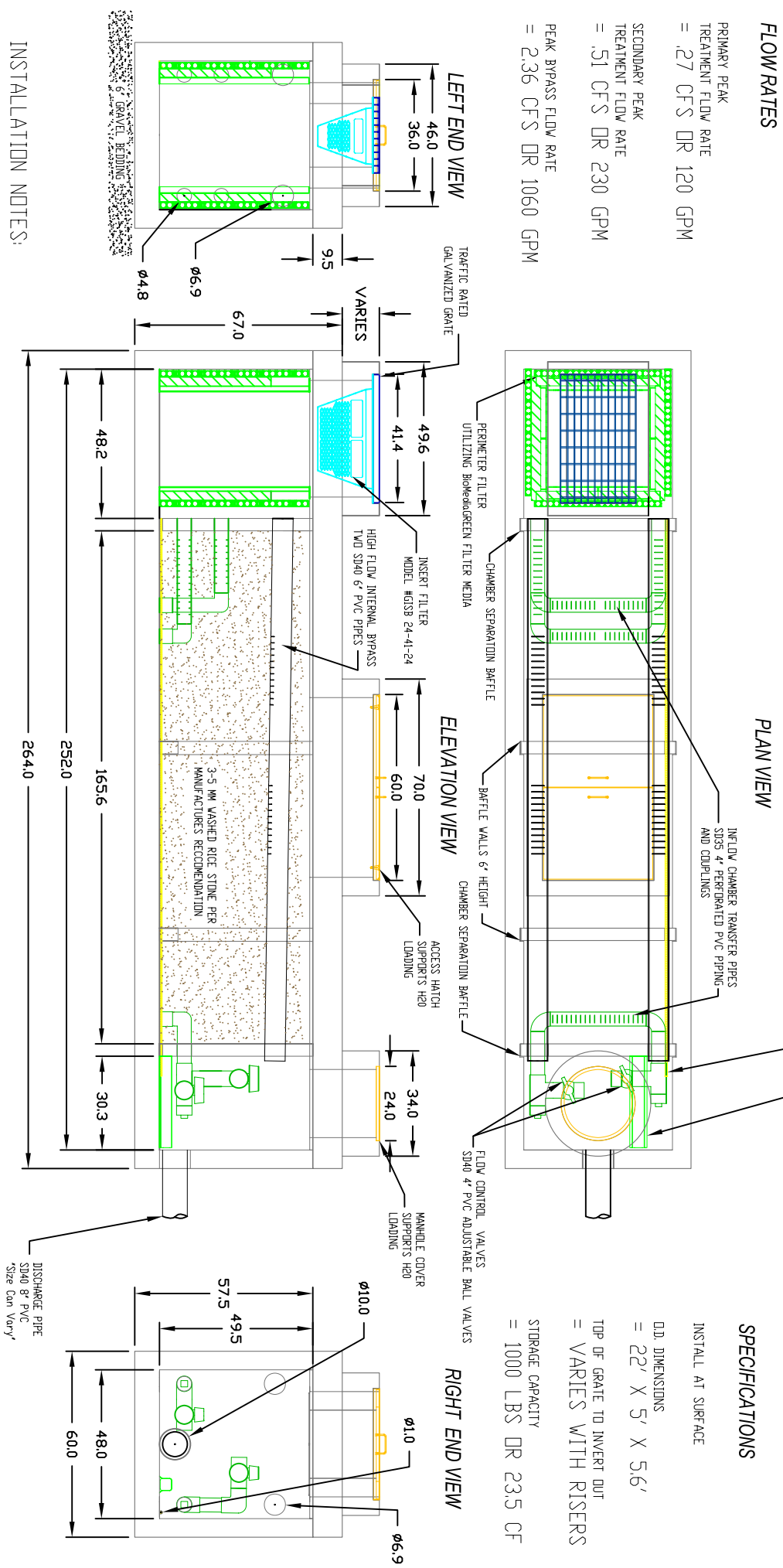


MODULAR WETLAND SYSTEMS - LINEAR UG GRATE TYPE



*FLOW BASED DESIGN
FLOW RATES

PRIMARY PEAK TREATMENT FLOW RATE = 27 CFS OR 120 GPM
 SECONDARY PEAK TREATMENT FLOW RATE = 51 CFS OR 230 GPM
 PEAK BYPASS FLOW RATE = 236 CFS OR 1060 GPM



SPECIFICATIONS

INSTALL AT SURFACE
 O.D. DIMENSIONS = 22' X 5' X 5.6'
 TOP OF GRATE TO INVERT OUT = VARIES WITH RISERS
 STORAGE CAPACITY = 1000 LBS OR 23.5 CF

- INSTALLATION NOTES:**
1. INSTALL UNIT ON LEVEL BED OF GRAVEL OF AT LEAST 6" IN DEPTH
 2. CONCRETE 28 DAY COMPRESSIVE STRENGTH FC=5,000 PSI.
 3. REINFORCING ASTM A-615, GRADE 60.
 4. SUPPORTS AN H20 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

PATENT PENDING

MODULAR WETLAND SYSTEMS INC.
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NAME	DATE
DRAWN P. Ashoff	7.23.07
EDITED	

TITLE:	SIZE	DWG. NO.	REV
MWS LINEAR - VAULT TYPE	A	MWS-L-V	

SCALE 1:50 UNITS = INCHES SHEET 1 OF 1