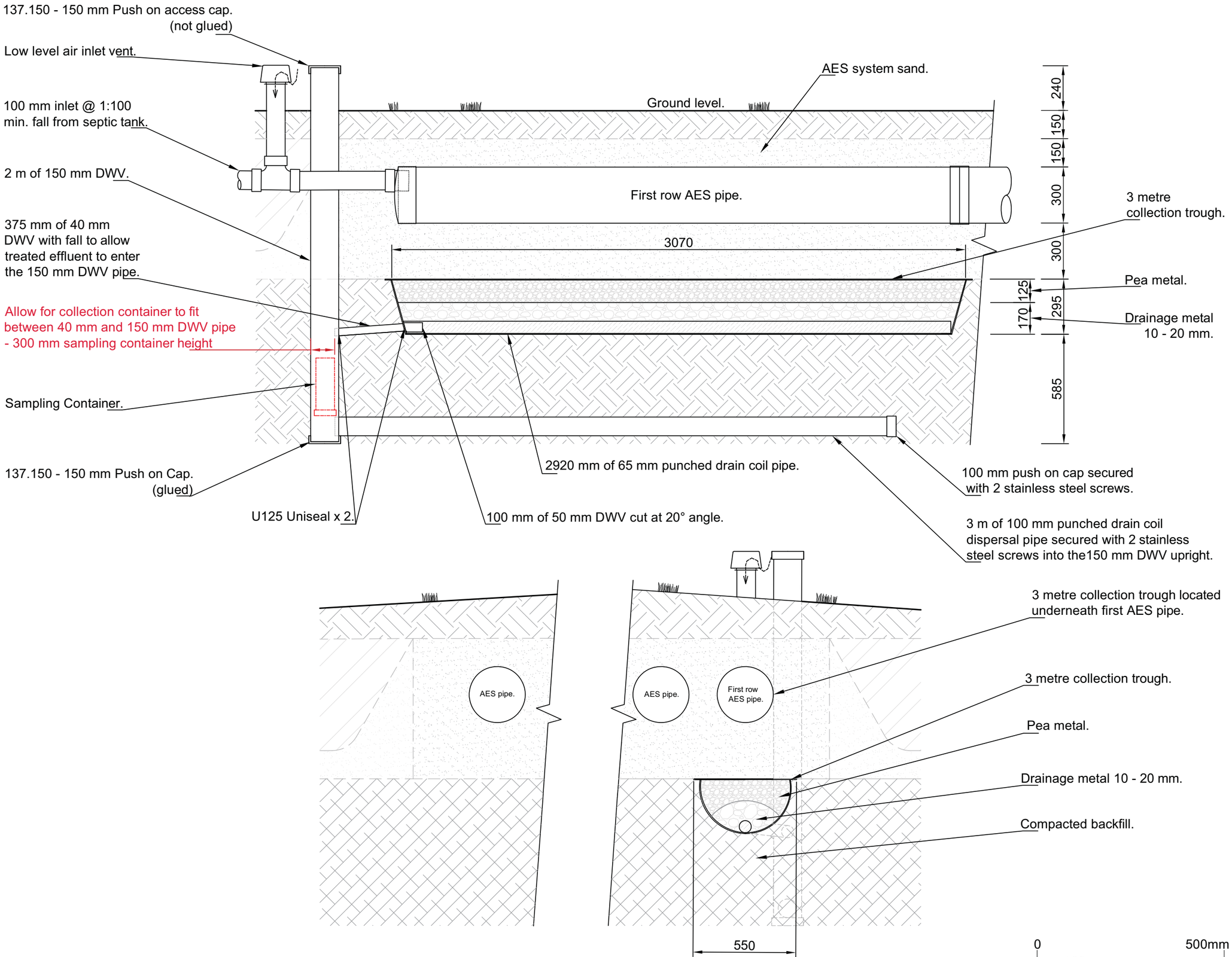

NOTES

Sample Port Components:

- 2 m length of 150 mm DWV
- 500 mm length of 40 mm DWV (375 mm required)
- 100 mm length of 50 mm DWV cut at 20°
- 2920 mm length of 65 mm punched drain coil pipe
- 3 m length of 100 mm punched drain coil pipe
- 3 m black trough
- 2 x U125 uniseal
- 2 x 137.150 push on caps
- 4 x Stainless steel screws
- 100 mm push on cap screwed to 100 mm drain coil

Installation notes

- The sample port is to be installed underneath the first row of AES pipes.
- The 375 mm of 40 mm DWV must extend into the 150 mm DWV pipe in a way that does not obstruct the lowering of the sampling container into the 150 mm DWV pipe.
- The complete compaction of the backfill under the collection trough is required to ensure the sample trough is not disturbed during the installation and operation of the AES bed.

Sampling Container

It is recommended that the sampling container is constructed from a 300 mm long piece of 100 mm DWV pipe with a 100 mm push on cap glued to it. To insert and retract the sampling container, a suitable length of nylon cord can be attached to the container and fastened off at the top of the 150 mm DWV sampling port. Place the sampling container in the sample port only when sampling, otherwise store it cleanly to avoid sample contamination.

Sample Port Commissioning

Two test must be conducted. The first test takes place prior to backfilling and the second test occurs after 300 mm sand media is in place.

1. Wet the sample port/sand media.
2. Add a known volume of liquid to the collection trough OR the sand above.
3. Measure the volume recovered in the sample container.

The result of this testing should be provided to the owner.

Commissioned by: Date:	Volume of water added	Volume of water collected	All water added collects in sampling container Y/N
Test 1 Collection trough before backfilling			
Test 2 300 mm wetted sand media above collection trough			

DESIGNED BY	PROJECT	DRAWING TITLE	No.	Revision	Date	Name		
		Sample Port Details Sheet					Scale @A3	1:20 & 1:10
							Scale @A4	1:40 & 1:20
							Dwg: AES SP01	

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