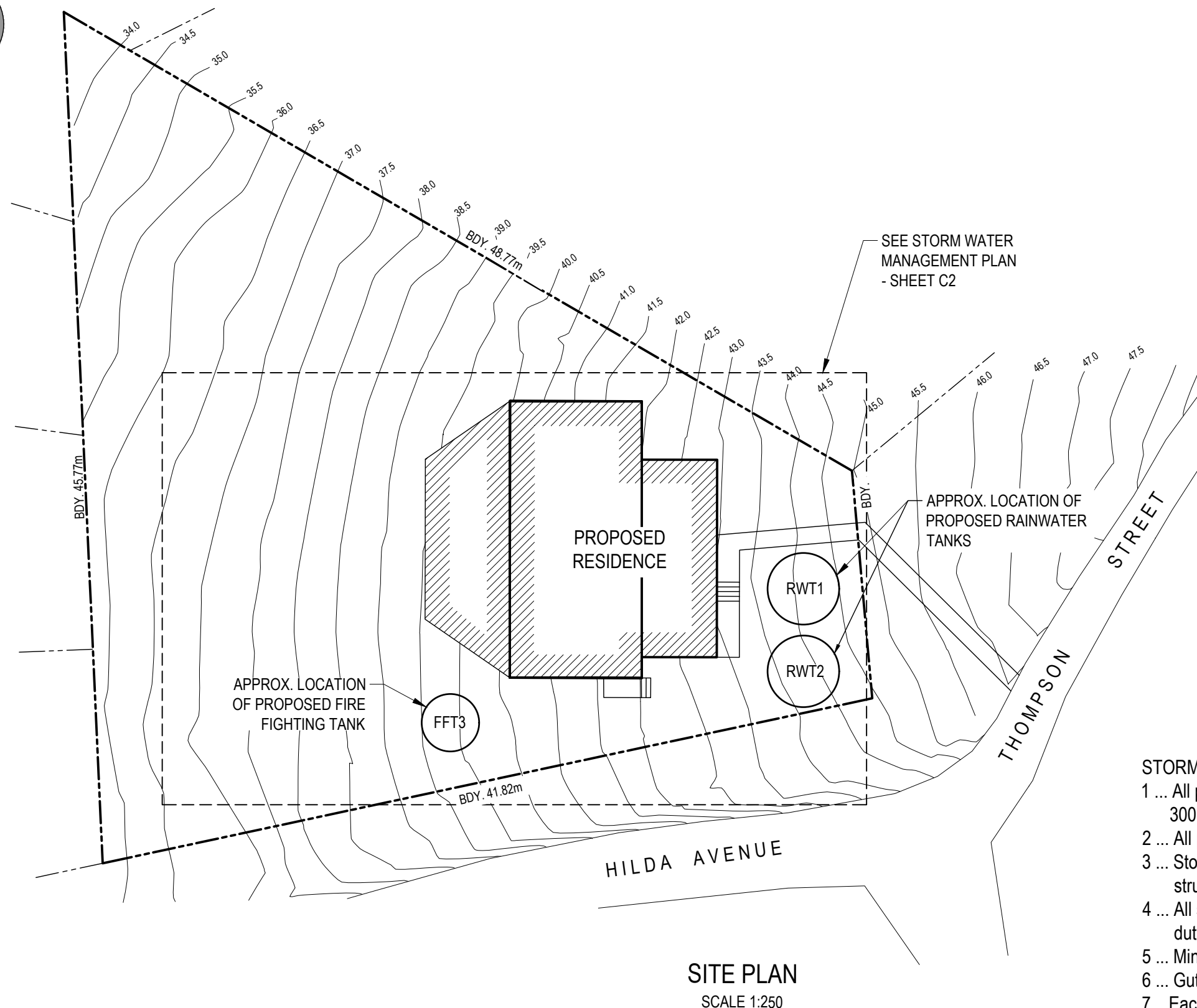


STORMWATER PLAN DEVELOPED FROM SITE PLAN BY
EZY HOMES AUSTRALIA, (DATED 12 MARCH 2019)

STORMWATER DATA

TOTAL SITE AREA	=	1185 m ²
IMPERVIOUS AREA	=	225.2 m ²
MINIMUM HARVESTING VOLUME	=	45 000 L*
MINIMUM OSD VOLUME	=	15 000 L
MAXIMUM OSD DISCHARGE RATE	=	7 L/s

*INCLUDES 10 000 L FIRE FIGHTING RESERVE



STORMWATER NOTES:

- 1 ... All pipes to have a minimum cover of 450mm under trafficable areas, and 300mm elsewhere; unless noted otherwise.
- 2 ... All pipes to be laid on a minimum grade of 1%, unless noted otherwise.
- 3 ... Stormwater diverted using the first flush device is to be directed away from the structure.
- 4 ... All stormwater pits and grated drains in trafficable areas to be fitted with heavy duty grates.
- 5 ... Minimum surface grade to be 0.5% for overland flow paths.
- 6 ... Gutters to be laid on a minimum grade of 1:500, unless noted otherwise.
- 7... Each down pipe is to be fitted with a first flush device
- 8 ... These drawings are for DA purposes only

REV.	DATE	ISSUE DESCRIPTION	DESIGN	DRAWN	CHECKED
A	9.05.19	Location of tanks amended	-	BEH	AWH
-	9.05.19	DA Issue (Not for Construction)	BEH	BEH	AWH

Approved:


Adam Hawkes

9th May 2019



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SITE LOCALITY PLAN

PROPOSED NEW DWELLING

131 THOMPSON STREET, SCOTLAND ISLAND

E. BURKE

Drawing:

9604

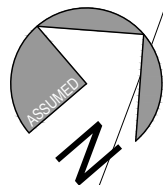
Sheet:

C1

Revision:

A

Original Sheet Size: A3



TANK SCHEDULE					
TANK No.	TANK VOLUME	HARVESTING VOLUME	OSD VOLUME	ORIFICE PLATE DIAMETER	DEPTH OF OSD
RWT1	22 500 L	17 500 L	5 000 L	N/A	450 mm
RWT2	22 500 L	17 500 L	5 000 L	Ø69 mm	450 mm
FFT3	15 000 L	10 000 L*	5 000 L	Ø63 mm	700 mm

* RESERVED FOR FIRE FIGHTING

STORMWATER DOWNPIPE (DP) DATA

ROOF PLAN AREA	= 179.8 m ²
AREA 1	= 29.10 m ²
AREA 2	= 29.16 m ²
AREA 3	= 29.11 m ²
AREA 4	= 29.16 m ²
AREA 5	= 15.74 m ²
AREA 6	= 18.58 m ²
AREA 7	= 18.55 m ²
AREA 8	= 17.51 m ²

LEGEND

- OVERLAND FLOW PATH
- PIPED / GUTTER / ROOF FLOW DIRECTION
- PROPOSED uPVC PIPE
- NOMINAL LOCATION OF PROPOSED Ø100 OR 75 x 70 RECTANGULAR DOWNPIPE
- GUTTER HIGH POINT (NOMINAL)
- GUTTER LOW POINT (NOMINAL)

POSITION OF TANK TO OWNERS RQMTS

MIN. 600 SQ GRATED PIT

DISCHARGE TO TABLE DRAIN ON HILDA AVENUE

Ø150
1% MIN

200 x 100 x 6 RHS (HDG)
1% MIN

ALL DOWNPIPES TO BE Ø100 OR
75 x 70 RECTANGULAR - MIN 1%

POSITION OF TANKS
TO OWNERS RQMTS

Ø150
LEVELLING PIPE

STORM WATER
MANAGEMENT PLAN
SCALE 1:100

Approved:

Adam Hawkes

9th May 2019



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STORM WATER MANAGEMENT PLAN
PROPOSED NEW DWELLING
131 THOMPSON STREET, SCOTLAND ISLAND
E. BURKE

Drawing:

9604

Sheet:

C2

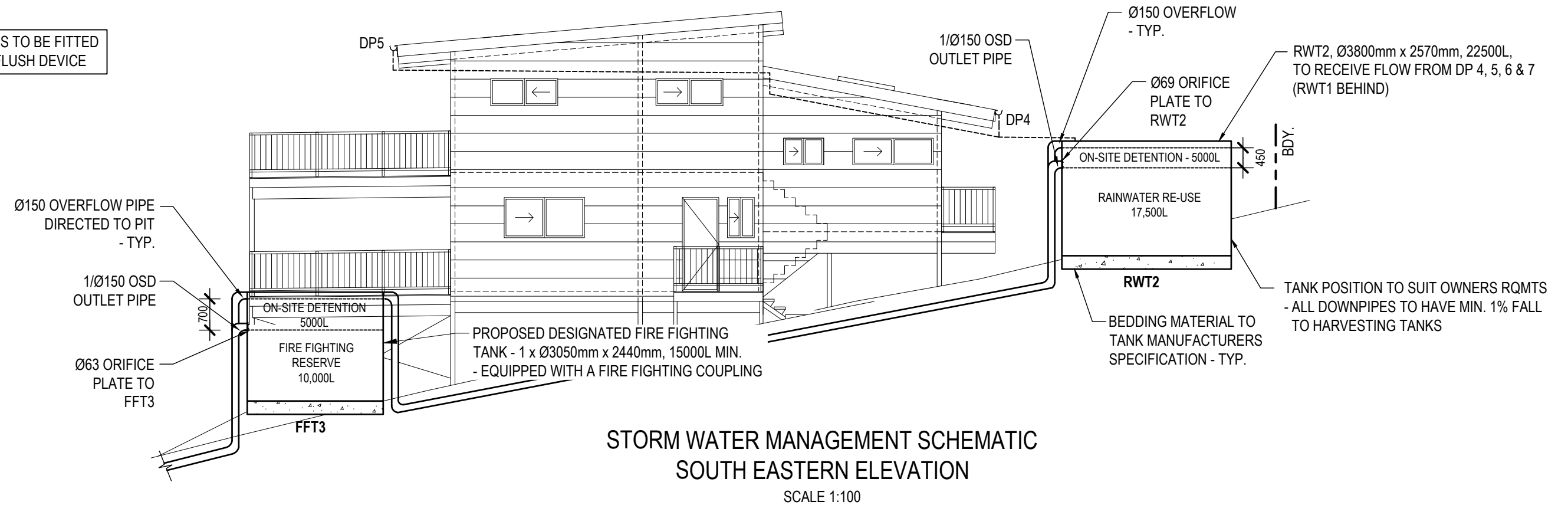
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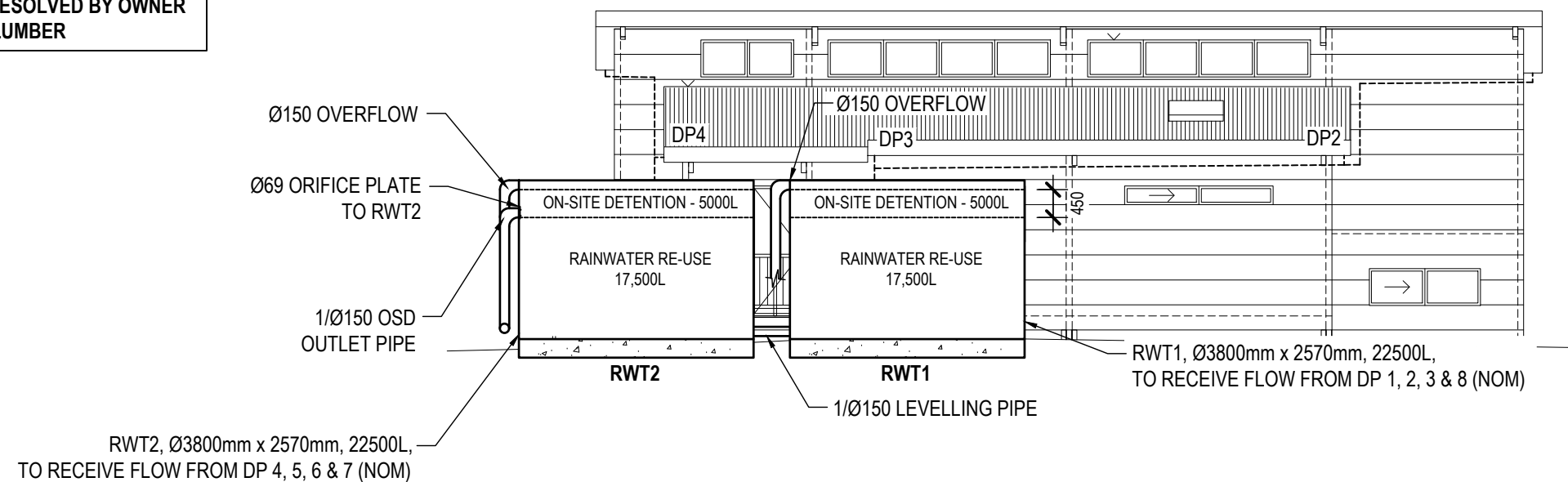
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REV.	DATE	ISSUE DESCRIPTION	DESIGN	DRAWN	CHECKED
A	9.05.19	Location of tanks amended	-	BEH	AWH
-	9.05.19	DA Issue (Not for Construction)	BEH	BEH	AWH

ALL DOWNPIPES TO BE FITTED WITH FIRST FLUSH DEVICE



LOCATION AND ALIGNMENT OF DOWNPIPES SHOWN IS DIAGRAMMATIC ONLY, DOWNPIPES TO BE RESOLVED BY OWNER AND PLUMBER



ALL DOWNPIPES TO BE Ø100 OR 75 x 70 RECTANGULAR - MIN 1%

REV.	DATE	ISSUE DESCRIPTION	DESIGN	DRAWN	CHECKED
A	9.05.19	Location of tanks amended	-	BEH	AWH
-	9.05.19	DA Issue (Not for Construction)	BEH	BEH	AWH

Approved:

Adam Hawkes
9th May 2019



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STORM WATER SCHEMATIC
PROPOSED NEW DWELLING
131 THOMPSON STREET, SCOTLAND ISLAND
E. BURKE

Drawing:	9604
Sheet:	C3
Revision:	A
Original Sheet Size: A3	