Summary of pressure distribution design

Investigation of soil suitability and information for household

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Step 1: Distribution area configuration
(Length and width)

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Steps 2-5: Lateral design
(Length, distance, size, hole numbers and space, head and flow rate)

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Steps 6-7: Manifold and main design
(Pipe size and length, connection method and system flow rate)

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Steps 8-12: Configuration of mains and total dynamic head
(TDH)

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Step 13: Pump selection by GPM/TDH

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Steps 14-16: Dosing chamber design
(Pipe volume, dose volume, and size of dosing chamber)

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Step 17: Pump installation in dosing tank with level switch
(Configuration of dosing chamber and installation of switch)

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Electrical system