

# APPENDIX 4

## Proposed flood measures

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**Photo 1 – Roadside infiltration pit**





**Photo 2 – Linear drain followed by a speed bump**





**Photo 3 – Roadside storm drain**





**Photo 4 – Large infiltration basin**





**Photo 5 – Runoff storage facility**





**Photo 6 – Small bioswale / infiltration basin**





**Photo 7 – Large infiltration basin created inside a gully**



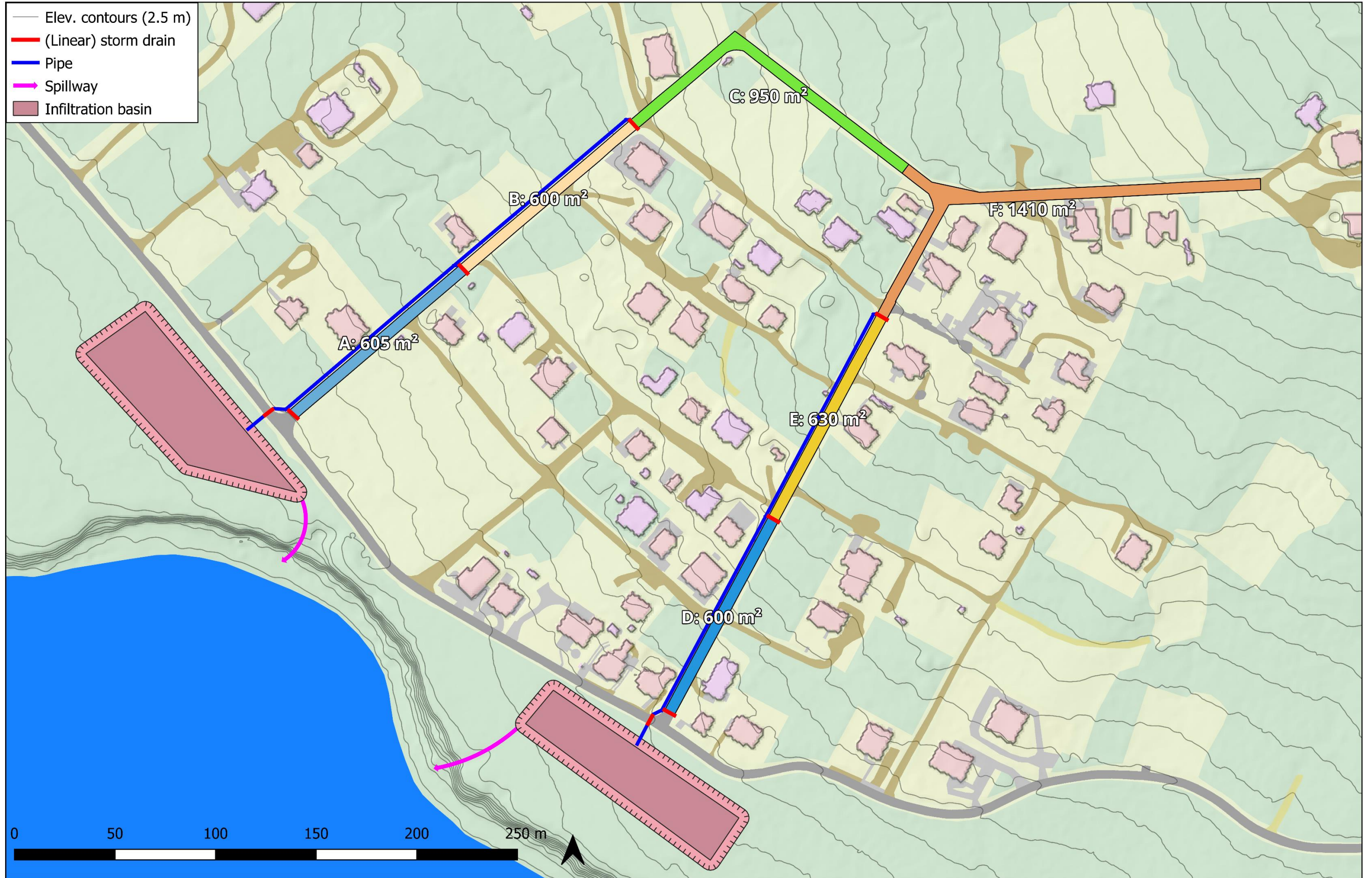


### Subdivision measures – Layout with several storages throughout the area



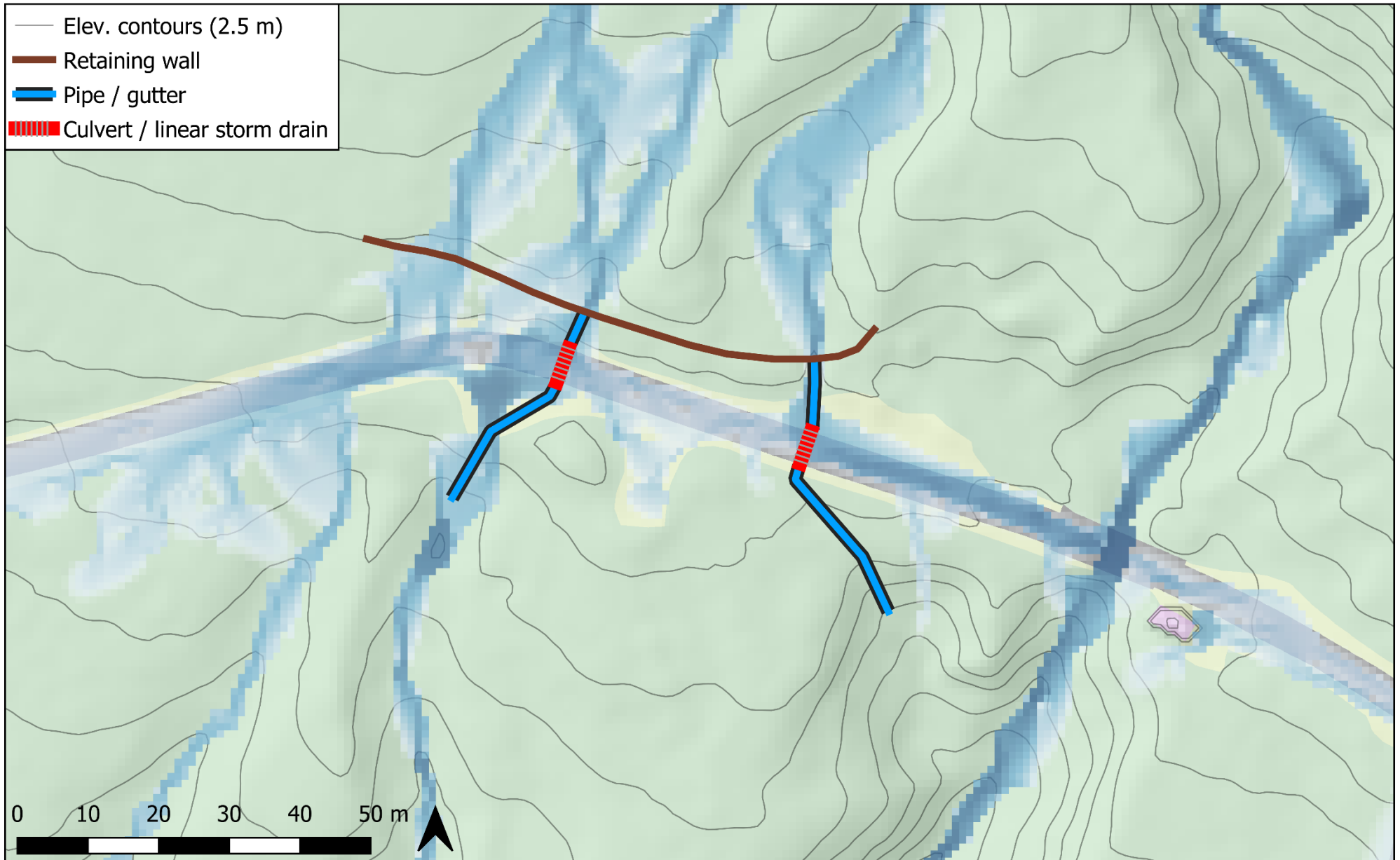


S.R. Stapel, 2023  
RAINFALL-RUNOFF MODELLING TO ASSESS FLOOD HAZARS ON SINT-EUSTATIUS, CARIBBEAN NETHERLANDS  
**Subdivision measures – Layout with two large infiltration basins at the base of the slope**





### Active gully measures – Culverts below Weg naar White Wall





### Active gully measures – Rerouting towards gully 1

