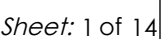


**TYPICAL STORMSLAB SYSTEM OVERVIEW 220mm**

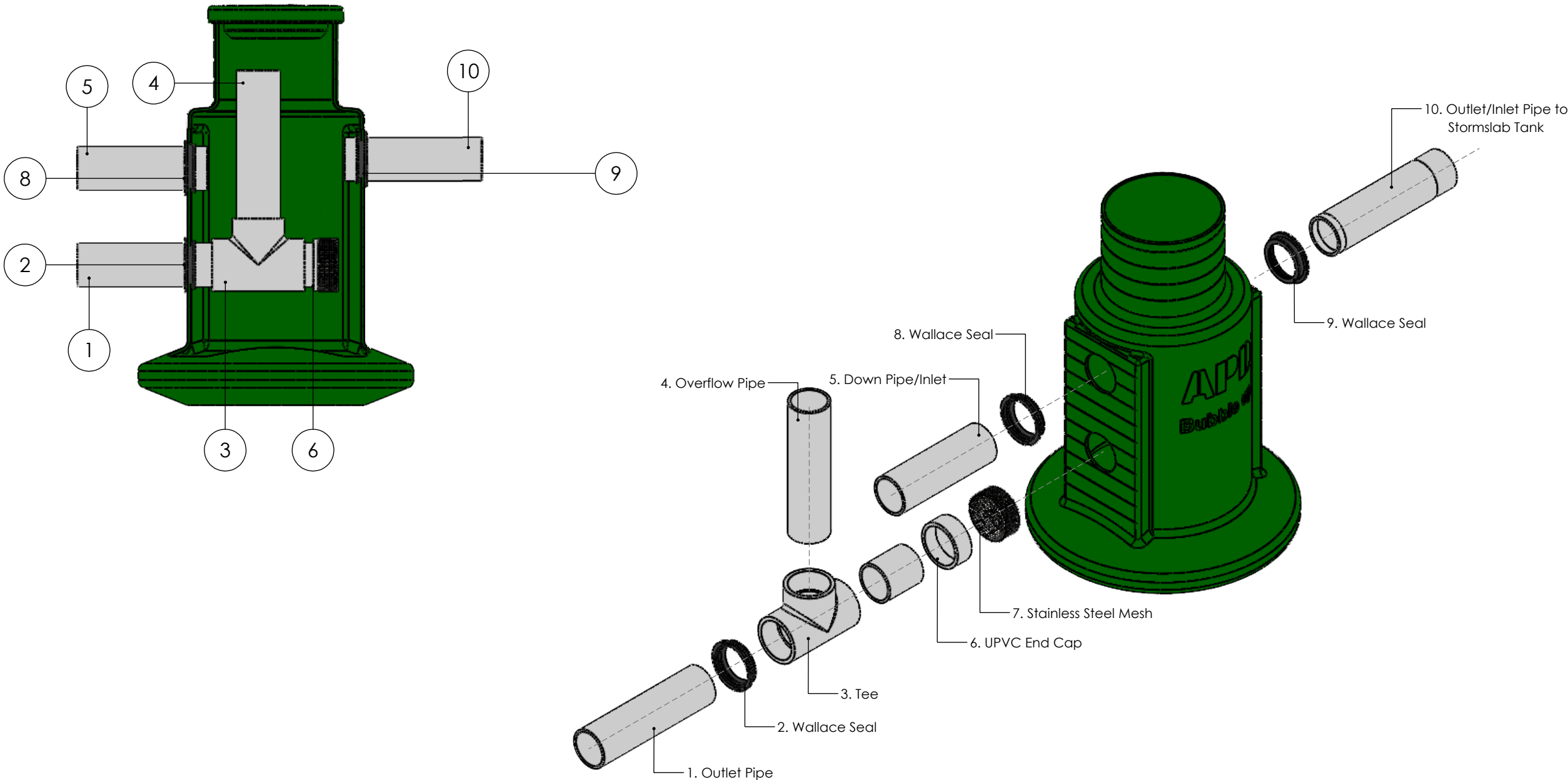
The diagram illustrates the components and layout of a typical StormSlab system, 220mm deep. The system is shown in a 3D isometric view, highlighting the concrete structure and the internal components.

**Key Components and Labels:**

- Concrete:** The outer structure of the system.
- Polystyrene:** The insulation blocks forming the grid.
- APD StormSlab Tanks:** The dark grey rectangular blocks with internal compartments, used for water storage and distribution.
- Flexible Coupler:** A component used to connect pipes.
- Down Pipe/Inlet:** The pipe that brings water into the system.
- Outlet Pipe:** The pipe that carries water away from the system.
- Outlet/Inlet Pipe to StormSlab Tank:** The pipe connecting the distribution chamber to the tanks.
- APD StormSlab Distribution Chamber:** A green cylindrical component that manages the flow of water into and out of the tanks.
- Venting Pipe:** A pipe used for venting the system.



Distribution Chamber Detail View

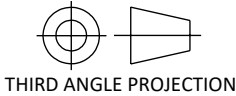


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Job # --

Prod #

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0.00 = +/- 0.10  
0.000 = +/- 0.01

MATERIAL: --

Sheet 2 of 6

DESIGNER: DA

DRAWN BY: DA

SCALE: VARIES - CHECK SHEET

CHECKED: --

PRINT DATE: 14/11/2022

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Project

APD StormSlab Tank

sub ass

Distribution Chamber

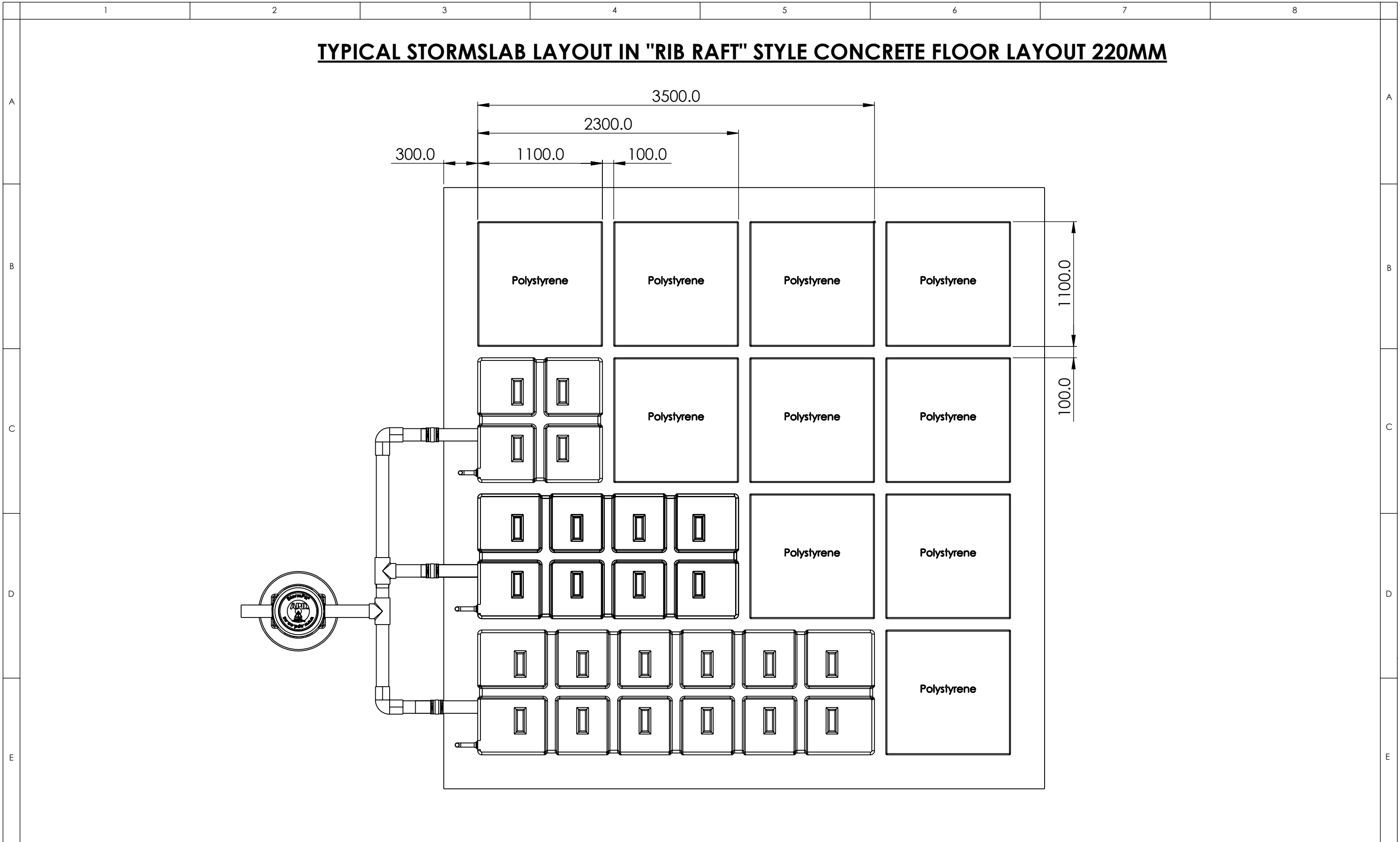
part name

Detail View

DWG No. ---000-002

REVISION: A

ALL DIMENSIONS IN MILLIMETRES (mm)



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Designer: RR  
Drawn By: RR

ALL DIMENSIONS IN  
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Project

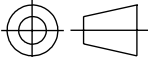
APD STORMSLAB TANK

Part Name:

STORMSLAB SYSTEM 220MM

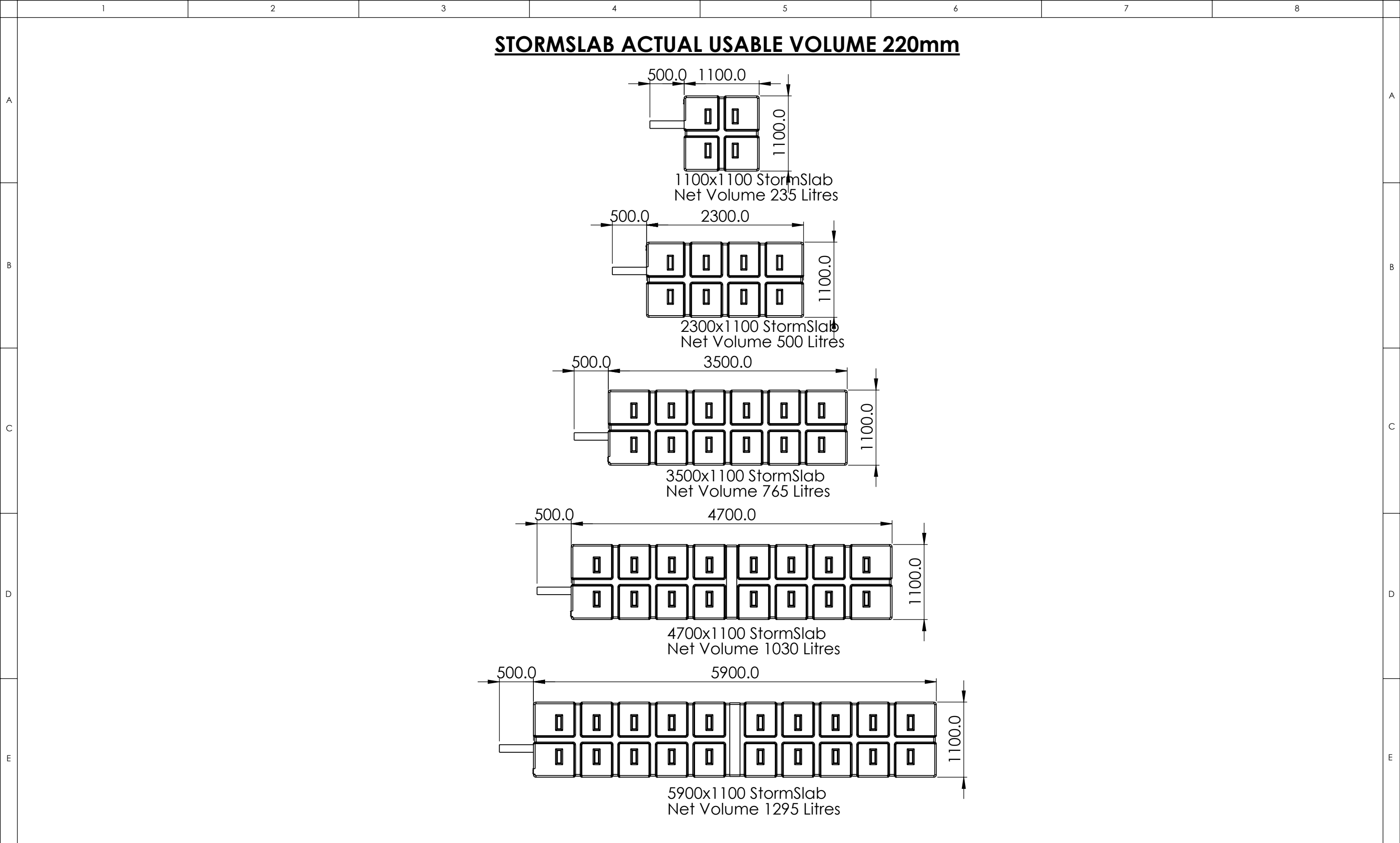
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A

Print Date: 25/06/2025



Scale: 1:100

Sheet: 3 of 14



500.03500.0

1100.0

3500x1100 StormSlab

Net Volume 765 Litres

500.04700.0

1100.0

4700x1100 StormSlab


Net Volume 1030 Litres

500.05900.0

1100.0

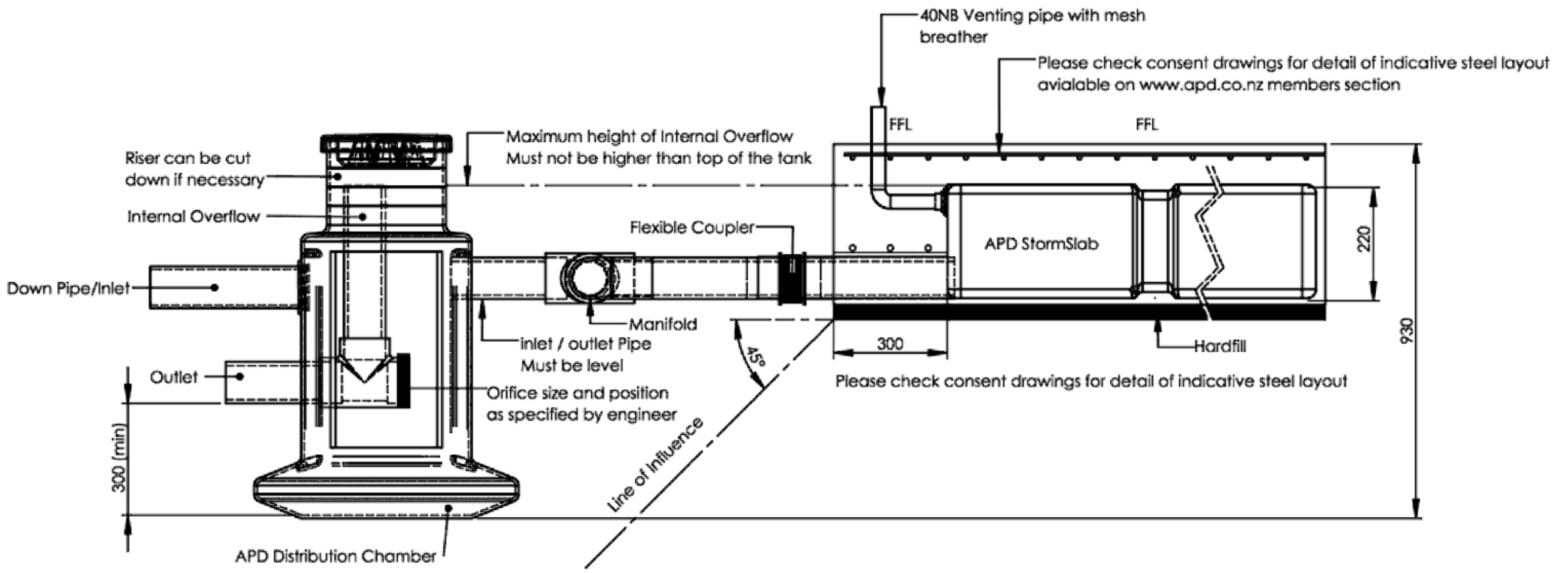
5900x1100 StormSlab

Net Volume 1295 Litres

<div><div>APD</div><div>APD LTD 49 McLaughlins Road, Wiri, AUCKLAND NEW ZEALAND  TEL: 00 64 9 263 7741 FAX: 00 64 9 263 7743 www.apd.co.nz</div></div>	<div>REMOVE ALL SHARP EDGES 0.5 X 45</div>	<div>CAD DRAWING NO MANUAL REVISIONS REQUIRED DO NOT SCALE</div>	<div>Material:</div>	<div>Project</div> <div>APD StormSlab Tank</div>			
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			<div>Drawn By: RR</div>	<div>USABLE NET VOLUMES 220mm</div>			<div>A</div>
			<div>ALL DIMENSIONS IN MILLIMETRES (mm)</div>	<div>Print Date:25/06/2025</div>	<div></div>	<div>Scale: 1:20</div>	<div>Sheet: 9 of 14</div>



STORMSLAB CONNECTION CROSS SECTION 220MM



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Designer: RR	Part Name: CROSS SECTION 220MM	
Drawn By: RR	Print Date: 25/06/2025	Rev. A
ALL DIMENSIONS IN MILLIMETRES (mm)	Scale: 1:100	Sheet: 13 of 14

**StormSlab Connection Cross Section for Full Retention System  
+ Pump Pipework 220mm**

Labels and Dimensions:

- Riser can be cut down if necessary
- Internal Overflow
- Down Pipe/Inlet
- Outlet
- 300.0 (Min)
- APD StormSlab Distribution Chamber
- Maximum height of internal overflow must not be higher than the top of the tank
- Flexible Coupler
- Mainfold
- Inlet/Outlet pipe must be level
- Line of Influence
- 40NB venting Pipe with mesh breather
- FFL
- Please check consent drawings for detail of indicative steel layout available on [www.apd.co.nz](http://www.apd.co.nz) members section
- APD StormSlab
- Hardfill
- 300.0
- 220.0
- 930.0
- FFL

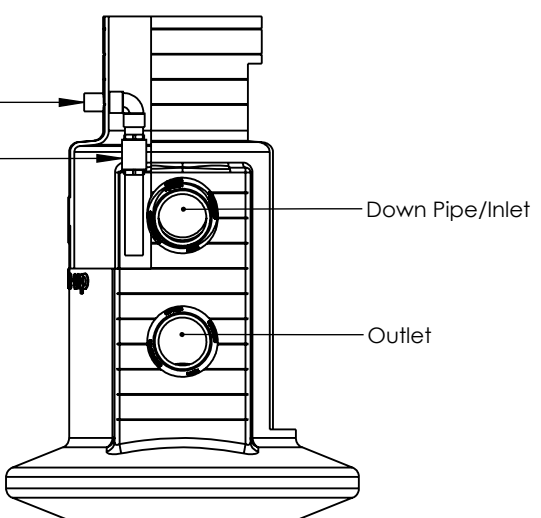
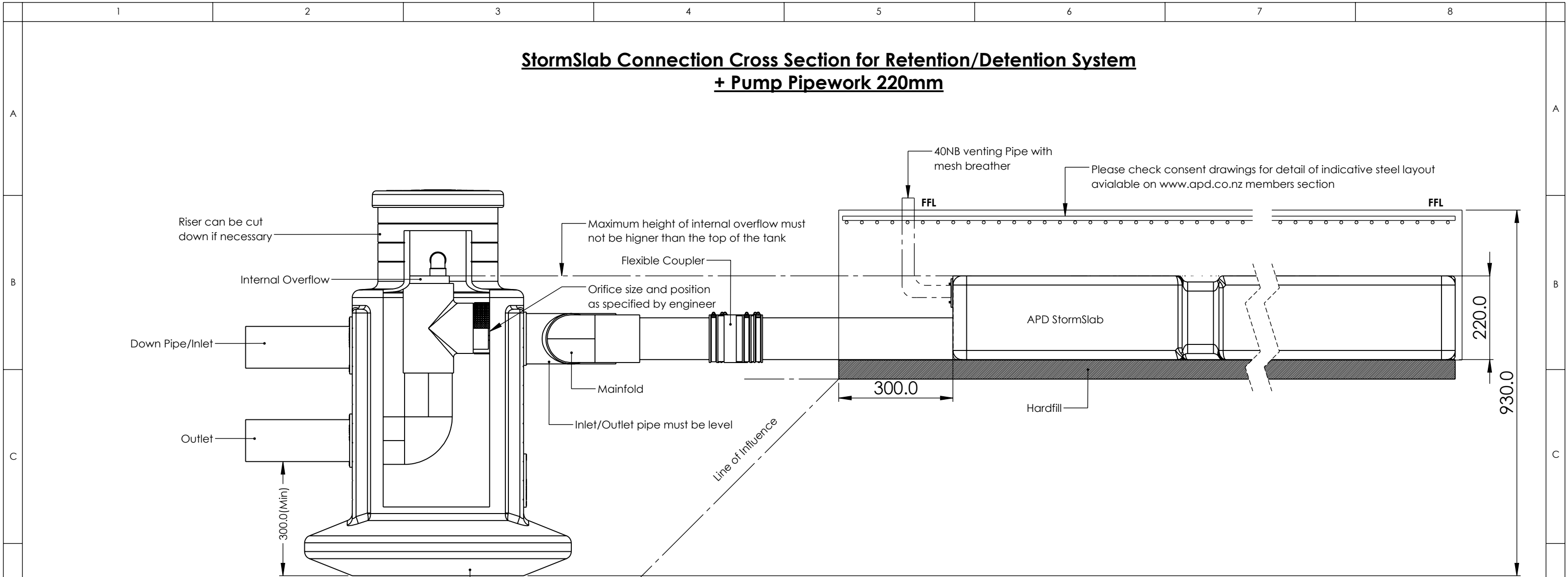
**\* Front Cut Section View of Distribution Chamber**

Labels for Front Cut Section View:


- Pump Suction Line
- Non-Return Valve
- Down Pipe/Inlet
- Outlet

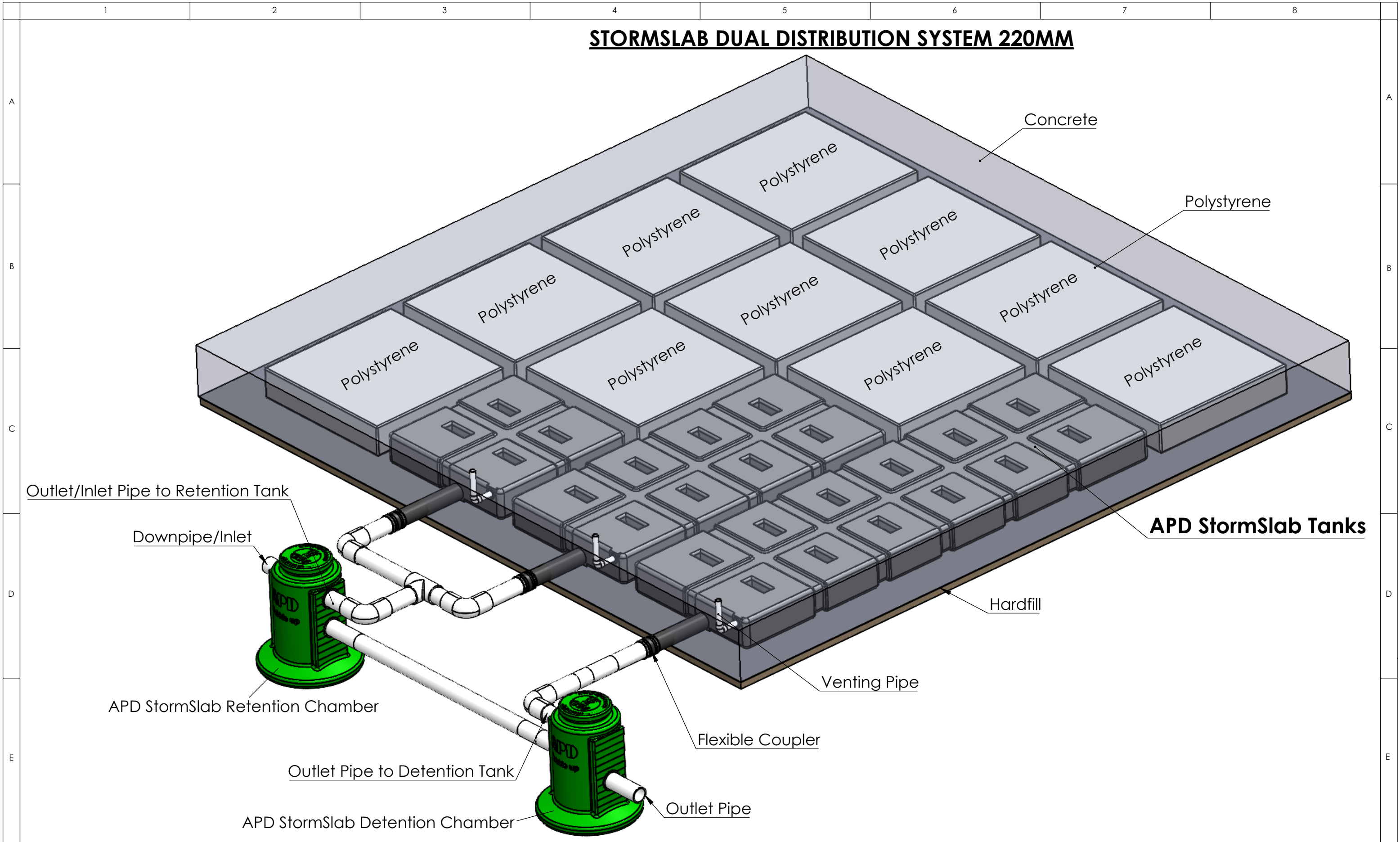
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\* Front Cut Section View of Distibution Chamber

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						DESIGNER: RR		CHECKED: --		sub ass	
						DRAWN BY: RR		PRINT DATE: 25/06/2025		StormSlab System 220mm	
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										Retention/Detention System	
										DWG No. ---000-007	
										REVISION: H	
										ALL DIMENSIONS IN MILLIMETRES (mm)	



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Material:

Designer: RR  
Drawn By: RR

ALL DIMENSIONS IN  
MILLIMETRES (mm)

Project

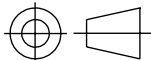
APD STORMSLAB TANK

Part Name:

DUAL DISTRIBUTION SYSTEM 220mm

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Sheet: 1 of 14