

MODULAR WETLAND SYSTEMS - LINEAR GRATE TYPE



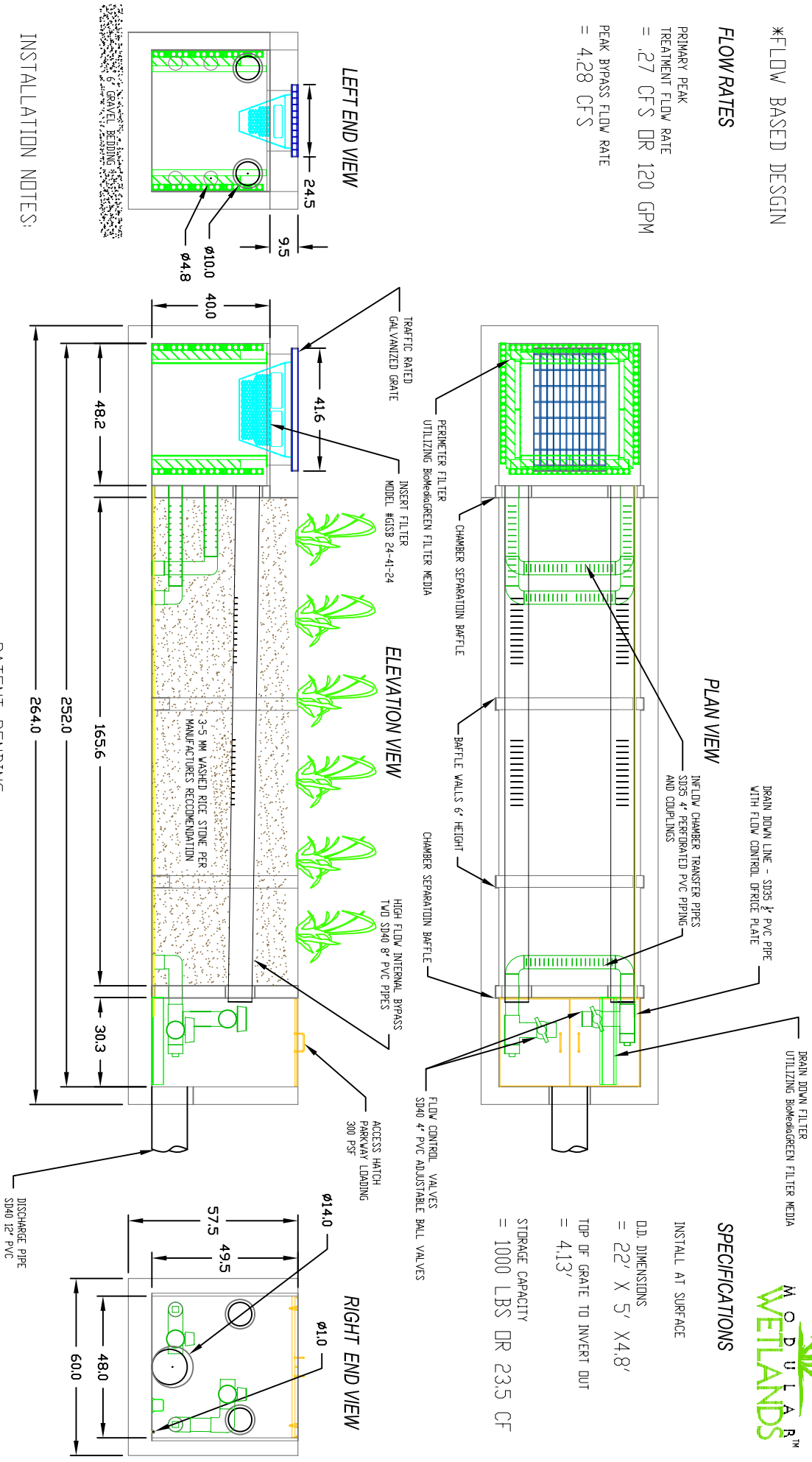
*FLOW BASED DESIGN

FLOW RATES

PRIMARY PEAK TREATMENT FLOW RATE = .27 CFS DR 120 GPM
 PEAK BYPASS FLOW RATE = 4.28 CFS

SPECIFICATIONS

INSTALL AT SURFACE
 D.O. DIMENSIONS = 22' X 5' X 4.8'
 TOP OF GRATE TO INVERT OUT = 4.13'
 STORAGE CAPACITY = 1000 LBS DR 23.5 CF



INSTALLATION NOTES:

1. INSTALL UNIT ON LEVEL BED OF GRAVEL OF AT LEAST 6" IN DEPTH.

PATENT PENDING

2. CONCRETE 28 DAY COMPRESSIVE STRENGTH FC=5,000 PSI.
3. REINFORCINGASTM A-615, GRADE 60.
4. SUPPORTS AN H2O LOADING AS INDICATED BY AASHTO.
5. ALL WALLS ARE 6" THICK, BAFFLES ARE 4" THICK BOTTOM 8" THICK, TOP 10" THICK.
6. JOINT SEALANT: BUTYL RUBBER SS-S-00210

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NAME	DATE
DRAWN P. Ashoff	7.23.07
EDITED	

TITLE:	MWS LINEAR - GRATE TYPE	
SIZE	DWG. NO.	REV
A	MWS-L-G	
SCALE	1:50	SHEET 1 OF 1