

# 8 COASTVIEW PLACE, FRESHWATER

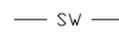
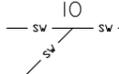
## STORMWATER MANAGEMENT PLAN

DRAWING NUMBER	REVISION	DRAWING TITLE
DR-000	1	LEGEND
DR-001	2	PIPE LAYOUT-ROOF & GROUND FLOOR LEVEL
DR-002	2	PIPE LAYOUT-LOWER GROUND FLOOR LEVEL
DR-003	1	ROOF LAYOUT
DR-004	1	SITE AREAS
SD-001	1	SEDIMENT & EROSION CONTROL PLAN

**NOTES:**

- ALL DIMENSIONS TO BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION.
- SITE LAYOUT BASED ON ARCHITECTURAL PLANS BY HUMEL ARCHITECTS (07/09/2018).
- LOCATION OF ALL SERVICES MUST BE CONFIRMED ON SITE PRIOR TO COMMENCEMENT OF EXCAVATION WORKS.
- ALL STORMWATER DRAINAGE PIPES AND ASSOCIATED DEVICES ARE TO BE INSTALLED IN ACCORDANCE WITH THE RELEVANT STANDARDS, THE BUILDING CODE OF AUSTRALIA, MANUFACTURER'S RECOMMENDATIONS, SYDNEY CATCHMENT AUTHORITY RECOMMENDED PRACTICE, AND LOCAL COUNCIL, AS APPLICABLE.
- ALL INVERT LEVELS PROVIDED ON THIS DRAWING ARE REDUCED TO AHD AND BASED ON INTERPOLATED SURFACE LEVELS AND SYSTEM REQUIREMENTS
- WHERE POSSIBLE, PIPEWORK SHALL BE LOCATED EXTERNAL TO THE BUILDING.
- DOWNPIPES AND STORMWATER LINES TO BE SEALED DN100 uPVC UNLESS OTHERWISE NOTED.
- STORMWATER PIPES TO BE GRADED AT A MINIMUM 1% UNLESS NOTED OTHERWISE.
- ALTERNATIVE GUTTER AND DOWNPIPE CONFIGURATION MAY BE INSTALLED PROVIDED IT COMPLIES WITH AS3500.
- ALL PIPE AND CONDUITS TO BE MARKED IN ACCORDANCE WITH AS1345 - 1995.
- TRENCHES AND SERVICE SEPARATIONS IN ACCORDANCE WITH AS/NZS 5601, AS/NZS 3500, AND AS/CA S009.

**LEGEND:**

-  DOWNPIPE
-  SW STORMWATER PIPE
-  DRAINAGE PIT
-  IO SW SW INSPECTION OPENING

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No.	BY	DATE	DESCRIPTION	APPD
1	YYA	31/01/2019	APPROVED FOR DA SUBMISSION	IRW
0	YYA	15/01/2019	APPROVED FOR DA SUBMISSION	IRW

Scale  
**NA**

DO NOT SCALE. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED

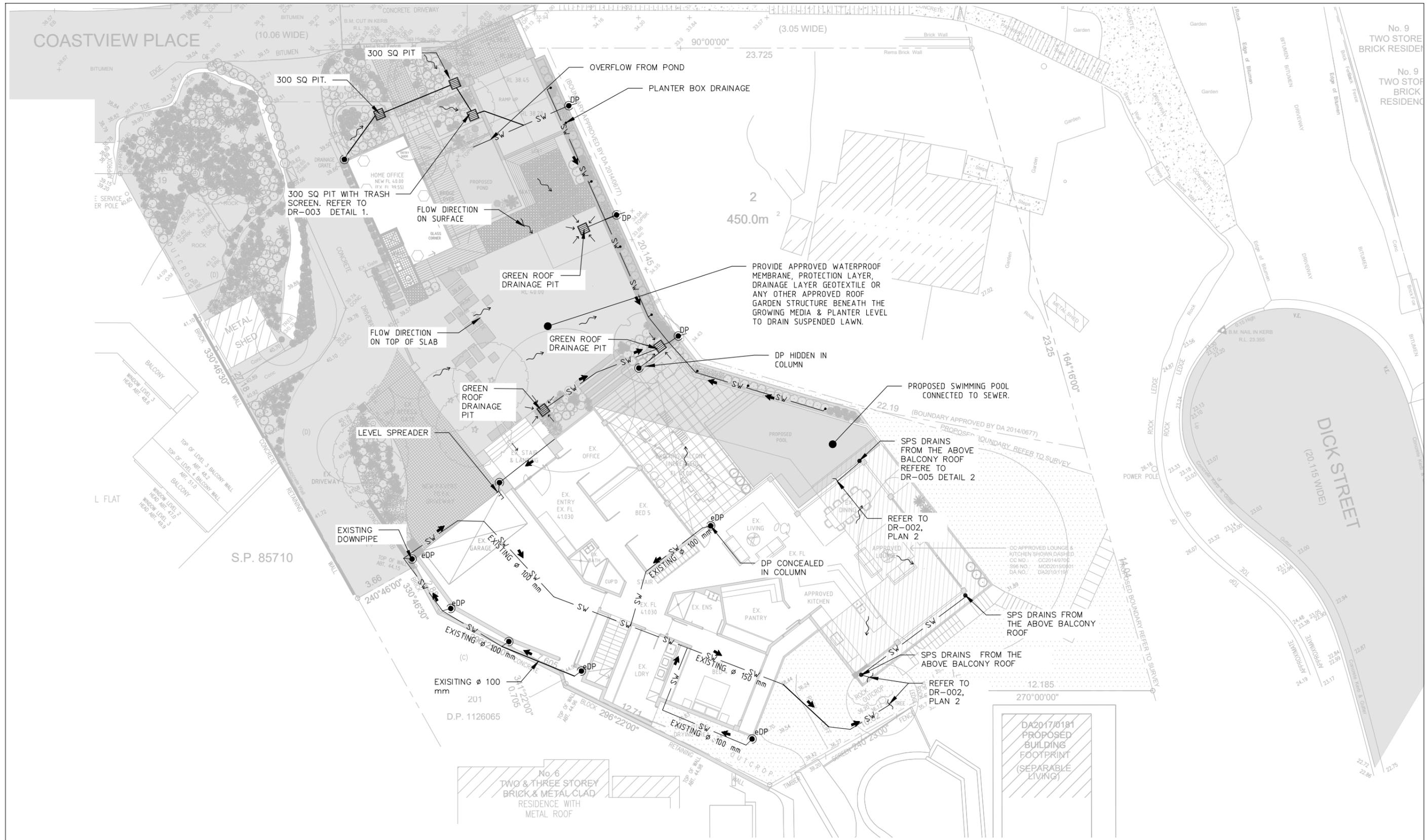
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DESIGNED	YYA	CHECKED	IRW
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APPROVED	IRW	DATE	31/01/2019



This design complies with:  
AS3500.3:2015

8 COASTVIEW PLACE, FRESHWATER			
LEGEND			
Size A3	Status APPROVED FOR DA SUBMISSION	Dwg No. DR-000	Rev. 1



PLAN 1  
PIPE LAYOUT-ROOF AND GROUND FLOOR LEVEL  
1:200

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	2	YYA	31/01/2019	APPROVED FOR DA SUBMISSION	IRW
	1	YYA	15/01/2019	APPROVED FOR DA SUBMISSION	IRW
	B	IRW	3/12/2018	UPDATED TITLE BLOCK	IRW
	A	IRW	15/11/2018	CONCEPT	IRW
	0	YYA	12/11/2018	CONCEPT	IRW

Scale  
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8 COASTVIEW PLACE, FRESHWATER			
PIPE LAYOUT- ROOF AND GROUND FLOOR LEVEL			
Size	Status	Drw No.	Rev.
A3	APPROVED FOR DA SUBMISSION	DR-001	2



PLAN 2 PIPE LAYOUT-LOWER GROUND FLOOR LEVEL  
1:200

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	B	IRW	3/12/2018	UPDATED TITLE BLOCK	IRW
	A	IRW	15/11/2018	CONCEPT	IRW
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Scale  
**1:200**

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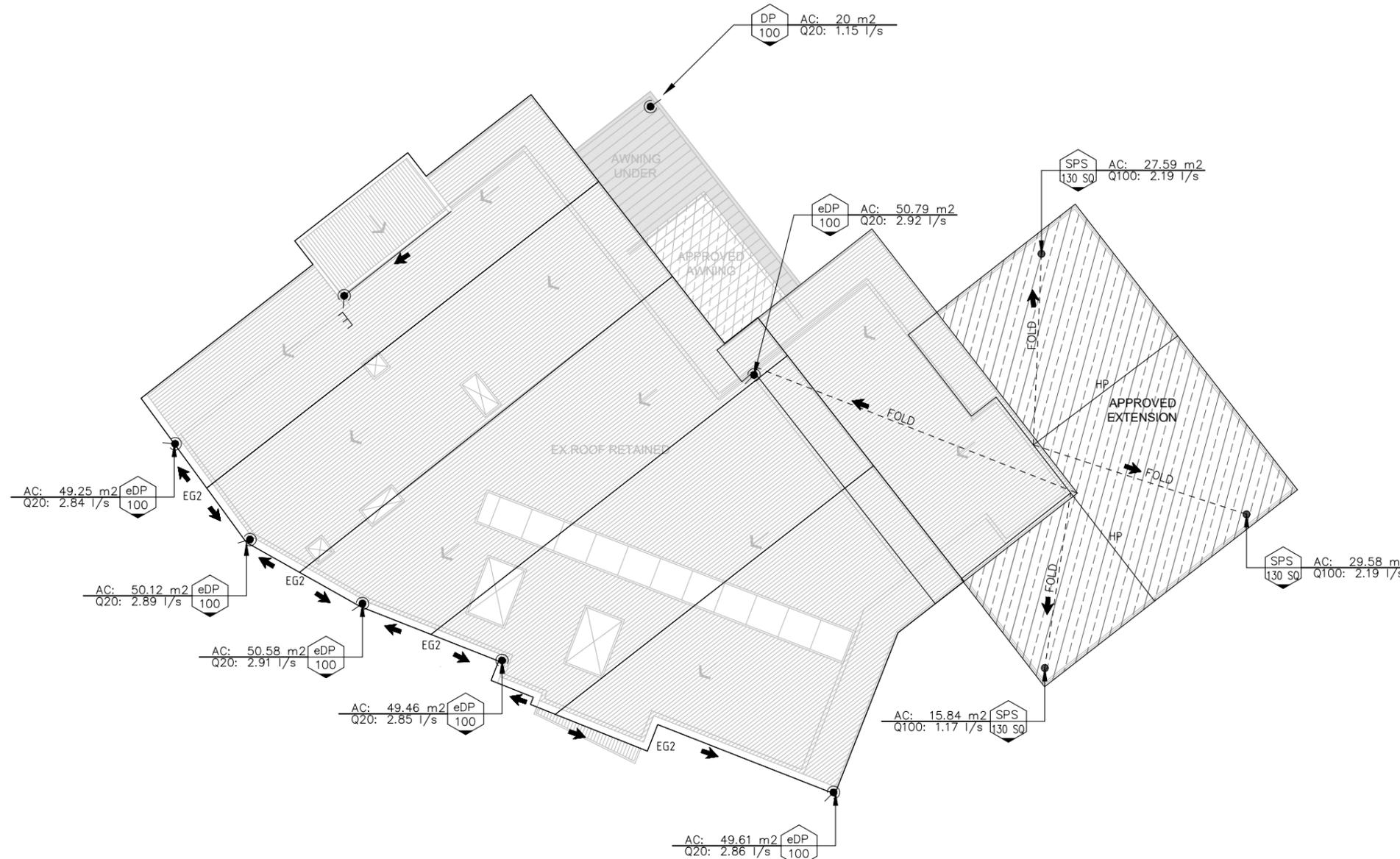
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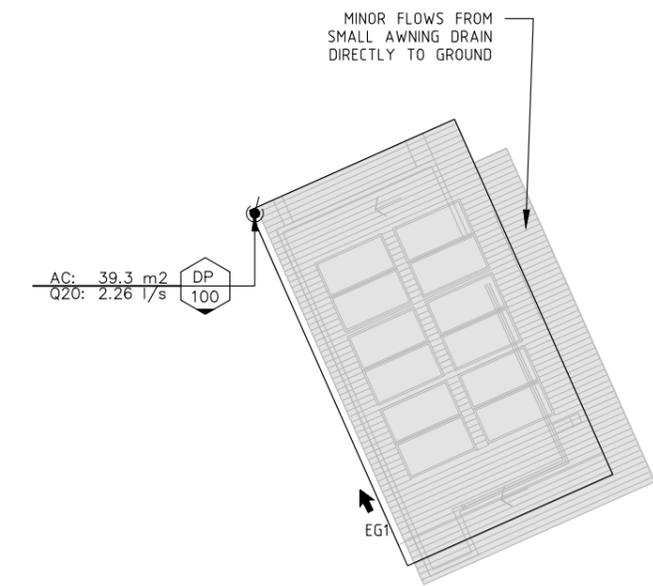


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8 COASTVIEW PLACE, FRESHWATER			
PIPE LAYOUT-LOWER GROUND FLOOR LEVEL			
Size	Status	Drwg No.	Rev.
A3	APPROVED FOR DA SUBMISSION	DR-002	2



PLAN 3  
ROOF LAYOUT—MAIN DWELLING  
1:200



PLAN 4  
ROOF LAYOUT—OFFICE  
1:200

**NOMENCLATURE**  
 DP - DOWNPIPE  
 eDP - EXISTING DOWNPIPE  
 LS - LEVEL SPREADER  
 EG - EAVES GUTTER  
 HP - EAVE GUTTER HIGH POINT  
 Ac - PLAN CATCHMENT AREA EXCLUDING ROOF PITCH  
 Q20 - 20YR 5 MINUTE ARI FLOW RATE  
 Q100 - 100YR 5 MINUTE ARI FLOW RATE

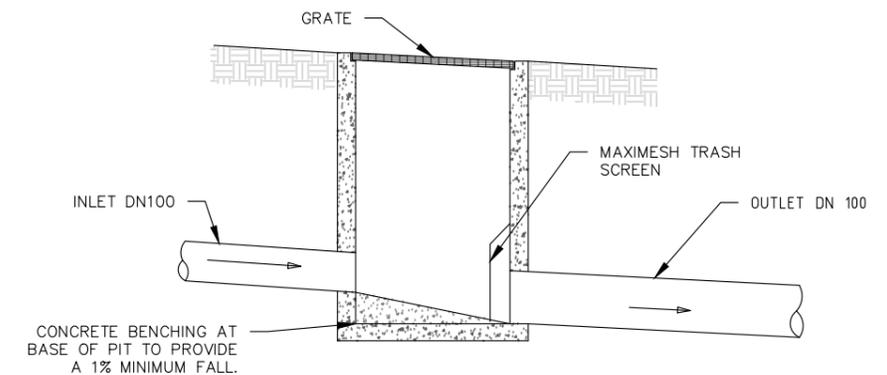
**GUTTER SIZING**  
 EAVES GUTTER DESIGNED TO ARI (20YR:202mm/hr)  
 SPS DESIGNED TO ARI (100YR:264mm/hr)  
 EG1 - MIN CSA 8,200 mm<sup>2</sup>  
 EG2 - MIN CSA 9,200 mm<sup>2</sup>

**LEGEND**

TYPE DIA DOWNPIPE TYPE AND DIAMETER

➔ DIRECTION OF FALL

┌ LEVEL SPREADER



DETAIL 1  
300 SQUARE MEDIUM DUTY PIT  
NOT TO SCALE

NOTES:

- 'LYSAGHT' MAXIMESH RH3030 (HOT DIPPED GALVANISED) OR EQUIVALENT.
- MAXI MESH SCREENS MUST BE PLACED SUCH THAT THE LONG AXIS OF THE OVAL SHAPED HOLES ARE ORIENTATED HORIZONTALLY WITH THE PROTRUDING LIP ANGLED UPWARDS AND FACING TOWARDS THE OUTLET.

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Scale

AS NOTED

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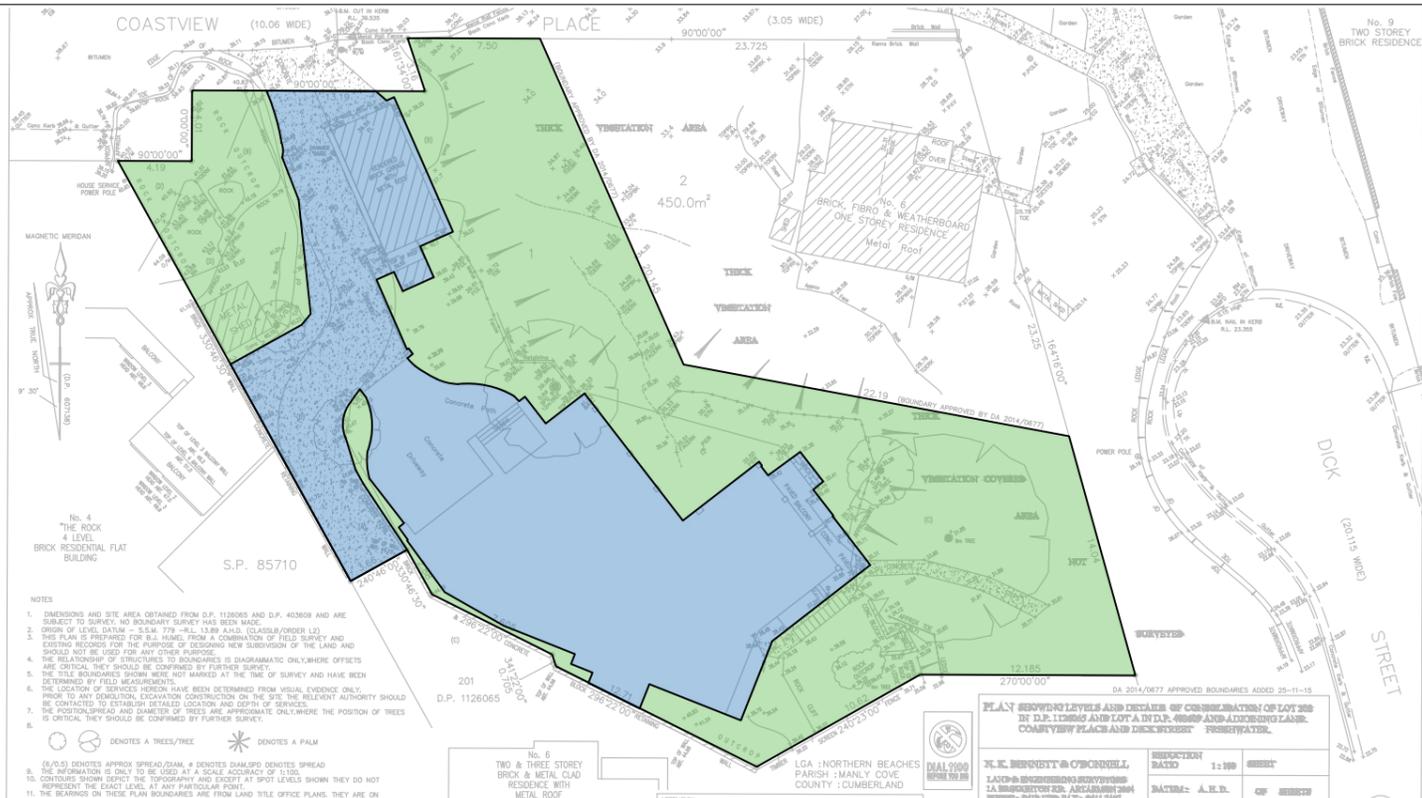
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ROOF LAYOUT

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Size	A3	Status	APPROVED FOR DA SUBMISSION	Dwg No.	DR-003	Rev.	1
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**EXISTING**  
 SITE AREA: 1152 m<sup>2</sup>  
 PERVIOUS: 677.45 m<sup>2</sup> (58.8%)  
 IMPERVIOUS: 474.55 m<sup>2</sup> (41.2%)

**LEGEND**  
 PERVIOUS  
 IMPERVIOUS  
 POOL

PLAN 5  
 SITE AREAS – EXISTING  
 1: 400



**PROPOSED**  
 LANDSCAPED AREA : 540.7 m<sup>2</sup> (46.93 %)  
 REFER TO ARCHITECTURAL DRAWING DA12 FOR BREAKDOWN

**OSD REQUIREMENTS:**  
 IN ACCORDANCE WITH WARRINGAH COUNCIL ON-SITE STORMWATER DETENTION TECHNICAL SPECIFICATION, ALL DEVELOPMENT APPLICATIONS FOR ALTERATIONS AND ADDITIONS FOR SINGLE RESIDENTIAL DWELLINGS WILL NOT REQUIRE OSD.

PLAN 6  
 SITE AREAS – PROPOSED  
 1: 400

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SITE AREAS					
Size	A3	Status	APPROVED FOR DA SUBMISSION	Rev.	1
Drw No.	DR-004				

