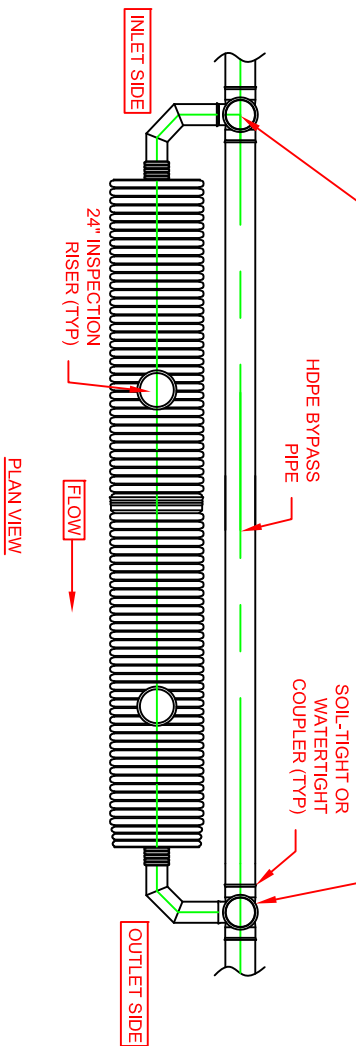
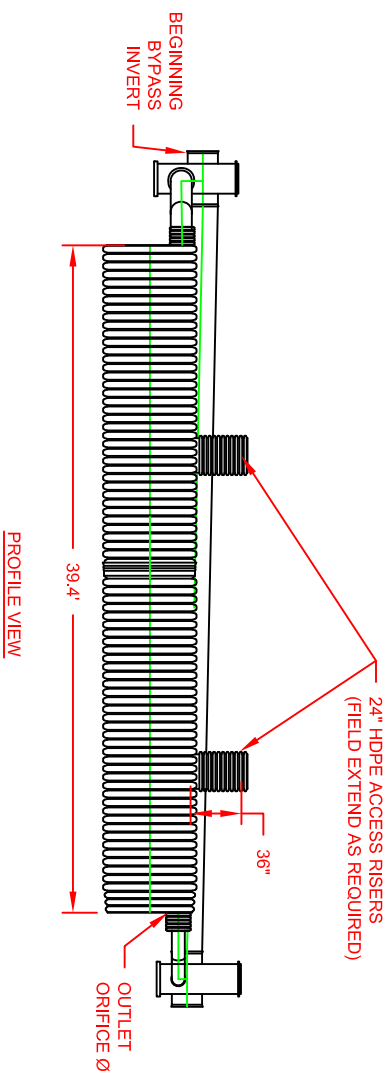


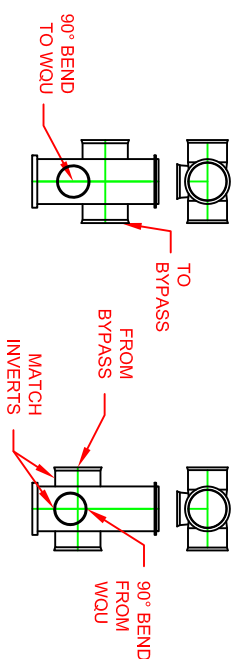
SHOWN AS NYLOPLAST BASIN. SEE STRUCTURE OPTIONS FOR ALTERNATE CONFIGURATIONS.



SHOWN AS NYLOPLAST BASIN. SEE STRUCTURE OPTIONS FOR ALTERNATE CONFIGURATIONS.

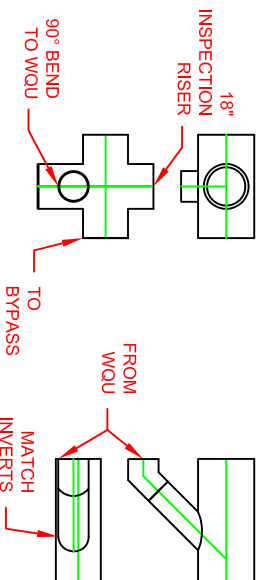


- STRUCTURE OPTIONS**
- FITTING DIMENSIONS VARY WITH UNIT DESIGN, DIMENSIONS CAN BE PROVIDED ONCE DESIGN IS EVALUATED.
 - COMBINATIONS OF NYLOPLAST BASINS AND FABRICATED FITTINGS ARE AVAILABLE
 - STRUCTURES BY OTHERS MAY BE USED.



INLET STRUCTURE NYLOPLAST BASIN

OUTLET STRUCTURE NYLOPLAST BASIN



INLET STRUCTURE FABRICATED SUMP TEE

OUTLET STRUCTURE FABRICATED REDUCING WYE

NOTES:

1. SEE STANDARD DETAILS STD-501 AND STD-502 FOR STORM WATER QUALITY UNIT PRODUCT DETAILS.
2. REFERENCE TECHNICAL NOTE 1.03 FOR ADDITIONAL DESIGN INFORMATION.
3. ELEVATION CHANGE DENOTES THE ELEVATION DROP FROM INVERT OF BYPASS AT INLET TO INVERT OF BYPASS AT OUTLET.

MODEL #	MAIN PIPE DIA.	SIEVE SIZE	PARTICLE SIZE (CM)	TREATED FLOW RATE (CFS)	INLET Ø	OUTLET Ø	OUTLET ORIFICE Ø	ELEVATION CHANGE*
6040WQAXX	60"	140	0.0106	6.23	15"	15"	14.61"	17.5"
6040WQBXX	60"	200	0.0075	3.12	15"	15"	10.34"	17.5"

XX DENOTES A BY-PASS SIZE OF 18", 24", 30", 36", 42", 48", OR 60"
 XX=00 DENOTES UNITS W/OUT A BY-PASS.
 * ELEVATION CHANGE FOR UNITS WITHOUT A BY-PASS IS 2"

HANCOR, INC. HAS PREPARED THIS DETAIL BASED ON INFORMATION PROVIDED TO HANCOR. THIS DRAWING IS INTENDED TO DEPICT THE COMPONENTS AS REQUESTED. HANCOR HAS NOT PERFORMED ANY ENGINEERING OR DESIGN SERVICES FOR THIS PROJECT, NOR HAS HANCOR INDEPENDENTLY VERIFIED THE INFORMATION SUPPLIED. THE INSTALLATION DETAILS PROVIDED HEREIN ARE GENERAL RECOMMENDATIONS AND ARE NOT SPECIFIC FOR THIS PROJECT. THE DESIGN ENGINEER SHALL REVIEW THESE DETAILS PRIOR TO CONSTRUCTION. IT IS THE DESIGN ENGINEER'S RESPONSIBILITY TO ENSURE THAT THE DETAILS PROVIDED MEETS OR EXCEEDS THE APPLICABLE NATIONAL, STATE, OR LOCAL REQUIREMENTS AND TO ENSURE THAT THE DETAILS PROVIDED HEREIN ARE ACCEPTABLE FOR THIS PROJECT.

REV.	DESCRIPTION	BY	MM/DD/YY	CHKD

DRAWING NUMBER: **STD-510**

6040WQ(A/B)XX
60IN, 40FT SMQU

401 OLIVE ST.
 FINDLAY, OHIO 45839

DATE	7/17/08
DESIGNER	NTS
CHECKED	OF