PROJECT NOTES:

1) TANK LOCATIONS AND ELEVATIONS ARE TO BE DETERMINED AT PRECONSTRUCTION MEETING.

2) 4" DIVIDER WALL TO BE PRECAST BY TANK MANUFACTURER. TANKS MUST BE CHECKED BY CONTRACTOR FOR WEEPHOLES, AND PLUGGED IF FOUND.

3) PIPE PENETRATIONS IN TANKS ARE TO BE SEALED WATER TIGHT.

4) 4" PIPE TO SEPTIC TANK MUST HAVE A MINIMUM FALL OF 1/2" EVERY 10'.

5) ALL PIPING IS TO BE SCH. 40 PVC UNLESS OTHERWISE NOTED.

6) ALL BURIED VALVES ARE TO BE LOCATED FROM PERMANENT STRUCTURE FOR FUTURE LOCATING AND, SO NOTED ON CONTRACTOR DRAWINGS.

7) ALL WELL SETBACK REQUIREMENTS ARE TO BE FOLLOWED WHEN LOCATING WELL (SEE CHART).

8) PUMP AND HIGH-WATER ALARM ARE TO BE ON SEPARATE, SINGLE PHASE, 115 VOLT CIRCUITS. USE UNDERGROUND CABLE.

9) CONTROL PANEL IS TO BE MODEL SPECIFIED IN DESIGN SUMMARY.

10) BLOWER MUST BE WITHIN 100' OF TREATMENT UNIT. FOR DISTANCES GREATER THAN 100' CONSULT FACTORY. BLOWER BASE MUST BE LOCATED ABOVE NORMAL FLOOD LEVELS.

11) SEE ENGINEERING DESIGN SUMMARY FOR HYDRAULIC PROFILE.

12) MAINTAIN DRIP LINE SPACING AS SPECIFIED IN "DRIPLINE INSTALL INFORMATION" TABLE.

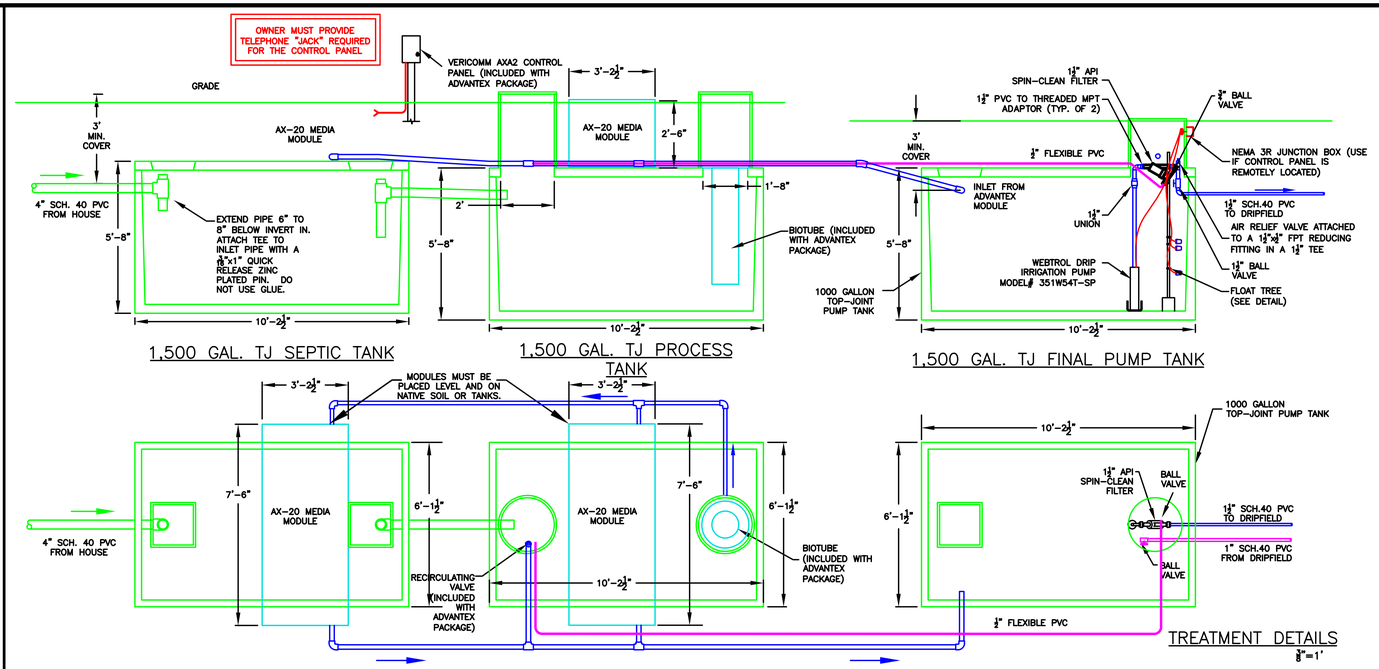
13) FIRST DRIP LINE EMITTER TO BE INSTALLED A MINIMUM OF 12" FROM HEADER DITCH.

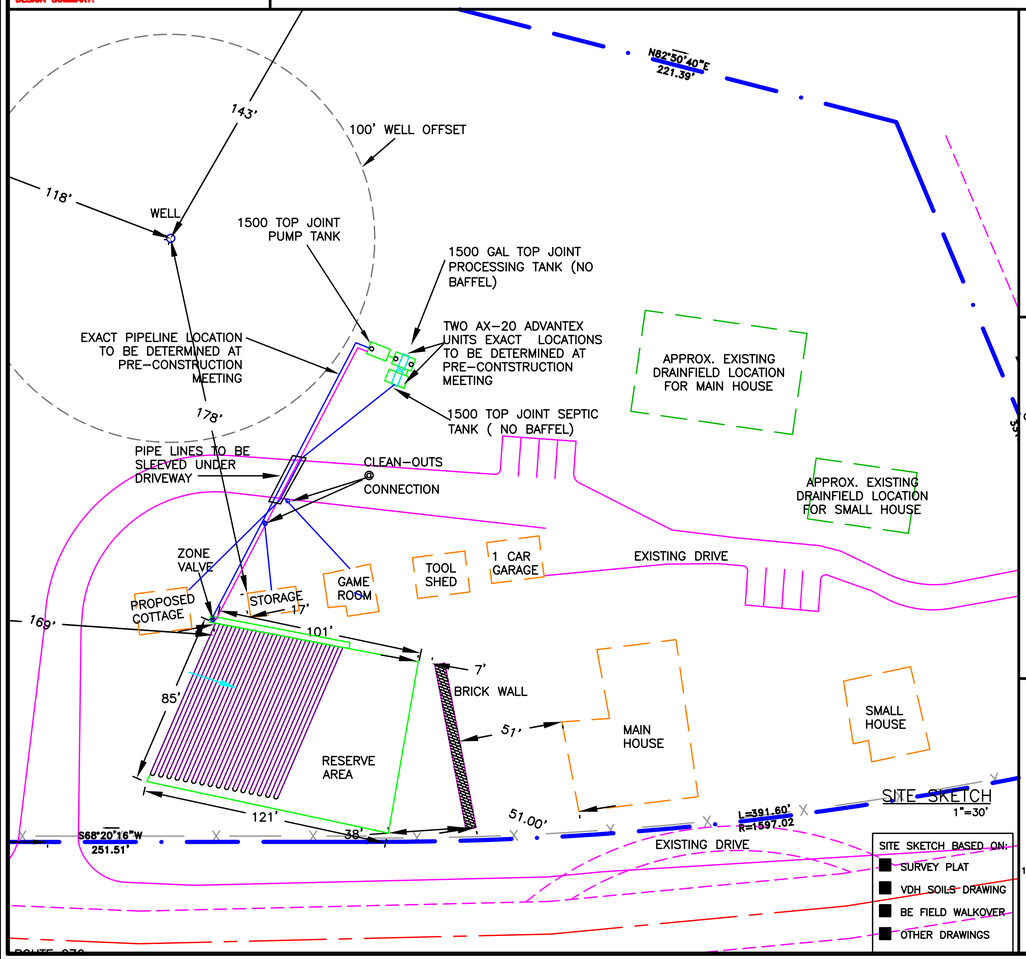
14) DRIP LINE INSTALLATION METHODS TO BE DISCUSSED WITH CONTRACTOR AT PRECONSTRUCTION MEETING.

15) CALL MS UTILITY 48 HOURS BEFORE DIGGING AT 800-552-7001

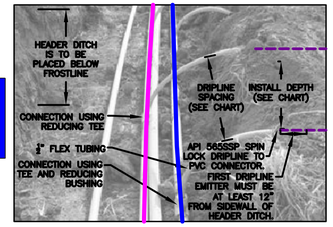
PLEASE NOTE: THERE MUST BE AN ON-SITE PRE-CONSTRUCTION MEETING WITH THE ENGINEER BEFORE STARTING THIS PROJECT. CONTACT BLACKWELL ENGINEERING AT 540-432-9555.

THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNLESS ACCOMPANIED BY ENGINEERING DESIGN SUMMARY.

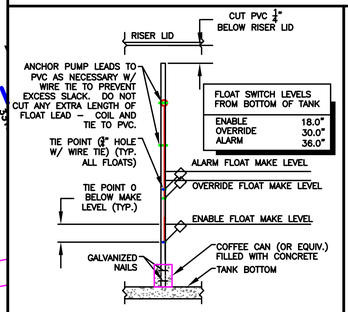




DRIPLINE INSTALL INFORMATION	
DRIPLINE INSTALL DEPTH	15"
COVER REQUIRED	0"
MIN. DRIPLINE SPACING	24"



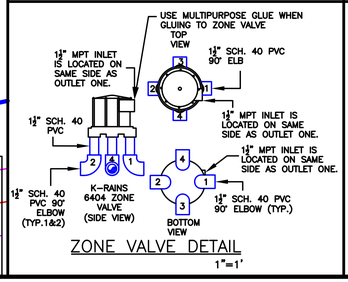
DRIPFIELD CONNECTION PHOTO DETAIL



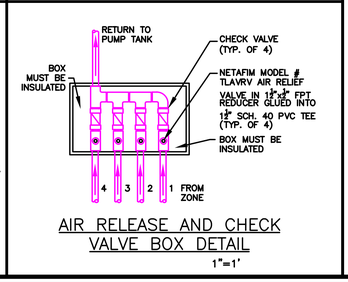
FLOAT TREE SECTION DETAIL
N.T.S.

Structure or Topographic Feature	CLASS IIIA OR B	CLASS IIIC OR IV
Building Foundation	10	10
Building Foundation (Termite Treated)	50	50
House Sewer Line	50	50
Sewer Main including force mains	50	50
Sewage System	50	50
Pretreatment System (e.g. Septic Tank Aerobic Unit, etc.)	50	50
Sewage Disposal System or other contaminant source (e.g., drainfield underground storage tank, barnyard, hog lot, etc.)	50	100
Class III A - Grout to 20; Cased to 100 Class III B - Cased to 50; Grout to 50		

WELL SETBACK REQUIREMENT CHART

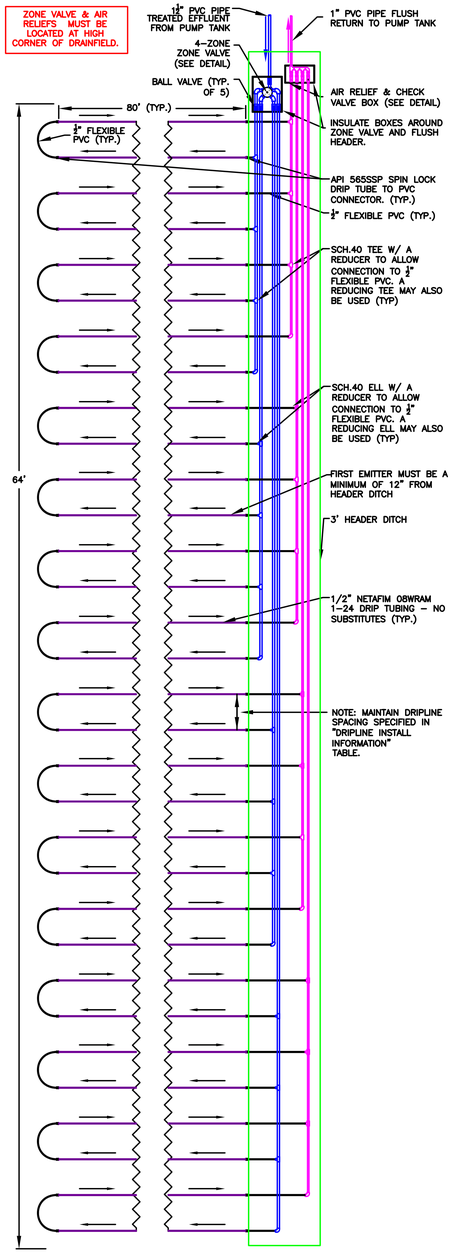


ZONE VALVE DETAIL
1"=1'



AIR RELEASE AND CHECK VALVE BOX DETAIL
1"=1'

ZONE VALVE & AIR RELIEFS MUST BE LOCATED AT HIGH CORNER OF DRAINFIELD.



DRIPFIELD LAYOUT DETAIL
1"=1'

Date:	5/4/06
Scale:	AS NOTED
Designed by:	RCB
Drawn by:	ALH/TWW
Checked by:	RLBIII

BLACKWELL ENGINEERING, PLLC
566 East Market Street
Harrisonburg, Virginia 22801
PHONE: (540)432-9555 FAX: (540)434-7604
E-Mail: BE@BlackwellEngineering.com

COMMONWEALTH OF VIRGINIA
RICHARD L. BLACKWELL III
NO. 024322
PROFESSIONAL ENGINEER

Revision Dates
5/31/06
6/6/06

SYSTEM DRAWINGS

ADVANTEX TREATMENT WITH DRIP DISPOSAL
MEADOW VIEW B&B
6 BEDROOM BED & BREAKFAST
ROCKINGHAM COUNTY, VA.

Drawing No. 1 of 1 Sheets

Job No. 5756-06