



In order to correctly design a Mifab HydroMax™ Siphonic roof drain system the following information is needed:

1. Name, address, contact details including email address of Engineer of record or Design Build Contractor (Please include all contact info in order to set up access to HydroTechnic software).
2. Project title.
3. Project address (City, State & Zip at least).
4. Designed rainfall rate (Inches per Hour).
5. Piping material: Schedule 40 solid wall PVC or Cast Iron (If PVC, specify sizes you have access to).
6. For quicker turnaround time (2-3 days).
 - A. Fully dimensioned Isometric drawing of each system with GPM's at each drain location. (see reverse)
7. For a standard turnaround time (no. of days dependent on complexity and size).
 - A. Plans showing or that can help us determine the following (In AutoCAD .DWG file format only. We can't use .PDF files).
 - i. Catchment areas or the GPM's per drain location (Roof Plans).
 - ii. Preferred piping routes and discharge points (Floor Plans directly below roof.).
 - iii. Elevation from drain to horizontal.
 - iv. Elevation from horizontal to discharge.
8. Confirmation of below grade being designed to free flow or surcharge (If surcharging, we need to know the height between the center of siphonic horizontal line at discharge to the manhole grate cover).

Please include all the information needed for Mifab to correctly assist the sizing of the system for you.

As a reminder, we can only assist in the design of the system so it is important that you check the location of the pipework to ensure no clashes with other services or the structure or any other items that may interfere with the designed pipe routing.

The Engineer of Record should access HydroTechnic, download, and or print the design calculation report, BOM and drawing files. All dimensions, gpm's, routes, pipe materials, etc. should be verified before it goes out for quote.

Thank you for letting us help you in the design of your siphonic roof drain system.

Please contact us at hydromax@mifab.com at any time for assistance.

