**HydroMax Project Design Submission Form**

**Design Starting Point:**

# PROJECT DETAILS

|  |  |  |  |
| --- | --- | --- | --- |
| Project Name |  | | |
| Project Address |  | | |
| Project City |  | | |
| Project State |  | Project Zip |  |
| Project Type |  | | |

|  |  |  |
| --- | --- | --- |
| **PRIMARY CONTACT (select one)** | Engineer | Contractor |

|  |  |  |  |
| --- | --- | --- | --- |
| Company Name |  | | |
| Address |  | | |
| City |  | | |
| State |  | Zip |  |
| Contact Name |  | | |
| Contact Phone # |  | | |
| Contact Email |  | | |

# NEEDED INFORMATION

|  |  |
| --- | --- |
| Rainfall Rate |  |
| Pipe Material |  |

***(PVC or Cast Iron? – if multiple materials used, please identify on ISO drawing)***

**Design Return Format:**

**Once our design team has created a balanced Siphonic system they can return it in the following formats – additional time will be needed to create Revit/CAD files**

**(***Engineers have the option to receive the balanced system in our online based HydroTechnic™ software and update their drawings immediately on their own***)**

|  |  |  |
| --- | --- | --- |
| HydroTechnic™ Data | REVIT File | CAD File |

**Drawing Requirements:**

**Our team needs the following data to design a Siphonic system in our HydroTechnic™ Program:**

**Roof drain locations**

**GPM flow rate through each roof drain (*alternative: sq ft of catchment area feeding each roof drain*)**

**All lengths of vertical and horizontal pipe runs in the system (center of pipe to center of pipe – ft, in):**

**Length of initial vertical drop from roof drain**

**Lengths of horizontal collector pipe connecting each roof drain**

**Length of vertical drop of discharge (and any other horizontal run)**

**Identify point at which Siphonic action ends**

**Primary or Overflow system**

**If surcharging, the height between the center of Siphonic horizontal line at discharge to the manhole grate cover (ft, in)**

**Option #1 Preferred Method: Revit file**

**REVIT File of the project showing information called out above**

**(CAD’s or PDF’s showing the information above are acceptable, but could increase design time)**

**Option #2: ISO Riser (Example below)**

**Provide an ISO riser drawing of the piping design based on the information called out above**

To register for a MIFAB HydroTechnic™ analytical design calculation software account to review the data, use the following hyperlink:

<http://www.hydromax.com/USA-and-Canada-Users-HydroTechnic-Account-Application.php>

*\*\*MIFAB HydroTechnic™ includes data for engineer on system to show the flowrate (gpm), velocity (ft/sec), headloss (ft), and pressure (ft) at any point in the system to include on their drawings\*\**

Please contact us at [HydroMax@mifab.com](mailto:HydroMax@mifab.com) at any time for assistance.

**Example ISO Riser Diagram:**

