



900 mm CONCRETE PIPE
WITH min 2500mm WIDE BOX
CHAMBER / HEADWALL TO
TIE INTO EXISTING CULVERT
UNDER STONE WALL

STORM WATER DIVERSION - NETWORK DETAILS						
Manhole Name	Cover Level (m)	MH Depth (m)	Pipe Out PN	Pipes In Invert Level (m)	Pipe Out Invert Level (m)	Pipes In Backdrop (mm)
DS1	59.290	1.350	DS1.000		57.940	300
DS2	59.250	1.489	DS1.001	57.761	57.761	300
DS3	58.750	1.493	DS1.002	57.257	57.257	300
DS4	58.250	1.325	DS1.003	56.925	56.925	300
DS5	58.250	1.657	DS1.004	56.593	56.593	300
DS6	58.300	1.870	DS1.005	56.430	56.430	300
DS7	58.000	1.996	DS1.006	56.004	56.004	300
DS8	58.000	2.387	DS1.007	55.613	55.613	300
DS9	57.750	2.397	DS1.008	55.353	55.353	300
DS	57.450	2.213		55.237	OUTFALL	

- Watermain Notes:**
1. All watermain works shall be carried out in accordance with Irish Water Standard Details and Code of Practice for Water Infrastructure Document CWS-5020-03.
 2. All pipe materials shall be in compliance with Section 3.9 of Irish Water Code of Practice Document CWS-5020-03.
 3. Individual water service connections and boundary boxes shall be in accordance with Irish Water standard details as set out in IW Wastewater Infrastructure Standard Details document - IW-CDS-5020-01.
 4. Separation distances from other services, boundary walls etc. shall be in accordance with Irish Water standard details as set out in IW Wastewater Infrastructure Standard Details document - IW-CDS-5030-01.
 5. Separation distances from trees, shrubs etc. shall be in accordance with Irish Water standard details as set out in IW Wastewater Infrastructure Standard Details document - IW-CDS-5030-01.
 6. On line and off-line air valve details shall be in accordance with Irish Water standard details as set out in IW Wastewater Infrastructure Standard Details document - IW-CDS-5030-01.
 7. Sluice valve details shall be in accordance with Irish Water standard details as set out in IW Wastewater Infrastructure Standard Details document - IW-CDS-5030-01.
 8. On line and off-line hydrant details shall be in accordance with Irish Water standard details as set out in IW Wastewater Infrastructure Standard Details document - IW-CDS-5030-01.
 9. Scour valve and chamber details shall be in accordance with Irish Water standard details as set out in IW Wastewater Infrastructure Standard Details document - IW-CDS-5030-01.

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Storm Water Network Layout

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Scale 1:250 @ A1 1:500 @ A3	Status S4	Rev P05