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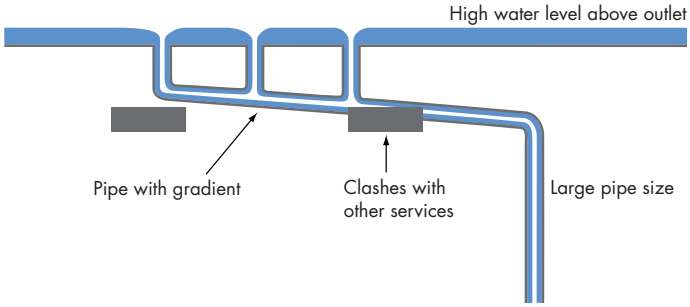
INTRODUCTION:

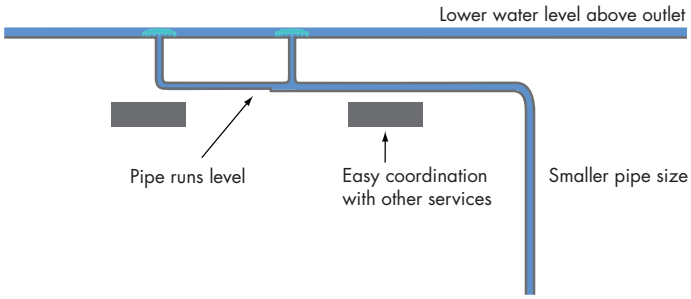
MIFAB has taken the leadership role in providing superior siphonic solutions specifically engineered for the US construction industry. The Siphonic principle has been understood for thousands of years based on mathematical calculations that were documented in the 16th century. These roof drainage techniques have been practiced worldwide for over three decades and provide a superior solution to conventional gravity based systems.

CONVENTIONAL & MIFAB SIPHONIX ROOF DRAINAGE COMPARED:

Conventional roof drainage relies on gravity and a sloped network of pipes designed to operate at atmospheric pressure, thus introducing a greater volume of air than water in the pipe system which creates inefficiencies and excess costs in material and labor.



MIFAB Siphonix roof drains are a superior means of removing roof rainwater from buildings with low slope roofs, large or small. The elimination of air and less reliance on gravity means that design professionals and contractors can reduce costs, improve design efficiency, protect the environment and save money in a multitude of ways.



MIFAB's unique solution combines our familiar roof drain components with the MIFAB Siphonix air baffle. The baffle prevents the entry of air into the system to provide a superior means of removing roof rainwater from buildings with low slope roofs, large or small. Proper calculations provide optimum efficiency. All calculations are configured and optimized by supplying engineers with the easiest, fastest and best system design software available.

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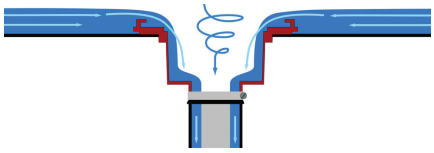
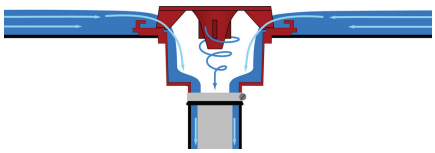
KEY BENEFITS OF MIFAB SIPHONIX ROOF DRAINS:

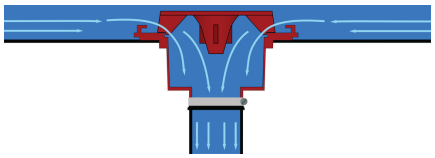
- Opportunity to earn LEED points
- Material and Installation cost savings through reduced pipe size with less building excavation
- Faster installation time
- Increased ROI for the owner by producing more usable space.
- MIFAB's proprietary design software ensures accurate layout and material usage.
- Controlled delivery of runoff to a specific building location for rainwater harvesting
- Enhanced coordination with other services (e.g. Concrete, HVAC) due to horizontal pipe installation at higher levels



Conventional roof drain: water drains into the sump and exits with annular flow under the influence of gravity. Up to 70% of the pipe volume can be filled with air!



MIFAB Siphonix roof drain with low rainfall and the water level below the height of the air baffle: behaves just as a conventional roof drain.



MIFAB Siphonix roof drain working siphonically: air cannot enter the system, water completley fill the pipes.

MIFAB EXPERTISE IS "ON CALL"

Increase the satisfaction your clients receive from you by having our staff assist you in the design process. We will guide you through an analysis that includes:

- The type of pipe material used for each system installation.
- The maximum design storm conditions anticipated for your area.
- The size of the roof area[s] to be drained.
- The height of the building and available routes through the building envelope from roof drains to downpipe locations.

Such analytical calculations can be complex but do not need to be intimidating when you work with our expert staff that can guide you through the use of the right specialist software.

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MIFAB'S ENGINEERING TEAM WILL DESIGN THE SIPHONIC ROOF DRAIN SYSTEM FOR YOU AT NO COST.

CALL TODAY TO DISCUSS YOUR PROJECT CHALLENGE WITH OUR STAFF: 773.341.3001

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