

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2018/917

Date: 9 July 2018



FUTURE
STAGE

STAGE 7I

EXISTING
STAGE
7A

FUTURE STORMWATER
MANAGEMENT BASIN

ROADWORKS & DRAINAGE NOTES

- REFER DRAWING 001 FOR GENERAL NOTES.
- SIDE DRAINS ARE TO BE CONSTRUCTED UNDER ALL KERB AND, KERB AND CHANNEL, UNLESS NOTED OTHERWISE.
- PRAM RAMPS ARE TO BE CONSTRUCTED AT ALL INTERSECTIONS AND CROSSING POINTS IN ACCORDANCE WITH LCC STANDARD DRAWING 8-00412.
- PROVIDE SIDE DRAINS AND FLUSHING POINTS TO ALL CENTER ISLANDS IN ACCORDANCE WITH IPWEA STANDARD DRAWING RS-140.
- LOCATION OF ALL STORMWATER OUTLETS ARE INDICATIVE ONLY AND MUST BE VERIFIED IN THE FIELD AND CONFIRMED BY THE SUPERINTENDENT PRIOR TO CONSTRUCTION OF DISCHARGE LINE AND OUTLET.
- CONTRACTOR TO PROVIDE AN ADDITIONAL 10mm THICKNESS OF AC SURFACING WHERE STREET PRINT IS TO BE PROVIDED. ADDITIONAL 10mm IS TO BE PROUD OF KERB LIP LEVEL.
- ANY WORKS CONSTRUCTED OUTSIDE OF SPECIFIED TOLERANCES ARE TO BE RECTIFIED AT THE CONTRACTORS EXPENSE (IF ORDERED).

LEGEND

12	FINISHED SURFACE CONTOURS	PROPOSED FOOTPATH
4.1	NOMINAL KERB LINE	TOP OF BATTER
C	STORMWATER DRAIN	TOE OF BATTER
S	MANHOLE 4 ON LINE 1	STAGING BOUNDARY
RM	COMMUNICATIONS	EXISTING STORMWATER
W	SEWER MAIN	EXISTING WATER
W	SEWER RISING MAIN	INDICATIVE DRIVEWAY (NOT PART OF WORKS)
W	WATER MAIN	KERB RAMP
W	WATER CONDUITS	BARRIER FENCING 1.2m HIGH
W	SWALE DRAIN	EXCLUSION FENCING 1.8m HIGH
W	SAWCUT	

FIRE ANT NOTE:

UNDER QUEENSLAND LEGISLATION, FIRE ANTS ARE A NOTIFIABLE PEST AND SUSPECTED SIGHTING MUST BE REPORTED TO BIOSECURITY QUEENSLAND. MOVEMENT OF FIRE ANTS IS PROHIBITED UNLESS APPROVED OTHERWISE BY THE DEPARTMENT OF PRIMARY INDUSTRIES. THE CONTRACTOR SHALL ACQUIRE THE NECESSARY PERMITS TO COMPLETE THE WORKS.

LOCAL AUTHORITY:	ECONOMIC DEVELOPMENT QUEENSLAND
EDQ FILE REF NO:	DEV2014/637
RP DESCRIPTION:	LOT 908 RP819216
PARISH/COUNTY:	MACLEAN/UNDULLAH
ORIGIN:	PM107142 (RL39.078)
HORIZONTAL DATUM:	MGA

REV	DESCRIPTION	BY	SIDR	DATE
A	ORIGINAL ISSUE	SW	JH	20.03.18
B	ROUND ABOUT UPDATED	NM	JH	10.04.18

5 0 5 10 15 20 25m
1 : 500 (FULL SIZE A1)



NAME Jason Harley
RPEQ 5665

Approved by, for and on behalf of Meinhardt

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Meinhardt Urban Pty Ltd
A.B.N. 29 064 159 191

Brisbane - Level 2, 135 Wickham Terrace, Spring Hill QLD 4000
Gold Coast - Level 1, 34 Thomas Drive, Chevron Island QLD 4217
Sunshine Coast - 8 Piki Street, Maroochydore QLD 4558
Postal PO Box 2293, Southport QLD 4215
T: +61 7 5528 6411
F: +61 7 5528 6422
info@meinhardtgroup.com
http://www.meinhardtgroup.com

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CLIENT
PEET FLAGSTONE CITY Pty. Ltd.

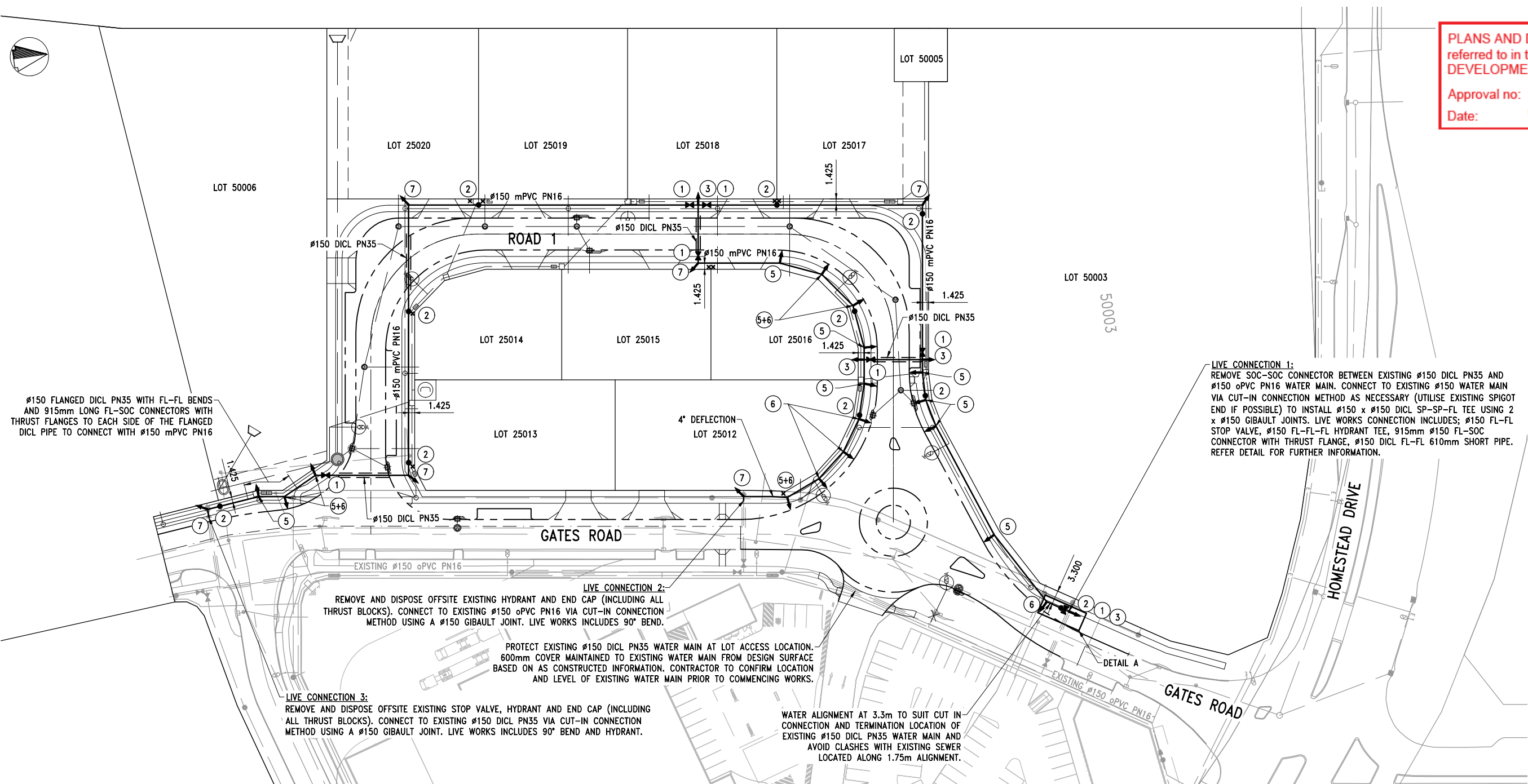
TITLE
ROADWORKS AND DRAINAGE
LAYOUT PLAN

PROJECT
FLAGSTONE CITY - STAGE 7I

ECONOMIC DEVELOPMENT QUEENSLAND

STATUS
TENDER
NOT FOR CONSTRUCTION

DESIGNED	DRAWN	APPROVED	DATE	SCALE @ A1	SHEET
NM	SW	JH	20.03.18	1:500	1 of 1
PROJECT No	DRAWING No	REV			
118309	C1-S7I-CIL-200	B			



Ø150 FLANGED DCL PN35 WITH FL-FL BENDS
AND 915mm LONG FL-SOC CONNECTORS WITH
THRUST FLANGES TO EACH SIDE OF THE FLANGED
DCL PIPE TO CONNECT WITH Ø150 mPVC PN16

LIVE CONNECTION 1:
REMOVE SOC-SOC CONNECTOR BETWEEN EXISTING Ø150 DCL PN35 AND
Ø150 oPVC PN16 WATER MAIN. CONNECT TO EXISTING Ø150 WATER MAIN
VIA CUT-IN CONNECTION METHOD AS NECESSARY (UTILISE EXISTING SPIGOT
END IF POSSIBLE) TO INSTALL Ø150 x Ø150 DCL SP-SP-FL TEE USING 2
x Ø150 GIBAULT JOINTS. LIVE WORKS CONNECTION INCLUDES; Ø150 FL-FL
STOP VALVE, Ø150 FL-FL-FL HYDRANT TEE, 915mm Ø150 FL-SOC
CONNECTOR WITH THRUST FLANGE, Ø150 DCL FL-FL 610mm SHORT PIPE.
REFER DETAIL FOR FURTHER INFORMATION.

LIVE CONNECTION 2:
REMOVE AND DISPOSE OFFSITE EXISTING HYDRANT AND END CAP (INCLUDING ALL
THRUST BLOCKS). CONNECT TO EXISTING Ø150 oPVC PN16 VIA CUT-IN CONNECTION
METHOD USING A Ø150 GIBAULT JOINT. LIVE WORKS INCLUDES 90° BEND.

LIVE CONNECTION 3:
REMOVE AND DISPOSE OFFSITE EXISTING STOP VALVE, HYDRANT AND END CAP (INCLUDING
ALL THRUST BLOCKS). CONNECT TO EXISTING Ø150 DCL PN35 VIA CUT-IN CONNECTION
METHOD USING A Ø150 GIBAULT JOINT. LIVE WORKS INCLUDES 90° BEND AND HYDRANT.

PROTECT EXISTING Ø150 DCL PN35 WATER MAIN AT LOT ACCESS LOCATION.
600mm COVER MAINTAINED TO EXISTING WATER MAIN FROM DESIGN SURFACE
BASED ON AS CONSTRUCTED INFORMATION. CONTRACTOR TO CONFIRM LOCATION
AND LEVEL OF EXISTING WATER MAIN PRIOR TO COMMENCING WORKS.

WATER ALIGNMENT AT 3.3m TO SUIT CUT IN
CONNECTION AND TERMINATION LOCATION OF
EXISTING Ø150 DCL PN35 WATER MAIN AND
AVOID CLASHES WITH EXISTING SEWER
LOCATED ALONG 1.75m ALIGNMENT.

LEGEND

	NOMINAL KERB LINE		EXISTING WATER
	PROPOSED WATER MAIN		EXISTING SEWER
	FIRE HYDRANT, STOP VALVE, REDUCER & DEAD END CAP		EXISTING STORMWATER
	WATER SERVICE 40mm PE AS PER SEQ-WAT-1110-2 WITH FITTINGS UPSIZED TO SUIT UNLESS NOTED OTHERWISE		STAGE BOUNDARY
	WATER CONDUITS		WATER ROAD CROSSING DCL PN35
	FITTINGS NUMBER		ELECTRICAL
	STORMWATER		THRUST/ANCHOR BLOCK
	SEWER MAIN		DRIVEWAY LOCATIONS CONSIDERED DURING DESIGN (NOT TO BE BUILT BY CIVILS)
	ROOF WATER		
	PROPOSED FOOTPATH		

SCHEDULE OF FITTINGS

No.	Description
①	Ø150 Stop Valve
②	Ø150 Fire Hydrant
③	Ø150 x Ø150 Tee (29.5kN)
④	Ø150 Dead End Cap (29.5kN)
⑤	Ø150 11.25° Bend (5.8kN)
⑥	Ø150 22.5° Bend (11.5kN)
⑦	Ø150 90° Bend (41.7kN)

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ORIGIN: PM107142 (RL39.078)
HORIZONTAL DATUM: MGA

REV	DESCRIPTION	BY	SID	DATE
A	ORIGINAL ISSUE	SW	JH	20.03.18
B	CUT IN'S FOR PERMANENT DEAD ENDS REMOVED, NOTE AMENDED	KC	JH	26.04.18

5 0 5 10 15 20 25m
1 : 500 (FULL SIZE A1)



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RPEQ 5665

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T: +61 7 5528 6411
F: +61 7 5528 6422
info@meinhardtagroup.com
http://www.meinhardtagroup.com
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MEIN-HARDT

CLIENT
PEET FLAGSTONE CITY Pty. Ltd.

TITLE
WATER RETICULATION
LAYOUT PLAN

PROJECT
FLAGSTONE CITY - STAGE 71

ECONOMIC DEVELOPMENT QUEENSLAND

STATUS
TENDER
NOT FOR CONSTRUCTION

DESIGNED	DRAWN	APPROVED	DATE	SCALE @ A1	SHEET
NM	SW	JH	20.03.18		2 of 2
PROJECT No	DRAWING No	REV			
118309	C1-S71-CIL-501	B			