

BREAK LINE - REFER TO DRG. 41 (SHEET 1) FOR CONTINUATION

PROPOSED TOLL IPEC FACILITY. FFL = 48.40 (BEL = 48.20)

PROPOSED TOLL IPEC FACILITY. FFL = 48.40 (BEL = 48.20)

REST AREA  
FFL = 48.75m

NSW GOVERNMENT  
Planning  
Issued under the Environmental Planning and Assessment Act 1979  
Approved Application No. S617-5705  
granted on the 18.04.23  
Signed  
Sheet No. 2 of 39

STORMWATER PLAN NOTES:  
REFER TO DRAWING DA 40 FOR STORMWATER DRAINAGE NOTES, KEY PLAN, LEGEND, PIT & PIPE SCHEDULE.

STORMWATER LAYOUT PLAN - SHEET 2  
SCALE 1:250

FOR DEVELOPMENT APPLICATION

2m 0 5 10 15 20 25m  
SCALE 1:250 AT A0 SIZE PLOT

AMENDMENTS	DATE	ISSUE	AMENDMENTS	DATE	ISSUE	AMENDMENTS	DATE	ISSUE
FOR DEVELOPMENT APPLICATION	21.11.22	B						
PRELIMINARY-FOR INFORMATION	08.11.22	A						

ARCHITECT

CLIENT



PROJECT  
PROPOSED TOLL IPEC FACILITY  
GREAT WESTERN HWY/BRABHAM DRIVE  
HUNTINGWOOD WEST

DESIGNED: MW  
DRAWN: RC  
DATE: 15.10.22  
CHECKED: AS  
SCALE: AS SHOWN  
CAD REF: G11809-00-DA42



Value in Engineering and Management

Costin Roe Consulting

DRAWING TITLE  
STORMWATER LAYOUT PLAN  
SHEET 2

DRAWING No. Co11809.00-DA42

PERIMETER DRAIN. REFER TO GHD INFRASTRUCTURE DRAWINGS.

SITE BOUNDARY

BREAK LINE - REFER TO DRG. 44 (SHEET 4) FOR CONTINUATION

BUNBURRA PLACE

SITE BOUNDARY

PROPOSED TOLL IPEC FACILITY. FFL = 48.40  
(BEL = 48.20)

PROPOSED TOLL IPEC FACILITY. FFL = 48.40  
(BEL = 48.20)

PROVIDE DUAL 80φ (LOW FLOW TO RAINWATER TANK) AND 225φ (HIGH FLOW TO S.W.) DOWNPIPES. CONNECT 80φ TO RAINWATER TANK WITH IN-GROUND PIPE AT MIN. 1% FALL AND PASS THROUGH FIRST FLUSH DEVICE PRIOR TO TANK. ROOF AREA = 0.71ha (APPROX.)

STORMWATER OUTLET B. STORMWATER TO DISCHARGE TO EXISTING 1800φ PIPE WITHIN EASEMENT. EX IL = 39.75 APPROX

GROSS POLLUTANT TRAP. ECOSOL RSF 4750 OR TO EQUIVALENT STANDARDS



NSW GOVERNMENT Planning

Issued under the Environmental Planning and Assessment Act 1979

Approved Application No. SSD12-5705

granted on the 18.04.13

Signed [Signature]

Sheet No. 31 of 39

**STORMWATER PLAN NOTES:**  
REFER TO DRAWING DA 40 FOR STORMWATER DRAINAGE NOTES, KEY PLAN, LEGEND, PIT & PIPE SCHEDULE.

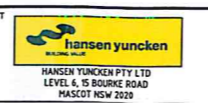
BREAK LINE - REFER TO DRG. 44 (SHEET 4) FOR CONTINUATION  
STORMWATER LAYOUT PLAN - SHEET 3  
SCALE 1:250

**FOR DEVELOPMENT APPLICATION**

2m 0 5 10 15 20 25m  
SCALE 1:250 AT A0 SIZE PLOT

AMENDMENTS	DATE	ISSUE	AMENDMENTS	DATE	ISSUE	AMENDMENTS	DATE	ISSUE
FOR DEVELOPMENT APPLICATION	21.11.12	B						
PRELIMINARY - FOR INFORMATION	08.11.12	A						

ARCHITECT  
CLIENT



PROJECT  
PROPOSED TOLL IPEC FACILITY  
GREAT WESTERN HWY/BRABHAM DRIVE  
HUNTINGWOOD WEST

Costin Roe Consulting Pty Ltd.  
Consulting Engineers  
Level 1, 8 Wislandell Street  
Wahbi Bay, Sydney NSW 2000  
Tel: (02) 9551-7899 Fax: (02) 9551-5728  
email: info@costinroe.com.au



DRAWING TITLE  
STORMWATER LAYOUT PLAN  
SHEET 3  
Drawing No. Co11809.00-DA43

BREAK LINE - REFER TO DRG. 43 (SHEET 3) FOR CONTINUATION

PROPOSED TOLL IPEC FACILITY. FFL = 48.40 (BEL = 48.20)

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**NSW GOVERNMENT Planning**

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Signed SW

Sheet No. 32 of 39

PROVIDE DUAL 80Ø (LOW FLOW TO RAINWATER TANK AND 225Ø (HIGH FLOW TO S.W.) DOWNPIPES. CONNECT 80Ø TO RAINWATER TANK WITH IN-GROUND PIPE AT MIN. 1% FALL AND PASS THROUGH FIRST FLUSH DEVICE PRIOR TO TANK. ROOF AREA = 0.93ha (APPROX.)

EXISTING STORMWATER LINES TO BE USED AS RAINWATER TANK (APPROX. 400m<sup>2</sup>)

REFER TO GHD DESIGN FOR STORMWATER ESTABLISHMENT THROUGH ASSESSMENT FROM HUNTINGWOOD DRIVE

DEFINES OVERLAND FLOW PATH DIRECTION

ALLOW FOR 2.1m<sup>3</sup>/s OVERLAND FLOW DURING 0.100 ARI EVENT FROM HUNTINGWOOD DRIVE

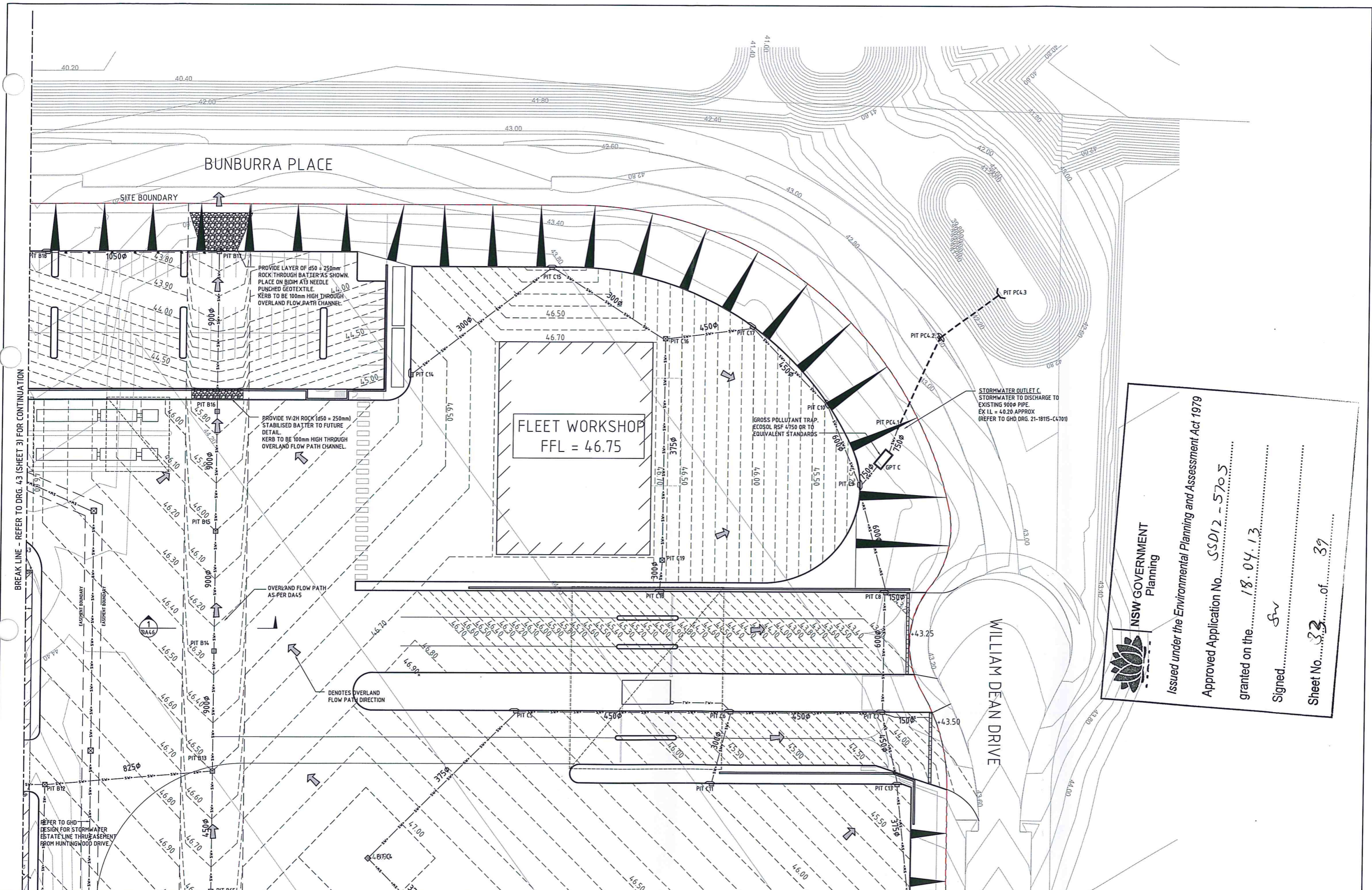
**STORMWATER PLAN NOTES:**  
REFER TO DRAWING DA 40 FOR STORMWATER DRAINAGE NOTES, KEY PLAN, LEGEND, PIT & PIPE SCHEDULE.

**STORMWATER LAYOUT PLAN - SHEET 4**  
SCALE 1:250

**FOR DEVELOPMENT APPLICATION**

SCALE 1:250 AT A0 SIZE PLOT

FOR DEVELOPMENT APPLICATION		21.11.12	B			ARCHITECT		CLIENT		PROJECT		Costin Roe Consulting Pty Ltd.		DRAWING TITLE	
PRELIMINARY-FOR INFORMATION		08.11.12	A			Hansen Yuncken		PROPOSED TOLL IPEC FACILITY		GREAT WESTERN HWY/BRABHAM DRIVE		Consulting Engineers		STORMWATER LAYOUT PLAN	
AMENDMENTS		DATE	ISSUE	AMENDMENTS		HANSSEN YUNCKEN PTY LTD		HUNTINGWOOD WEST		LEVEL 6, 15 BOURKE ROAD		Level 1, 8 Widdowson Street		SHEET 4	
		DATE	ISSUE			MASCOT NSW 2020		DESIGNED		DRAWN		DATE		DRAWING No. Co11809.00-DA 4.4	
								CHECKED		SCALE		AS SHOWN		ISSUE	
								CAD REF:		C:\11809\00-DA44				Value in Engineering and Management	



BREAK LINE - REFER TO DRG. 43 (SHEET 3) FOR CONTINUATION

BREAK LINE - REFER TO DRG. 46 (SHEET 6) FOR CONTINUATION

**STORMWATER PLAN NOTES:**  
 REFER TO DRAWING DA 40 FOR STORMWATER DRAINAGE NOTES, KEY PLAN, LEGEND, PIT & PIPE SCHEDULE.

**STORMWATER LAYOUT PLAN - SHEET 5**  
 SCALE 1:250

**FOR DEVELOPMENT APPLICATION**



**NSW GOVERNMENT**  
 Planning

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Approved Application No. SSD12-5705

granted on the 18.04.13

Signed SW

Sheet No. 33 of 39

FOR DEVELOPMENT APPLICATION	21.11.12	B		ARCHITECT		CLIENT		PROJECT		DESIGNED	DATE	CHECKED	SCALE	SCALE	CAD REF:
PRELIMINARY - FOR INFORMATION	08.11.12	A						PROPOSED TOLL IPEC FACILITY		H.M.V.	15.10.12	A.G.	A3	AS SHOWN	CA1809-00-0415
AMENDMENTS	DATE	ISSUE	AMENDMENTS	DATE	ISSUE	AMENDMENTS	DATE	ISSUE							

**hansen yuncken**  
 HANSEN YUNCKEN PTY LTD  
 LEVEL 6, 15 BOURKE ROAD  
 MASCOT NSW 2020

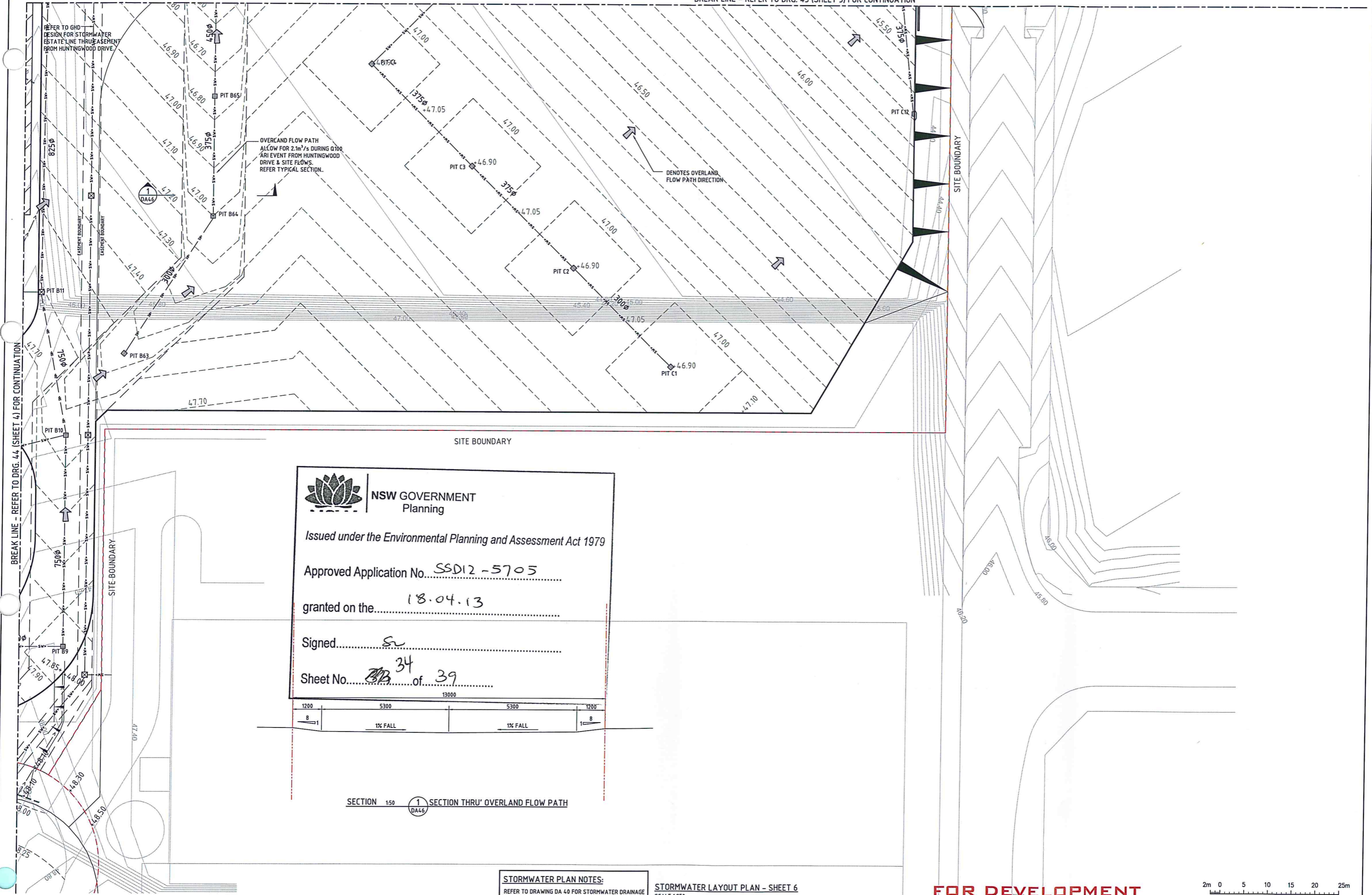
**Costin Roe Consulting Pty Ltd.**  
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 Level 1, 8 Macmillan Street  
 Walsh Bay, Sydney NSW 2000  
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 email: mail@costinroe.com.au


**Costin Roe Consulting**

**Costin Roe Consulting**

DRAWING TITLE: **STORMWATER LAYOUT PLAN SHEET 5**  
 DRAWING No: **CA1809.00-DA45**

BREAK LINE - REFER TO DRG. 45 (SHEET 5) FOR CONTINUATION



 **NSW GOVERNMENT**  
Planning

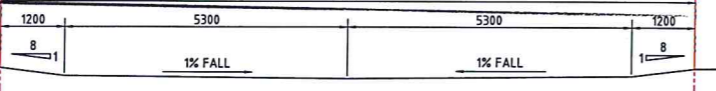
Issued under the Environmental Planning and Assessment Act 1979

Approved Application No. SSD12-5705

granted on the 18.04.13

Signed su

Sheet No. 34 of 39

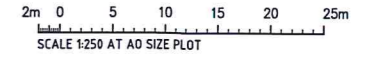


SECTION 1:50 (1) SECTION THRU' OVERLAND FLOW PATH

**STORMWATER PLAN NOTES:**  
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**STORMWATER LAYOUT PLAN - SHEET 6**  
SCALE 1:250

**FOR DEVELOPMENT APPLICATION**



AMENDMENTS	DATE	ISSUE	AMENDMENTS	DATE	ISSUE	AMENDMENTS	DATE	ISSUE
FOR DEVELOPMENT APPLICATION	21.11.12	B						
PRELIMINARY-FOR INFORMATION	08.11.12	A						

ARCHITECT	CLIENT	PROJECT

  
HANSEN YUNCKEN PTY LTD  
LEVEL 6, 15 BOURKE ROAD  
MASCOT NSW 2020

**PROPOSED TOLL IPEC FACILITY**  
GREAT WESTERN HWY/BRABHAM DRIVE  
HUNTINGWOOD WEST

  
Cosin Roe Consulting Pty Ltd.  
Consulting Engineers  
Level 1, 8 Widdowson Street  
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Tel: (02) 9251-1999 Fax: (02) 9241-9728  
email: info@cosinroecol.com.au

**Costin Roe Consulting**  
Value in Engineering and Management

DRAWING TITLE: **STORMWATER LAYOUT PLAN SHEET 6**  
DRAWING NO: **CA11809 00-DA46**