

Climate Action, Energy &
Environment SPC,
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Flood Resilience Climate Change
Action Plan - Update

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Climate Change Action Plan

Flood Resilience

- 42 Actions numbered F1, F1A to F41.
- F1 & F1A Implementation of Flood Risk Management Guidelines on Projects and Planning Applications is being applied.
- F2 & F19 Emergency Flood Response Plans and workshops is ongoing.
- F3 Implementation of Flood Awareness campaign. We are supporting OPW.
- F4 & F13 Flood warning & monitoring. Increased network of monitors and upgraded software. Contractor appointed
- F5 new SuDS design guide. Consultant appointed 2020.
- F6 SuDS being implemented in DCC Projects.

CCAP-Flood Resilience 2

- F7 Build SuDS Demonstration Sites. One under construction. One at design stage.
- F8 Dublin Bay Sentinel Group, DCC, Fingal, DLRCC, Dublin Port.
- F9 Parks, Flooding, WFD working on Coastal projects. Clontarf, Sandymount, Bull Island
- F10. Flooding assisting Biosphere Programme.
- F11. Hemp baskets. Phase 3 Sandymount FAS.

CCAP-Flood Resilience 3

- F12 Identify ICW areas. Tolka, Finglas Luas.
- F14 Ph 2 Gully Monitoring SBIR. Trials finished.
- F15 Climate Change Impact GIS risk map. Not started.
- F16 CC impacts, response & costs template. Developed and in use.
- F17. Pluvial working group in place.
- F18. Draft Policies in new Development Plan.
- F20-F34. CCA being incorporated. F20, F23 & F27 substantially completed.

CCAP-Flood Resilience 4

- F35. Increased buffer distances to waterbodies study completed. Draft Development Plan.
- F36 Community Involvement in SuDS. Ongoing on Santry and Dodder.
- F37. Drone Survey of paved areas in City. Ongoing.
- F38. Environmental Surveys of rivers & Estuaries. Clontarf, Camac, Dodder, Poddle, Santry ongoing.

CCAP-Flood Resilience 5

- F39. Increased Funding for gully cleaning. Achieved. Gully cleaning down from 15 months to 9 months or less. Priority gullies.
- F40. Working with LAWPRO. Hosting 6-7 of them and working closely with them and communities. Stoneybatter projects.
- F41. Communications campaigns, Flood Risk Management & Natural Management Measures. Ongoing within DCC and with outside agencies.

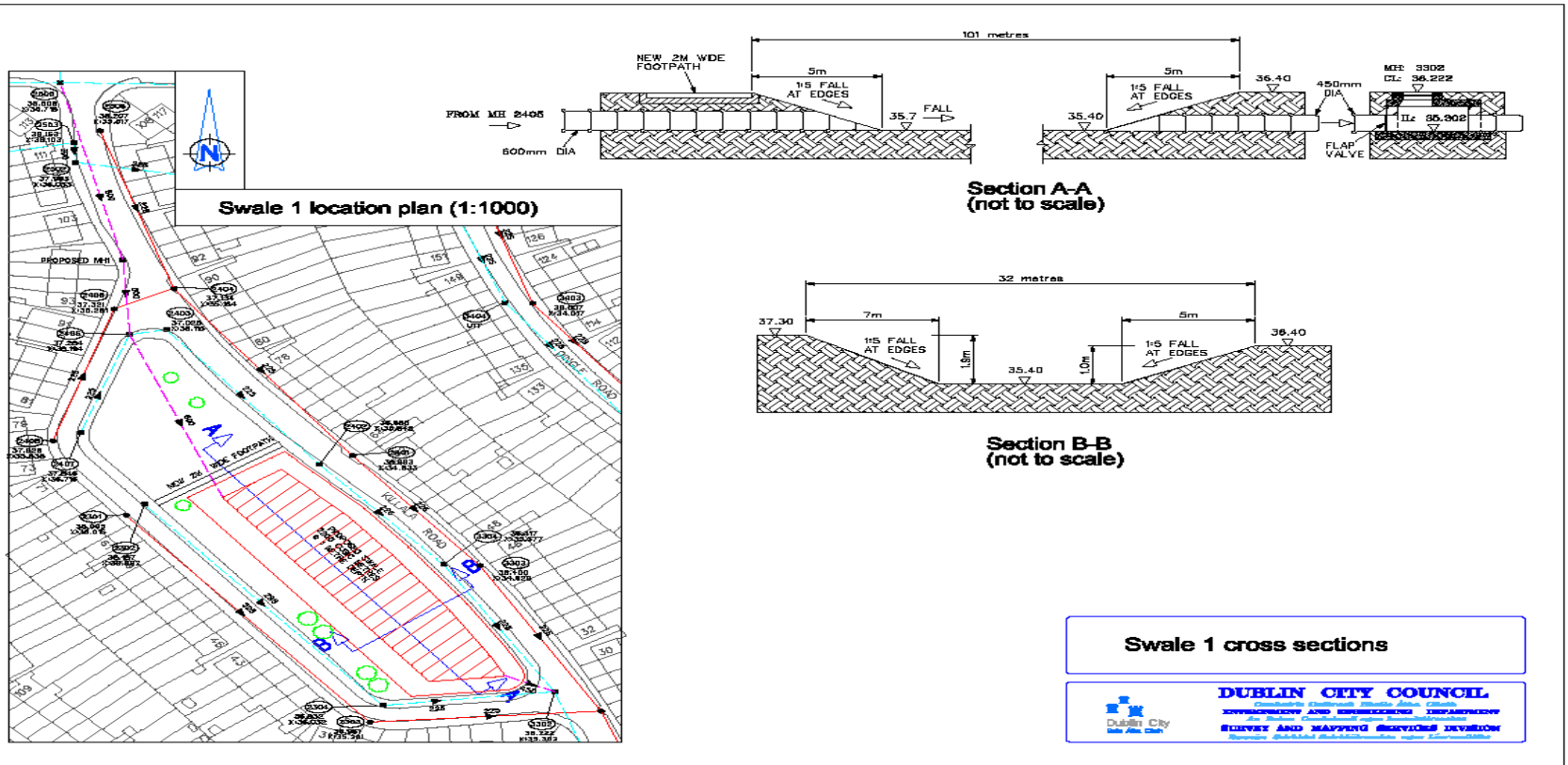
Dingle Road, Climate Change Flooding

- Severe flooding in Dingle road in 2008, 2009 and 2011 lead to the construction of two large swales or flood retention ponds at Killala Road and Drumcliffe Road. These have reduced flooding in the area significantly including some subsidiary perched pluvial flooding areas.
- As there was no room to do anything much in Dingle road all of the works had to be carried out in nearby areas of the drainage catchment with the good will of neighbouring communities.
- Part 8 Planning permission was required for these significant changes to local green areas as well as consultation with other Division within DCC particularly the Parks Division.

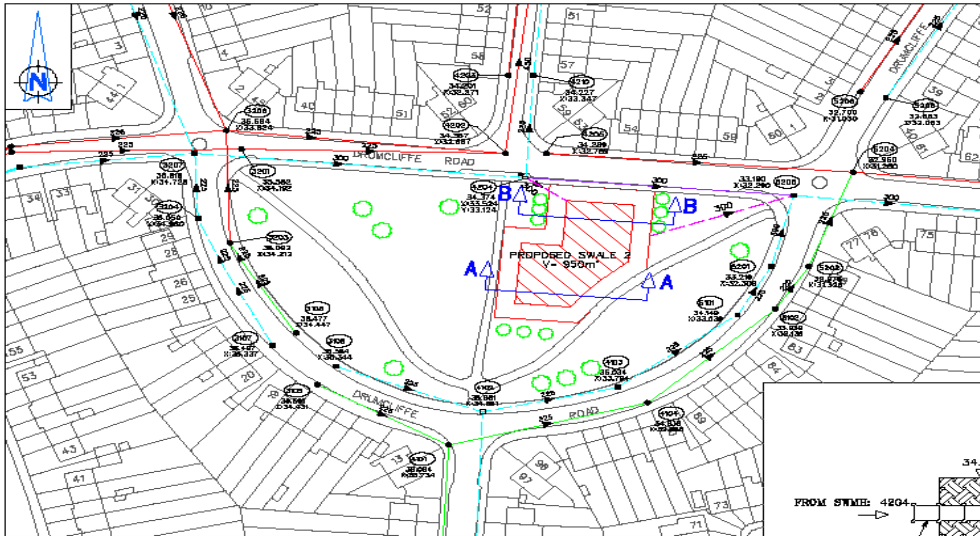
Flooding in Dingle Road, 2011



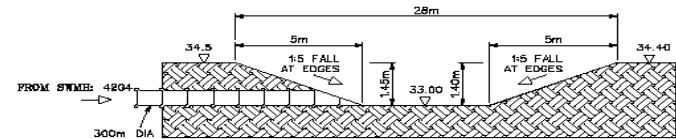
Killala Road Swale



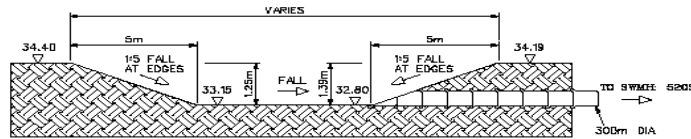
Swale at Drumcliffe Road, Cabra



Swale 2 location plan (1:1000)



Section B-B
(not to scale)



Section A-A
(not to scale)

Swale 2 cross sections

As constructed Drumcliffe & Killala Swales



Any Questions