**HydroMax Project Design Submission**

**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)***

**Drawing Requirements:**

## **Is the project already designed using our HydroTechnic program?**

|  |  |
| --- | --- |
| Website Link |  |

**Please provide an ISO riser drawing of the piping design including:**

1. Sketch up path of your preferred routing to optimize benefits using Mifab HydroMax® routing flat
2. Show the routing from each roof drain to the discharge
3. **Provide all the center-to-center distances (ft, in) of the piping (diameters not needed)**

# Both vertical and horizontal dimensions needed

1. Provide GPM’s per drain OR Define the catchment area (sq. ft.) each roof drain is collecting
2. If surcharging, the height between the center of siphonic horizontal line at discharge to the manhole grate cover

**To allow our design team to identify any additional potential benefits and cost savings (or any technical issues) please provide the following in REVIT or CAD files   
(PDF’s are acceptable, but could increase design time):**

We only require the following drawings detailing:

1. Roof plans with GPM’s per drain location Or showing calculated catchment areas
2. Preferred piping routes and discharge points
   1. (Floor Plans directly below roof and any level pipe runs on)
3. Elevation from drain to horizontal
4. Elevation showing all vertical elements (carrier pipe to discharge)
5. Sectional and External drawings

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

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

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

**Example ISO Riser Diagram:**

