

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2017/837
Date: 20 March 2018



LEGEND

[Symbol]	DETENTION TANK
[Symbol]	REINFORCED CONCRETE PAVEMENT
[Symbol]	ASPHALTIC CONCRETE PAVEMENT
[Symbol]	PROPOSED SEWER MANHOLE
[Symbol]	EXISTING SEWER MANHOLE
[Symbol]	EXISTING SEWER
[Symbol]	PROPOSED SEWER
[Symbol]	SEWER MANHOLE NUMBER
[Symbol]	ON GRADE GULLY PIT
[Symbol]	SAG GULLY PIT
[Symbol]	600 x 600 FIELD INLET
[Symbol]	900 x 600 FIELD INLET
[Symbol]	1500 DIA FIELD INLET
[Symbol]	STORMWATER LINE
[Symbol]	STORMWATER HEADWALL
[Symbol]	EXISTING STORMWATER LINE
[Symbol]	NATURAL SURFACE LEVEL
[Symbol]	STORMWATER NUMBER
[Symbol]	WATER RETICULATION U.P.V.C.
[Symbol]	WATER RETICULATION D.I.C.L.
[Symbol]	WATER RETICULATION CONDUIT
[Symbol]	GATE VALVE
[Symbol]	FIRE HYDRANT
[Symbol]	WATER METER
[Symbol]	DUAL OUTLET HYDRANT
[Symbol]	SWABBING FIRE HYDRANT
[Symbol]	WATER SERVICE FITTING
[Symbol]	TELEPHONE
[Symbol]	ELECTRICITY
[Symbol]	EDGE OF BITUMEN
[Symbol]	FENCE
[Symbol]	NATURAL CONTOURS
[Symbol]	FINISHED SURFACE LEVEL
[Symbol]	OVERHEAD POWER

NOTES

- STORMWATER DRAINAGE SHALL BE IN ACCORDANCE WITH REDLAND CITY COUNCIL GUIDELINES AND SPECIFICATIONS. EXISTING SERVICES ARE TO BE LOCATED AND VERIFIED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
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- INFORMATION CONTAINED IN THIS DRAWING IS PRELIMINARY ONLY AND SUBJECT TO DETAILED DESIGN INCLUDING BUT NOT LIMITED TO PIPE SIZES, ALIGNMENTS, PIT TYPES AND SIZES, AND EARTHWORKS EXTENTS.

STORMWATER INLET PIT NOTE:
STORMWATER INLET PITS AS SHOWN ARE TO BE FITTED WITH ENVIROPOD 200 FILTER BASKETS.

NOTE:
THE INVERT LEVEL & LOCATION OF ALL EXISTING STORMWATER & SEWER INFRASTRUCTURE SHALL BE CONFIRMED ON SITE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

*** STORMWATER STUB NOTE:**
PROVIDE STUBS AS SHOWN FOR ROOF AND/OR YARD DRAINAGE CONNECTION. RUNOFF FROM GROUND AREAS & APPROXIMATELY 35% OF ROOF AREA TO BE DIRECTED TO DETENTION TANK.

PRELIMINARY SERVICES PLAN

SCALE 1:100
(A1 SIZE)

PRELIMINARY
NOT FOR CONSTRUCTION



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E info@westera.com.au
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E goldcoast@westera.com.au
NORTHERN NSW
2/22 Moss St, Kingscliff
T 02 6614 8047 F 02 6614 8049
E nsw@westera.com.au

SURVEYOR
A & T SURVEYING
(07) 3714 9141

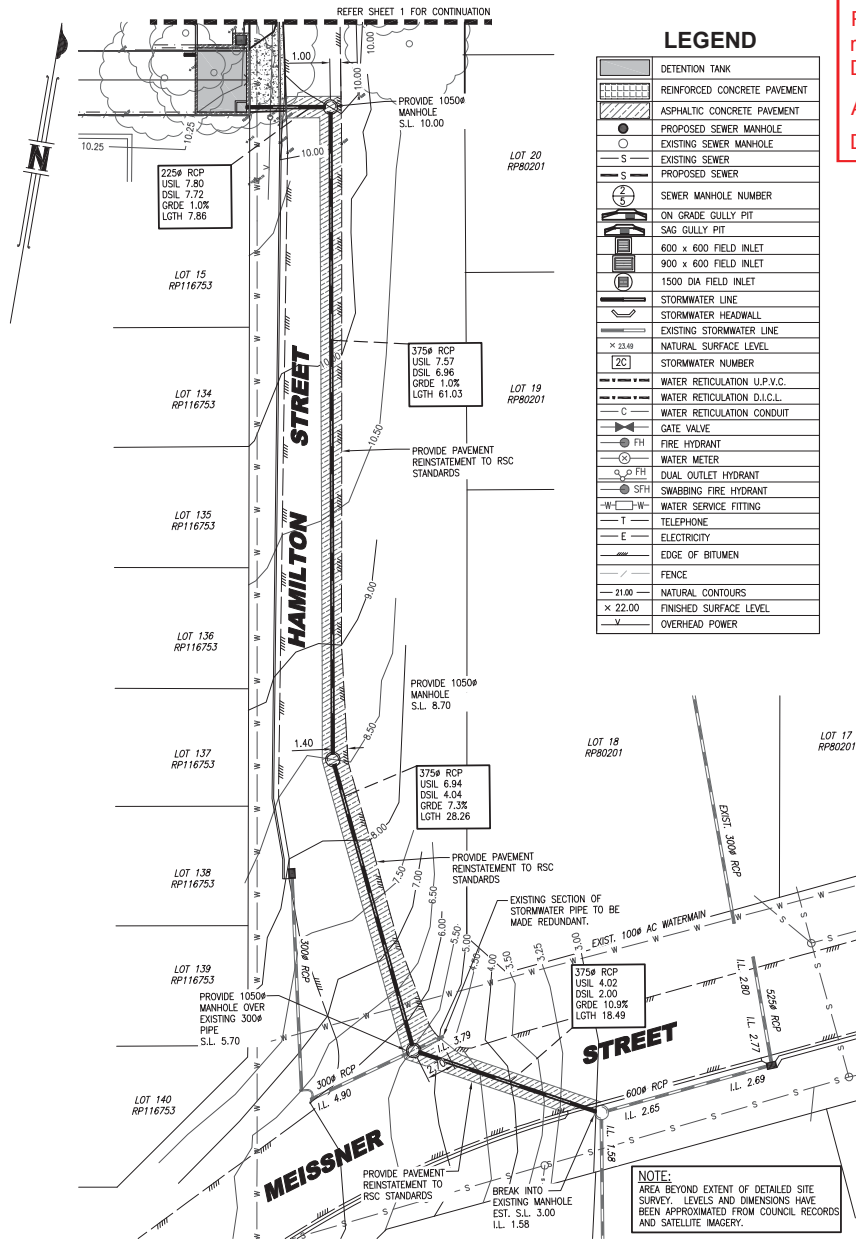
DATUM
A.H.D.
PM 113437
RL 1.995

No.	DATE	REVISIONS

SHEET	PRELIMINARY SERVICES PLAN 1 OF 2
PROJECT	PROPOSED RESIDENTIAL DEVELOPMENT
LOCATION	LOT 13 AND 14 ON RP107394 85 -91 HAMILTON STREET, REDLAND BAY
CLIENT	MION PTY LTD

APPROVED	DESIGNED J.H.C.	SHEET NUMBER
8/16	DRAWN P.A.	1 OF 2
	DATE DRAWN JULY 2017	REVISION
FILE NAME Services_PRE.dwg	PROJECT NUMBER	B17/063 P

S.106 RP692 12391
For and on behalf of
WESTERA PARTNERS PTY. LTD.



PRELIMINARY SERVICES PLAN

SCALE 1:250
(A1 SIZE)

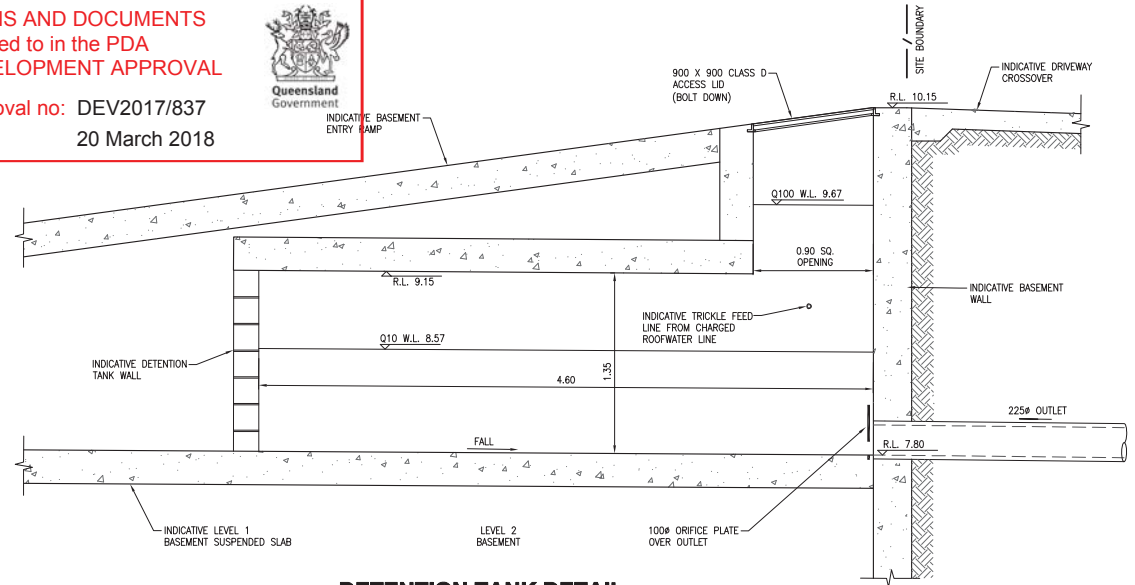
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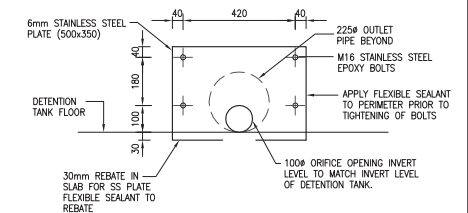
Approval no: DEV2017/837

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DETENTION TANK DETAIL

SECTION A
1:20 SCALE @ A1 SIZE



ORIFICE PLATE DETAIL

SCALE 1:10 @ A1

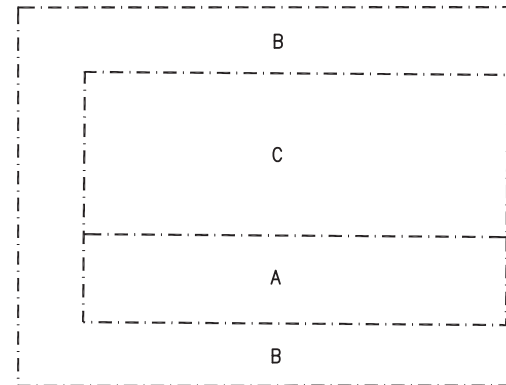
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CATCHMENT PLAN

SCALE 1:250
(A1 SIZE)

CATCHMENT SUMMARY

CATCHMENT LABEL	CATCHMENT DESCRIPTION	CATCHMENT AREA (m ²)
A	PROPOSED ROOF TO DETENTION TANK	325
B	PROPOSED GROUND TO DETENTION TANK	708
C	PROPOSED ROOF TO NORTH OUTLET VIA CHARGED LINE	600
SITE AREA (TOTAL)		1633

**PRELIMINARY
NOT FOR CONSTRUCTION**

No.	DATE	REVISIONS

SHEET	PRELIMINARY SERVICES PLAN 2 OF 2
PROJECT	PROPOSED RESIDENTIAL DEVELOPMENT
LOCATION	LOT 13 AND 14 ON RP107394 85 -91 HAMILTON STREET, REDLAND BAY
CLIENT	MION PTY LTD

APPROVED	DESIGNED J.H.C.	SHEET NUMBER
	DRAWN P.A.	2 of 2
DATE DRAWN JULY 2017	FILE NAME Services_PRE.dwg	REVISION
PROJECT NUMBER		
		B17/063 P