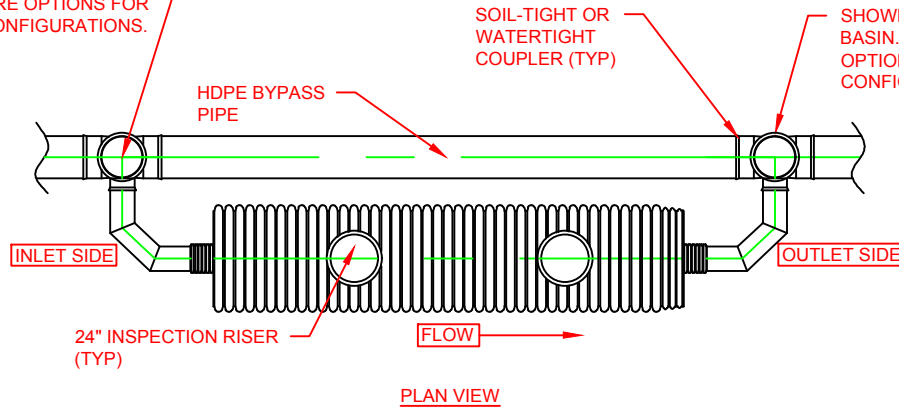
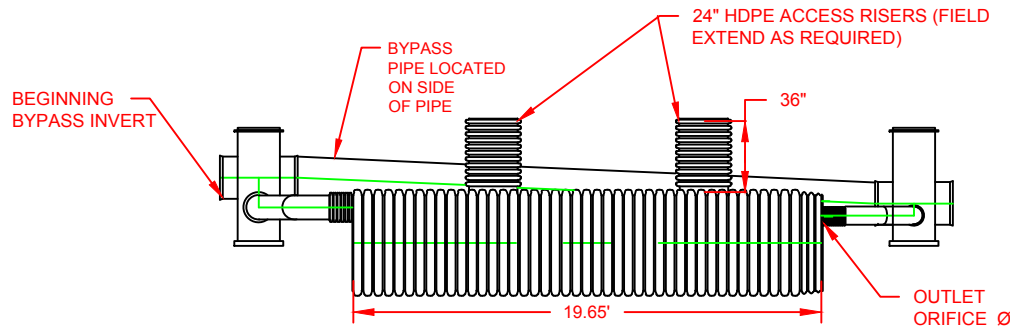


SHOWN AS NYLOPLAST BASIN.
SEE STRUCTURE OPTIONS FOR
ALTERNATE CONFIGURATIONS.



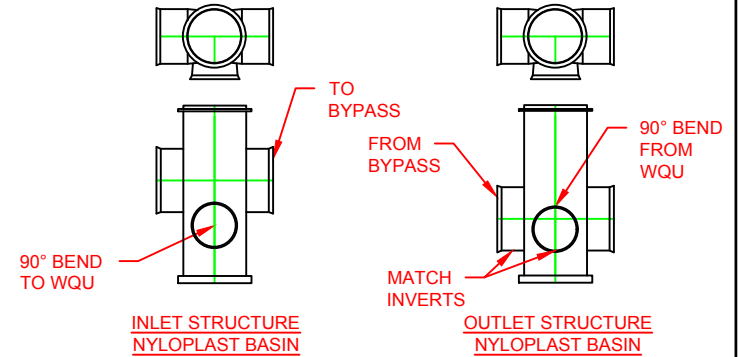
PLAN VIEW



PROFILE VIEW

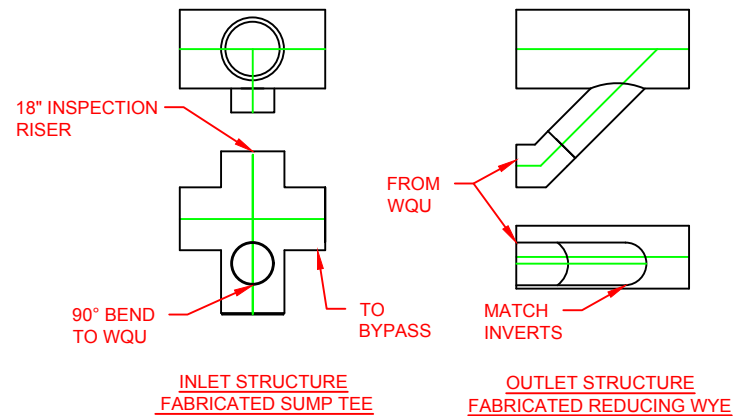
STRUCTURE OPTIONS

- 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*
4820WQAXX	48"	140	0.0106	2.26	12"	12"	9.24"	14.6"
4820WQBXX	48"	200	0.0075	1.13	12"	12"	6.53"	14.6"

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"

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

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48in 20ft WQU	 ADVANCED DRAINAGE SYSTEMS, INC.	DATE: 7/17/08	DRAWN BY: CKS
		4640 TRUEMAN BLVD HILLIARD, OHIO 43026	DATE: 7/17/08
DRAWING NUMBER: STD-507		SCALE: NTS	SHEET: OF