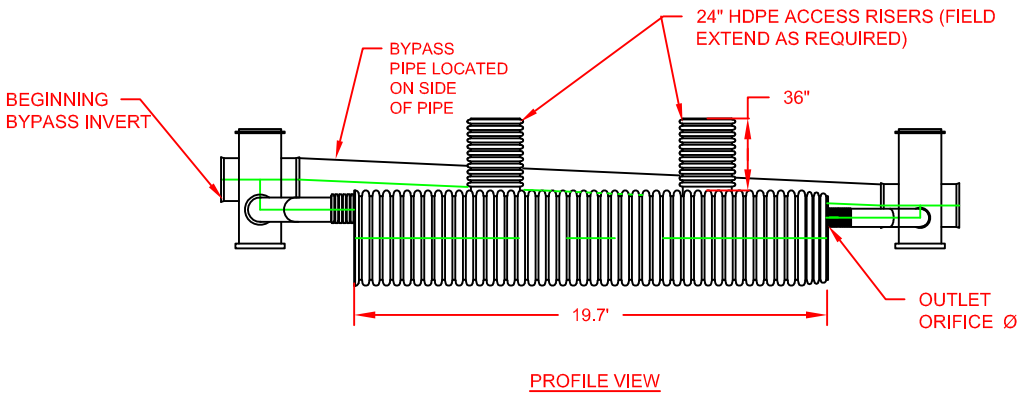
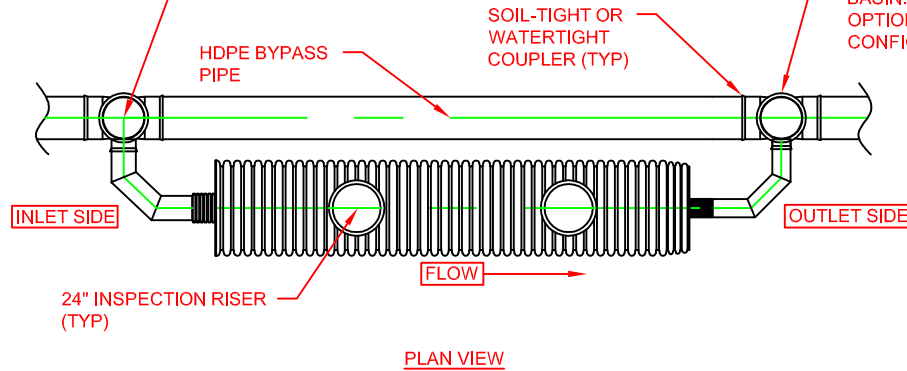


SHOWN AS NYLOPLAST BASIN. SEE STRUCTURE OPTIONS FOR ALTERNATE CONFIGURATIONS.

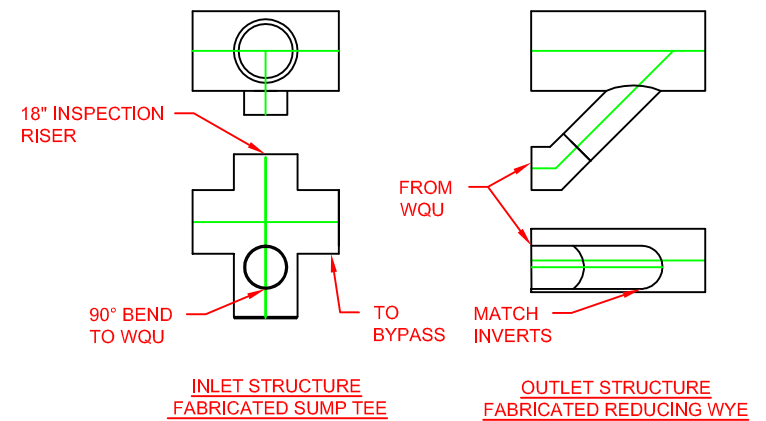
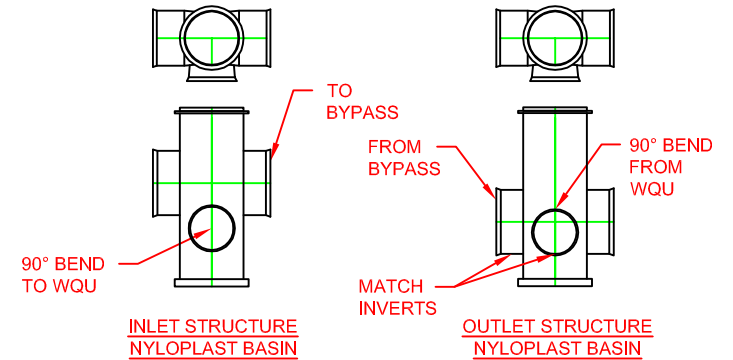


MODEL #	MAIN PIPE DIA.	SIEVE SIZE	PARTICLE SIZE (CM)	TREATED FLOW RATE (CFS)	INLET Ø	OUTLET Ø	OUTLET ORIFICE Ø	ELEVATION CHANGE*
4220WQAXX	42"	140	0.0106	1.73	12"	12"	8.13"	14.8"
4220WQBXX	42"	200	0.0075	0.86	12"	12"	5.70"	14.8"

XX DENOTES A BY-PASS SIZE OF 15", 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"

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.



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.

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1	FORMATTING UPDATES AND RENAMED	TJR	02/17/16		
REV.	DESCRIPTION	BY	MM/DD/YY	CHK'D	

42in 20ft WQU		 4640 TRUEMAN BLVD HILLIARD, OHIO 43026 ADVANCED DRAINAGE SYSTEMS, INC.	DRAWN BY: CKS DATE: 7/17/08 CTD BY: SCALE: NTS SHEET: OF
DRAWING NUMBER: STD-505			