



Chamber ID	Description
ICW Break Chamber	1.8m Dia valve chamber to split flow between ICW
Sump 1	2.1m internal diameter leachate collection chamber
Sump 2	2.1m internal diameter leachate collection chamber
Sump 3	2.1m internal diameter leachate collection chamber
Leachate Distribution Chamber LDC1A	2.7m diameter precast concrete valve chamber
Leachate Distribution Chamber LDC1B	1.8m diameter precast concrete valve chamber
Leachate Distribution Chamber LDC2A	2.7m diameter precast concrete valve chamber
Leachate Distribution Chamber LDC2B	1.8m diameter precast concrete valve chamber
Flowmeter FMA	1.2m diameter precast concrete valve chamber housing flowmeter.
Flowmeter FMB	1.2m diameter precast concrete valve chamber housing flowmeter.
Chamber C1	3.0m diameter precast concrete valve chamber housing flow analyser and motorised valve. Depth n/e 2.5m
Chamber C2	3.0m diameter precast concrete valve chamber housing flow analyser and motorised valve. Depth n/e 3m

- NOTES**
- Verifying Dimensions.**
The contractor shall verify dimensions against such other drawings or site conditions as pertain to this part of the work.
 - Existing Services.**
Any information concerning the location of existing services indicated on this drawing is intended for general guidance only. It shall be the responsibility of the contractor to determine and verify the exact horizontal and vertical alignment of all cables, pipes, etc. (both underground and overhead) before work commences.
 - Issue of Drawings.**
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 - Keys:**

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- Keys:**
- 50mm Ø MDPE Header (Supply) Pipes
 - 80mm Ø MDPE Header (Supply) Pipes [between 90mm HDPE main and LDC1B/2B]
 - 150mm Ø nb uPVC pipe [between ICW Break chamber and connected to inlets to ICWs]
 - 90mm Ø HDPE PE100 Pumping Main
 - 50mm Ø MDPE Pumping Main from leachate tower to 90mm HDPE pumping main with 100mm bed and surround
 - 150mm Ø HDPE Outfall Pipe [To Drainage Ditch] with 100mm bedding and surround
 - Existing 63mm Ø HDPE Outfall Pipe [To Collection Sump]
 - Existing Lined French Drain (Runoff Drainage)
 - Existing Leachate Toe Drain - Collecting Leachate from beneath landfill cap and discharging to Collection Sump
- GW4A Ground Water Monitoring Boreholes
 - LG6A Gas Monitoring Boreholes
 - L3A Leachate Monitoring Boreholes
 - SW11 Surface Water Monitoring Points
 - * PV07 Road Side Passive Wells (PV01 - PV07)
 - △ PV10 Passive Wells (PV08 - PV18)

rev	amendments	drawn	date

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Donegal County Council

Project
Churchtown License Review

Title
Leachate System

Drawing Status	Sheet Size	Drawing Scale
Preliminary	A3	1:2000

Drawing Number	Rev
IBR1015 /103	-

Project Leader	Drawn By	Date	Initial Review
DD	AMB	May - 2017	JD

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