**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 at any time for assistance.

**Example ISO Riser Diagram:**

 