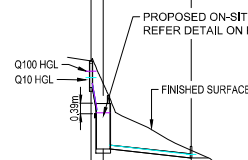
DESIGNED OF ON-SITE DETENTION STORAGE ON-SITE DETENTION STORAGE GENERALLY IN ACCORDANCE WITH STORMWATER CONSULTING'S SITE-BASED STORMWATER MANAGEMENT PLAN REPORT J9960 C1.0.

BCC DS RECEIVED 2/10/2025 APPLICATION REF A00826172

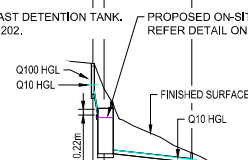
PROVIDE A Ø300 uPVC PIPE AT 1% GRADE FROM DRAINAGE CHANNEL TO STRUCTURE.
PROVIDE A Ø225 uPVC STUB (TO BOUNDARY) AT 1% GRADE TO SERVICE LOT 99 ON SP308452.
PROVIDE A Ø225 uPVC STUB (TO BOUNDARY) AT 1% GRADE TO SERVICE LOT 100 ON SP308452.



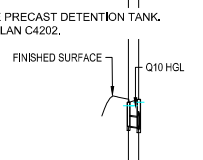
STRUCTURE NAME	1/2	OSD/2/2	3/2
STRUCTURE DESCRIPTION	BCC Ø900 X 800 (TYPE 1) FIELD INLET WITH CLASS D GRATE (FLUSH) REFER BCC STD DRG. BSD-8091	ON-SITE DETENTION TANK (PRE-CAST) WITH CLASS D GRATE (FLUSH) BY AUSTRALIAN TANKS	HEADWALL



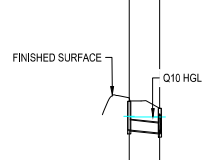
STRUCTURE NAME	1/3	OSD/2/3	3/3
STRUCTURE DESCRIPTION	BCC Ø900 X 800 (TYPE 1) FIELD INLET WITH CLASS D GRATE (FLUSH) REFER BCC STD DRG. BSD-8091	ON-SITE DETENTION TANK (PRE-CAST) 3 No. 15 KL TANKS (45KL TANK STORAGE) BY AUSTRALIAN TANKS	HEADWALL



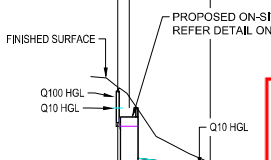
STRUCTURE NAME	1/4	EX/1/EX
STRUCTURE DESCRIPTION	BCC TYPE A GULLY INLET PIT (LLI) WITH UNTEL TYPE 'S' REFER BCC STD DRG. BSD-8051	EXISTING MANHOLE



STRUCTURE NAME	1/5	EX/5
STRUCTURE DESCRIPTION	BCC TYPE A GULLY INLET PIT (LLI) WITH CLASS D GRATE (FLUSH) REFER BCC STD DRG. BSD-8051	EXISTING PIT



STRUCTURE NAME	1/6	OSD/2/6	3/6
STRUCTURE DESCRIPTION	BCC Ø900 X 800 (TYPE 1) FIELD INLET WITH CLASS D GRATE (FLUSH) REFER BCC STD DRG. BSD-8091	ON-SITE DETENTION TANK (PRE-CAST) 3 No. 15 KL TANKS (45KL TANK STORAGE) BY AUSTRALIAN TANKS	HEADWALL



PIPE SIZE (mm)	300	300	375	375
PIPE CLASS	uPVC	uPVC	uPVC	uPVC
PIPE GRADE (%)	1.01%	0.51%	0.50%	0.50%
PIPE SLOPE (1 in X)	96.3	194.6	200.0	200.0
PIPE FLOW (cumecs)	0.011	0.022	0.031	0.030
CAPACITY FLOW (cumecs)	0.115	0.082	0.147	0.124
FULL PIPE VELOCITY (m/s)	0.28	0.31	0.28	0.28
NORMAL DEPTH VELOCITY (m/s)	1.06	0.98	1.05	0.93
DATUM RL	16,000			
HGL ELEVATION				
DEPTH TO INVERT				
INVERT LEVEL OF DRAIN				
DESIGN (& EXISTING) SURFACE LEVEL				
SETOUT COORDINATES				
CHAINAGE				

PIPE SIZE (mm)	150	150
PIPE CLASS	uPVC	uPVC
PIPE GRADE (%)	20.00%	1.00%
PIPE SLOPE (1 in X)	5.0	100.0
PIPE FLOW (cumecs)	0.019	REFER NOTE
CAPACITY FLOW (cumecs)	0.088	0.015
FULL PIPE VELOCITY (m/s)	1.07	1.07
NORMAL DEPTH VELOCITY (m/s)	3.30	1.07
DATUM RL	13,000	
HGL ELEVATION		
DEPTH TO INVERT		
INVERT LEVEL OF DRAIN		
DESIGN (& EXISTING) SURFACE LEVEL		
SETOUT COORDINATES		
CHAINAGE		

PIPE SIZE (mm)	150	150
PIPE CLASS	uPVC	uPVC
PIPE GRADE (%)	20.00%	1.00%
PIPE SLOPE (1 in X)	5.0	99.8
PIPE FLOW (cumecs)	0.017	REFER NOTE
CAPACITY FLOW (cumecs)	0.058	0.015
FULL PIPE VELOCITY (m/s)	0.98	0.98
NORMAL DEPTH VELOCITY (m/s)	3.32	0.98
DATUM RL	13,000	
HGL ELEVATION		
DEPTH TO INVERT		
INVERT LEVEL OF DRAIN		
DESIGN (& EXISTING) SURFACE LEVEL		
SETOUT COORDINATES		
CHAINAGE		

PIPE SIZE (mm)	375
PIPE CLASS	3
PIPE GRADE (%)	1.00%
PIPE SLOPE (1 in X)	100.0
PIPE FLOW (cumecs)	0.009
CAPACITY FLOW (cumecs)	0.175
FULL PIPE VELOCITY (m/s)	0.08
NORMAL DEPTH VELOCITY (m/s)	0.83
DATUM RL	16,000
HGL ELEVATION	
DEPTH TO INVERT	
INVERT LEVEL OF DRAIN	
DESIGN (& EXISTING) SURFACE LEVEL	
SETOUT COORDINATES	
CHAINAGE	

PIPE SIZE (mm)	375
PIPE CLASS	3
PIPE GRADE (%)	0.99%
PIPE SLOPE (1 in X)	100.6
PIPE FLOW (cumecs)	0.021
CAPACITY FLOW (cumecs)	0.040
FULL PIPE VELOCITY (m/s)	0.19
NORMAL DEPTH VELOCITY (m/s)	1.85
DATUM RL	14,000
HGL ELEVATION	
DEPTH TO INVERT	
INVERT LEVEL OF DRAIN	
DESIGN (& EXISTING) SURFACE LEVEL	
SETOUT COORDINATES	
CHAINAGE	

PIPE SIZE (mm)	150	150
PIPE CLASS	uPVC	uPVC
PIPE GRADE (%)	6.94%	1.00%
PIPE SLOPE (1 in X)	14.4	99.8
PIPE FLOW (cumecs)	0.029	REFER NOTE
CAPACITY FLOW (cumecs)	0.040	0.015
FULL PIPE VELOCITY (m/s)	1.65	1.65
NORMAL DEPTH VELOCITY (m/s)	2.48	1.65
DATUM RL	14,000	
HGL ELEVATION		
DEPTH TO INVERT		
INVERT LEVEL OF DRAIN		
DESIGN (& EXISTING) SURFACE LEVEL		
SETOUT COORDINATES		
CHAINAGE		

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VER.	DESCRIPTION	DATE
C	RFI RESPONSE	16-12-25
B	RFI RESPONSE	06-06-25
A	ORIGINAL ISSUE	26-05-25

BURCHILLS ENGINEERING SOLUTIONS
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 IPSWICH | MORETON BAY
 PHONE: +61 7 5509 6400
 FAX: +61 7 5509 6411
 EMAIL: ADMIN@BURCHILLS.COM.AU
 COOPE Burchills Engineering Pty Ltd
 ABN 76 166 942 365

CLIENT: PLR UNIT TRUST

DRAWING TITLE: STORMWATER LONGITUDINAL SECTION SHEET 1 OF 2
 RPEQ Engineer to ensure all works meet Councils standards for safety prior to On-Maintenance by Council. All rectification works that may be necessary for On-Maintenance are to be in accordance with Councils guidelines and standards.

FOR APPROVAL
 SCALE AT FULL SIZE (A1):
 1:100 VERTICAL (FULL SIZE)
 1:1000 HORIZONTAL (FULL SIZE)

DEVEL APPLIC. No.:	DATE:	19-12-25
PROJECT LEADER: ROBERTO DI FABIO	DESIGNER:	HC
DRAFTSPERSON: HC	CHECKED:	ADAM COOPER
APPROVED FOR AND ON BEHALF OF Burchills Engineering Solutions ABN 76 166 942 365		
DATE: 21/12/2025	RPEQ 31479	
PROJECT No.:	DRAWING No.:	VERSION:
BE240683-01	C4201	C

STRUCTURE NAME	1/7	2/7	3/7	4/7	OSD/7	6/7
STRUCTURE DESCRIPTION	BCC 600 X 600 (TYPE 1) FIELD INLET WITH CLASS D GRATE (FLUSH) REFER BCC STD DRG. BSD-5891	PIPE BEND	PIPE BEND	STD. FIELD INLET TYPE 1 900x900 WITH CONCRETE APRON	ON-SITE DETENTION TANK (PRE-CAST) 3 No. 15kL TANKS (45kL TANK STORAGE) BY AUSTRALIAN TANKS	HEADWALL

DESIGNED ON-SITE DETENTION STORAGE
ON-SITE DETENTION STORAGE GENERALLY IN ACCORDANCE WITH STORMWATER CONSULTING'S 'SITE-BASED STORMWATER MANAGEMENT PLAN REPORT J9990 CT.0.

BCC DS
RECEIVED
27/05/2025
APPLICATION REF
A00682040

APPROVED PLAN
Brisbane City Council
23/01/2026

APPROVED PLAN ONLY REFERS TO:

- Earthworks
- Stormwater
- Roadworks
- Traffic Functional Layout
- Traffic Signals
- Construction Management Plan
- WSUD Device(s)
- Signs and Linemarking

Other:

Neighbouring Property Consent

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Additional BCC Permits

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- Temporary Lane / Road Closures
- Permit to Occupy Road (Work Zones)
- Permit to Work on Council Property

PIPE SIZE (mm)	150	150	150	150	150
PIPE CLASS	uPVC	uPVC	uPVC	uPVC	uPVC
PIPE GRADE (%)	1.00%	1.00%	1.00%	20.00%	1.00%
PIPE SLOPE (1 in X)	100.0	100.0	100.0	5.0	100.0
PIPE FLOW (cumecs)	0.016	0.016	0.016	0.016	REFER NOTE
CAPACITY FLOW (cumecs)	0.015	0.015	0.015	0.068	0.015
FULL PIPE VELOCITY (m/s)	0.50	0.50	0.50	0.88	0.88
NORMAL DEPTH VELOCITY (m/s)	0.98	0.98	0.98	3.13	0.98
DATUM RL	15,000				
HGL ELEVATION	32.697 32.2461	32.697 32.2461	32.697 32.2461	32.697 32.2461	32.697 32.2461
DEPTH TO INVERT	0.631	0.645	0.645	1.261	0.310
INVERT LEVEL OF DRAIN	32.114	32.024	31.907	31.745	28.400
DESIGN SURFACE LEVEL	32.745	32.869	32.801	30.774	28.410
SETOUT COORDINATES	498496.840E 684402.658N	498503.824E 684403.121N	498504.052E 684404.838N	2.410E 684406.515N	498543.456E 684406.168N
CHAINAGE	0.000	9.047	11.723	20.770	41.113

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VER.	A	RFI RESPONSE	19-12-25
DESCRIPTION			

BURCHILLS ENGINEERING SOLUTIONS

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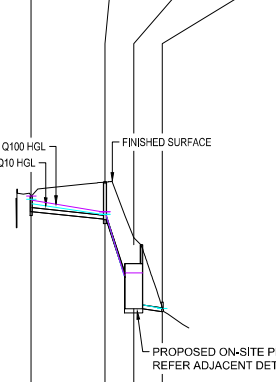
CLIENT: PLR UNIT TRUST

BCC DS
RECEIVED
21/12/2025
APPLICATION REF
A00682179

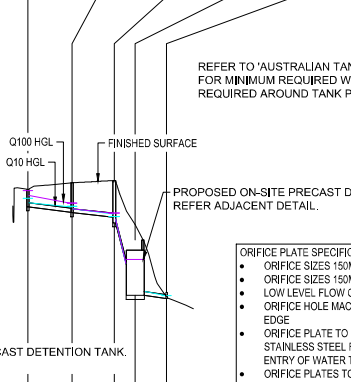
DRAWING TITLE: STORMWATER LONGITUDINAL SECTION SHEET 2 OF 2

RPEQ Engineer to ensure all works meet Councils standards for safety prior to On-Maintenance by Council. All rectification works that may be necessary for On-Maintenance are to be in accordance with Councils guidelines and standards.

1/8	BCC 600 X 600 (TYPE 1) FIELD INLET WITH CLASS D GRATE (FLUSH) REFER BCC STD DRG. BSD-5891
2/8	BCC 900 X 900 (TYPE 1) FIELD INLET WITH CLASS D GRATE (FLUSH) REFER BCC STD DRG. BSD-5891
OSD/8	ON-SITE DETENTION TANK (PRE-CAST) 3 No. 15kL TANKS (45kL TANK STORAGE) BY AUSTRALIAN TANKS
4/8	HEADWALL

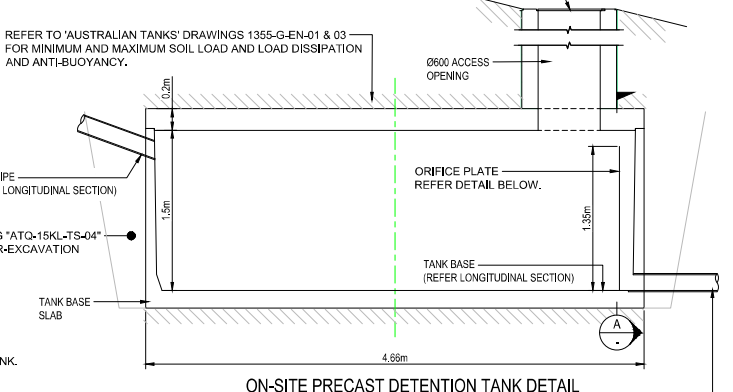


1/9	BCC 600 X 600 (TYPE 1) FIELD INLET WITH CLASS D GRATE (FLUSH) REFER BCC STD DRG. BSD-5891
2/9	PIPE BEND
3/9	BCC 900 X 900 (TYPE 1) FIELD INLET WITH CLASS D GRATE (FLUSH) REFER BCC STD DRG. BSD-5891
OSD/9	ON-SITE DETENTION TANK (PRE-CAST) 3 No. 15kL TANKS (45kL TANK STORAGE) BY AUSTRALIAN TANKS
5/9	HEADWALL



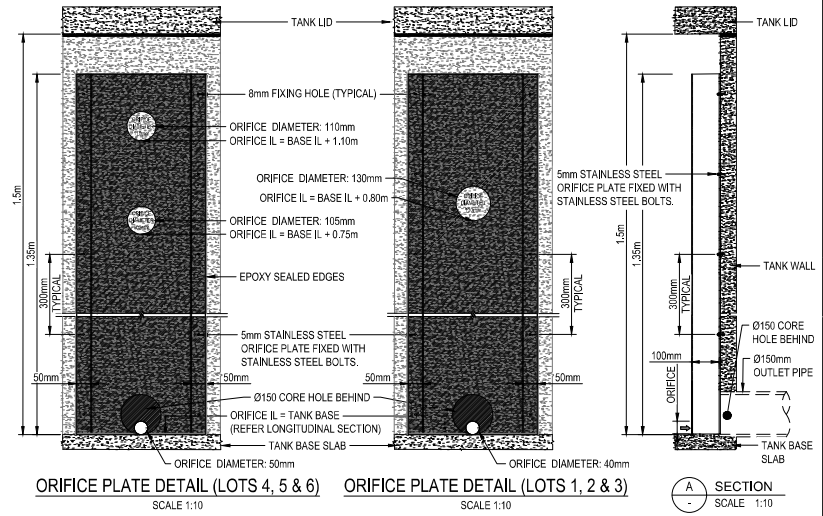
PROPOSED PRE-CAST ON-SITE DETENTION TANK
LOTS 1, 3, 4, 5 & 6 - 45kL DETENTION STORAGE (3 x 15kL TANKS)
LOT 2 - 30kL DETENTION STORAGE (2 x 15kL TANKS)

PRECAST TANKS TO BE INSTALLED TO AUSTRALIAN TANK DESIGN REQUIREMENTS AND SPECIFICATIONS.
REFER TO DRAWING "ATQ-15kL-TS-04"



ORIFICE PLATE SPECIFICATIONS

- ORIFICE SIZES 150MM OR LESS = 3mm STAINLESS STEEL PLATE
- ORIFICE SIZES 150MM OR MORE = 5mm STAINLESS STEEL PLATE
- LOW LEVEL FLOW ORIFICE HOLE INVERT TO MATCH TANK FLOOR LEVEL
- ORIFICE HOLE MACHINED TO 0.5mm ACCURACY. HOLE TO RETAIN A SHARP EDGE
- ORIFICE PLATE TO BE PERMANENTLY FIXED TO TANK/WALL WITH STAINLESS STEEL FASTENERS AND EPOXY SEALED TO PREVENT THE ENTRY OF WATER TO EDGES
- ORIFICE PLATES TO BE ENGRAVED WITH DIAMETER AND IDENTIFYING MARK. DIAMETER.



FOR APPROVAL

SCALE AT FULL SIZE (A1):
1:100 VERTICAL (FULL SIZE)
1:500 HORIZONTAL (FULL SIZE)

DEVL. APPLIC. No.: DATE: 19-12-25
PROJECT LEADER: ROBERTO DI FABIO DESIGNER: HC
DRAFTSPERSON: HC CHECKED: ADAM COOPER

APPROVED FOR AND ON BEHALF OF BURCHILLS ENGINEERING SOLUTIONS ABN 76 166 942 365
DATE: 21/12/2025 RPEQ 31479

PROJECT No.: BE240683-01 DRAWING No.: C4202 VERSION: A

