

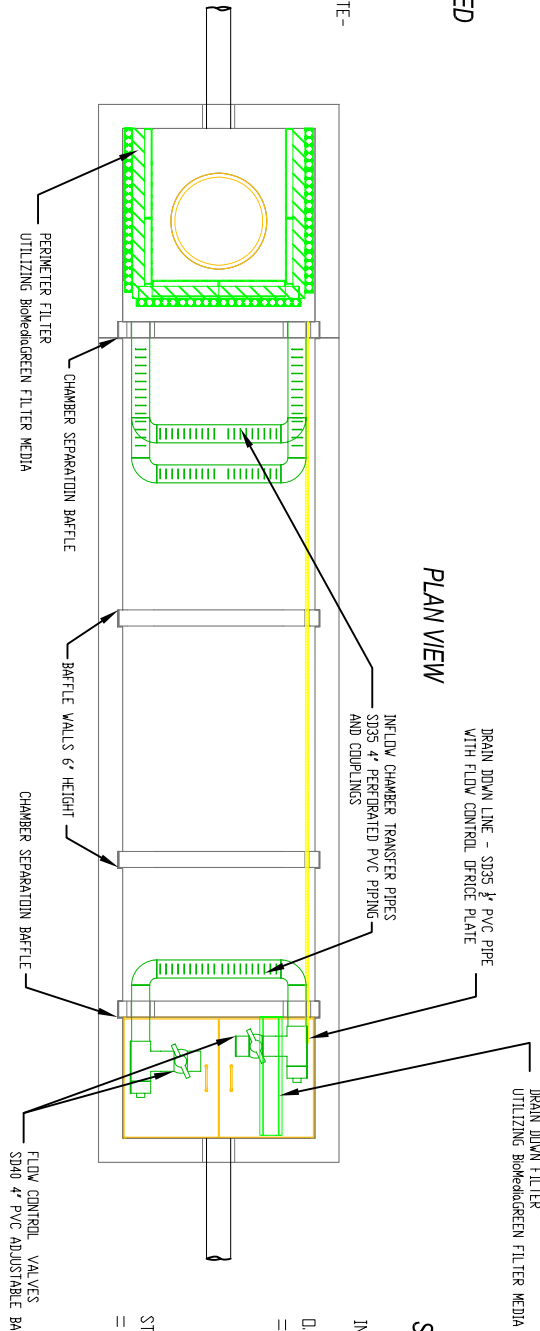
# MODULAR WETLAND SYSTEMS - LINEAR VAULT TYPE



\* VOLUME BASED DESIGN

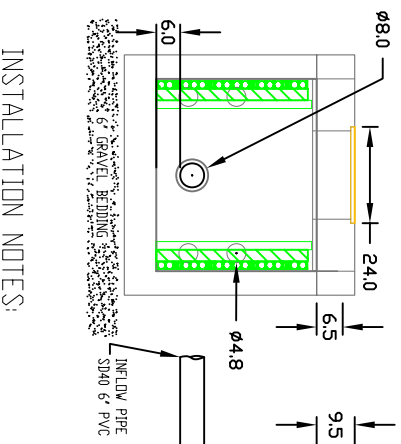
VOLUME RATE - VOLUME BASED

PRIMARY PEAK TREATMENT VOLUME  
= 4000 CF  
(MAX TREATMENT VOLUME WITH 48 HOUR  
DRAIN DOWN TIME, 10 GPM DISCHARGE RATE-  
DETERMINED BY TREATMENT AREA)  
INSTALL OFFLINE/BYPASS HIGHER FLOWS  
EXTERNALLY

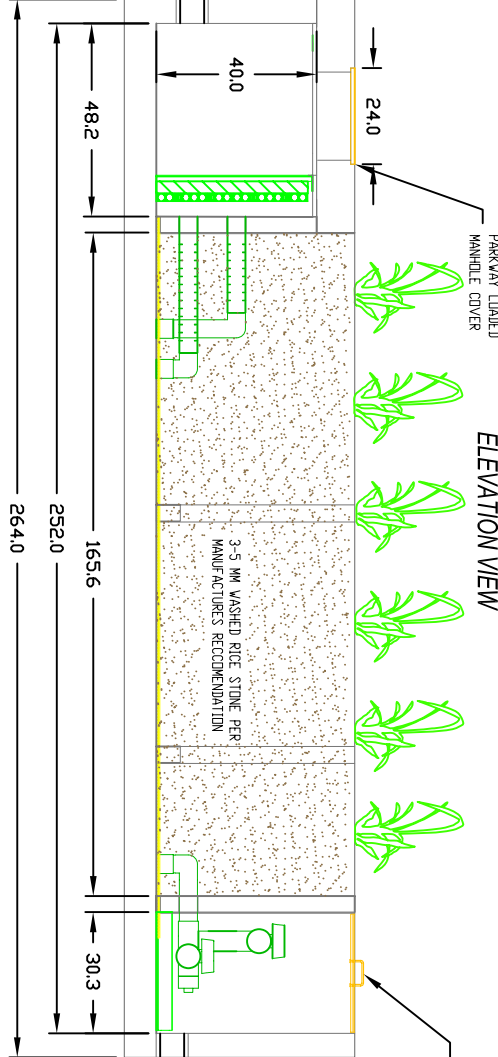


PLAN VIEW

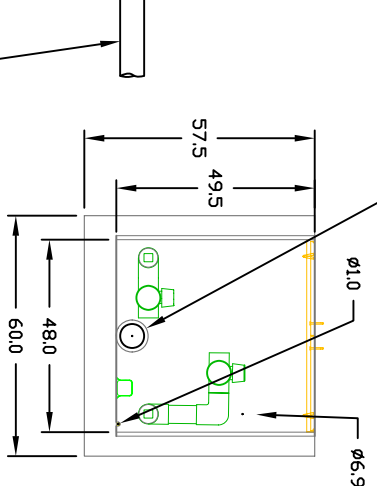
LEFT END VIEW



ELEVATION VIEW



RIGHT END VIEW



INSTALLATION NOTES:

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

2. CONCRETE 28 DAY COMPRESSIVE STRENGTH F<sub>c</sub>=5,000 PSI.

3. REINFORCING ASTM A-615, GRADE 60.

4. RATED FOR PARKWAY LOADING 300 PSF.

5. ALL WALLS ARE 6" THICK, BAFFLES ARE 4" THICK  
BOTTOM 8" THICK, TOP 10" THICK.

6. JOINT SEALANT: BUTYL RUBBER SS-S-00210

**SPECIFICATIONS**

INSTALL AT SURFACE  
O.D. DIMENSIONS  
= 22' X 5' X 4.8'

STORAGE CAPACITY  
= 1000 LBS DR 23.5 CF

|  |                 |                              |  |
|--|-----------------|------------------------------|--|
| MODULAR WETLAND SYSTEMS INC.<br>P.O. BOX 869<br>OCEANSIDE, CA 92049<br>www.ModularWetlands.com |                 | PROPRIETARY AND CONFIDENTIAL | TITLE:<br>MWS LINEAR-VAULT TYPE  |
| DRAWN<br>P. Ashoff   | DATE<br>7.23.07 | NAME<br>P. Ashoff            | COMMENTS:<br>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MODULAR WETLAND SYSTEMS INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF MODULAR WETLAND SYSTEMS INC. IS PROHIBITED. |
| SCALE<br>1:50  | UNITS = INCHES  | SHEET 1 OF 1                 | SIZE DWG. NO.<br>MWS-L-V   |