

Erosion and Sediment Control Schedule

Ingress-Egress
A stone access drive complete with under lying geo-textile fabric (20 feet wide and 50 feet long) for ingress and egress at the site shall be installed. This drive shall be the only entrance and exit to the site.

Silt Fence
A silt fence shall be installed prior to any earthwork activities at the site in the locations shown on the site plan as well as along the front of any lot that slopes towards the street.

Temporary Seeding
Disturbed areas of the site that are to remain idle for more than twenty-one(21) days shall be properly seeded and straw mulched within seven(7) days of completion of initial grading.
Temporary seeding and mulching on a thirty(30) foot strip of the entire front of the lot shall be maintained on the site once initial grading is complete.

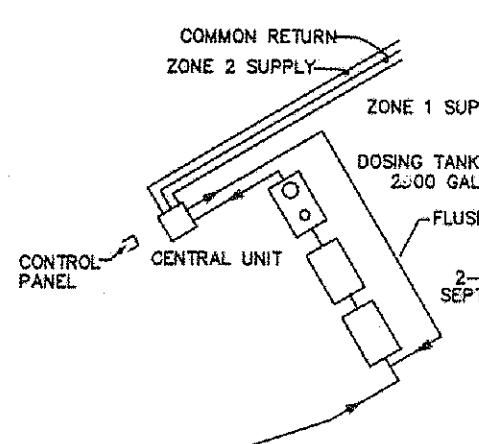
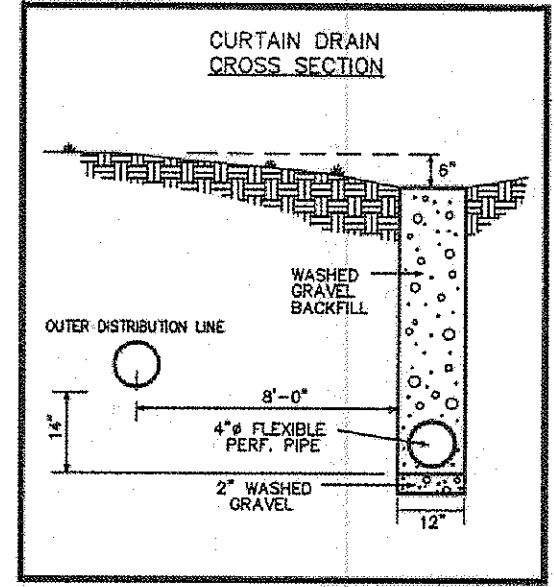
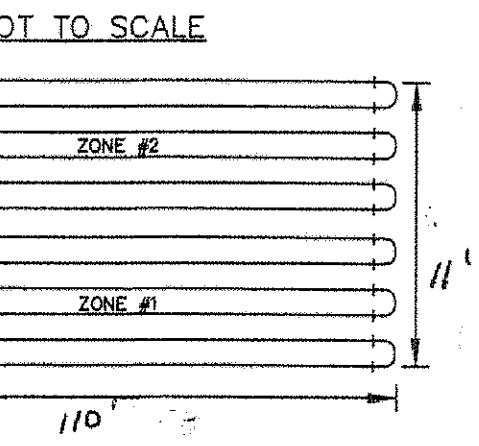
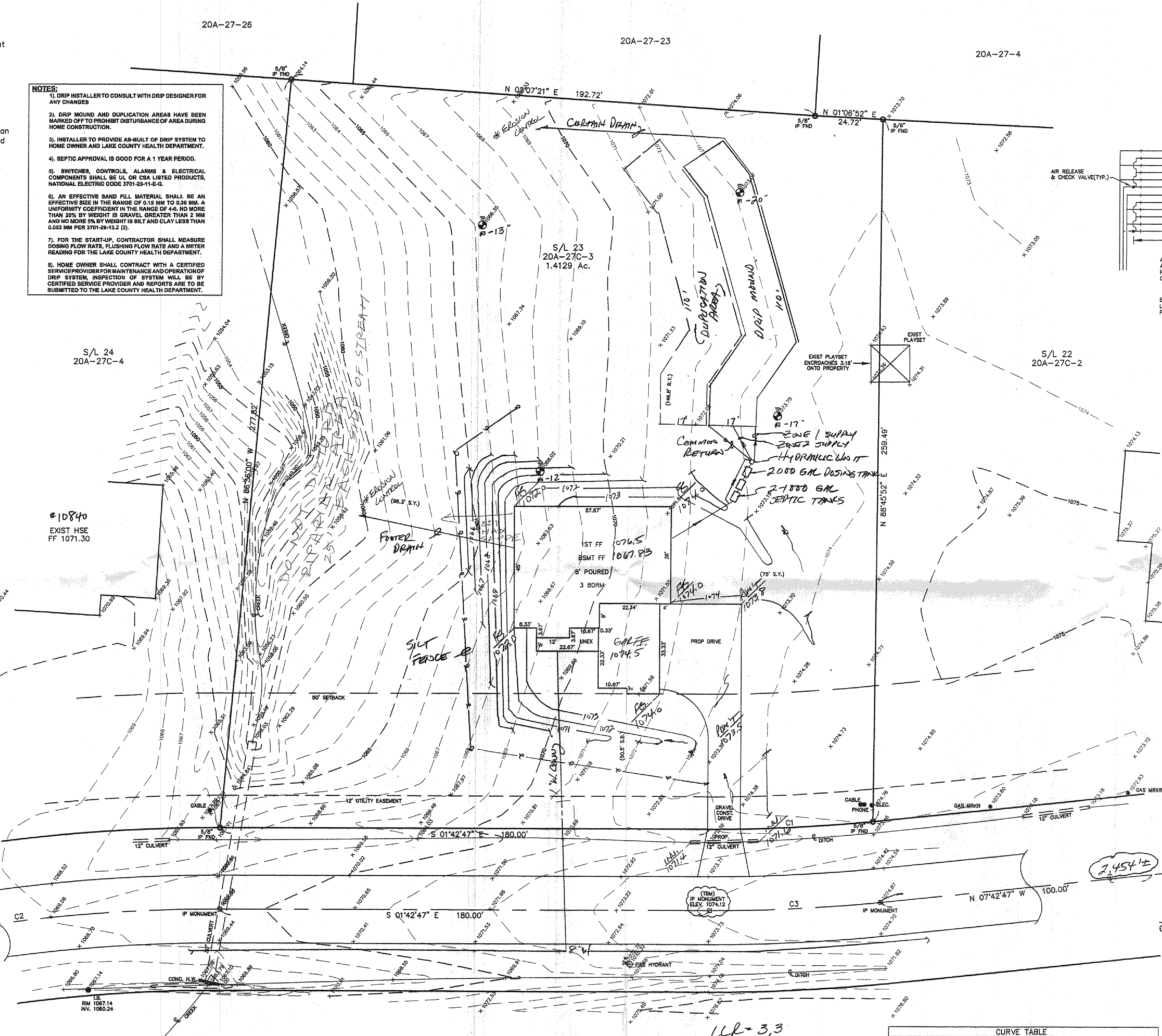
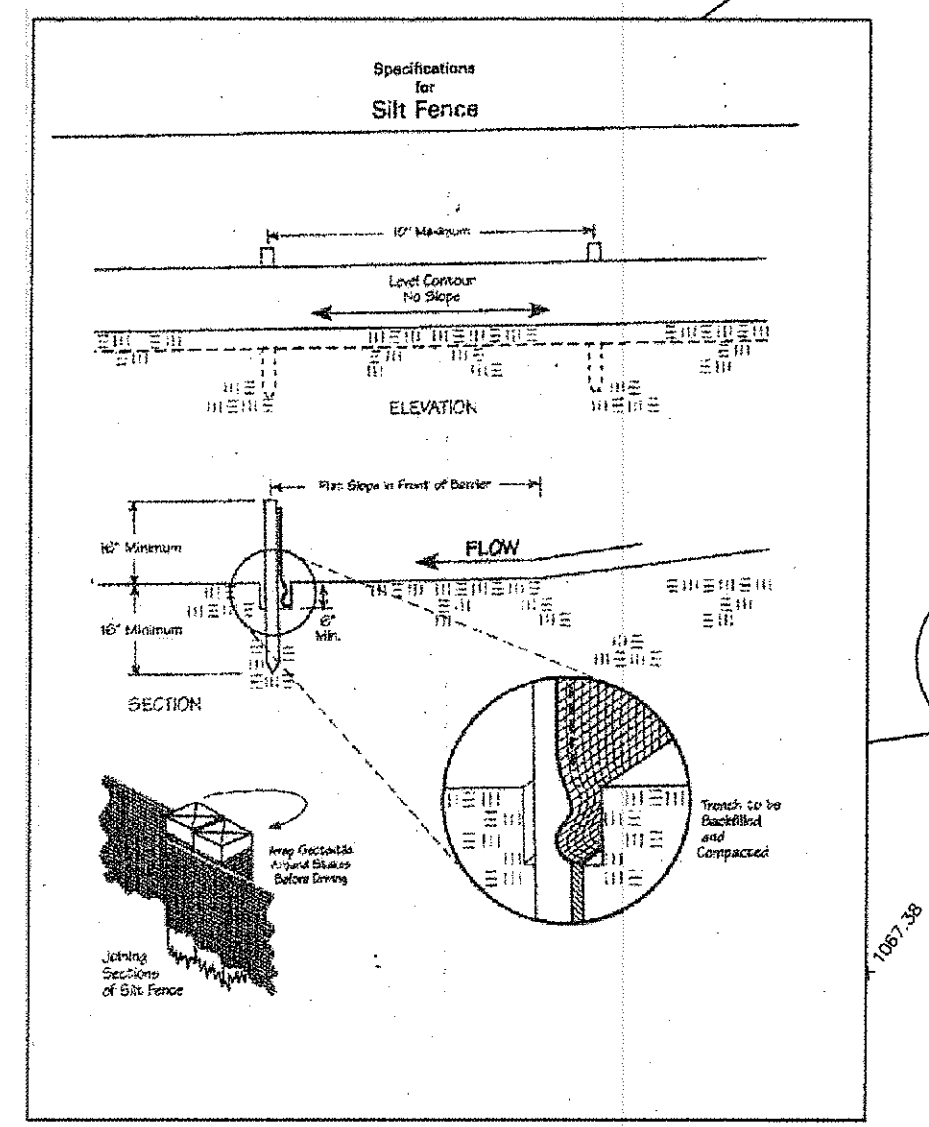
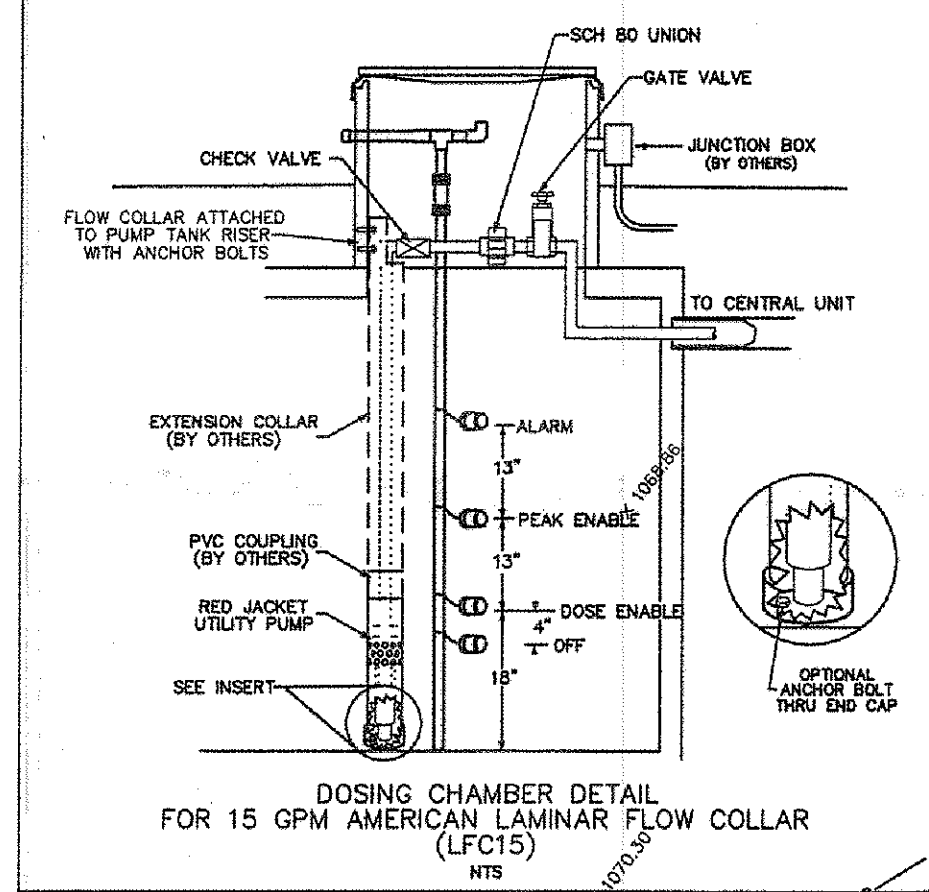
Stabilization of critical areas within fifty(50) feet of any stream or wetland shall be complete within two(2) days of the disturbance if the site is to remain inactive for longer than fourteen(14) days.

Mulching
Straw-mulch shall be applied at a rate of 1 bale per every ten (10) feet of curb, at a width of thirty(30) feet to the entire length of the lot. Wood chips may also be used but must be spread at a minimum depth of four inches over the thirty-foot width and must be accompanied by a properly installed silt fence.

Maintenance
Erosion and sediment controls shall be inspected every seven(7) days or within 24 hours of a 0.5" or greater rainfall event. Necessary repairs shall be made at this time.

- NOTES:**
1. DRIP INSTALLER TO CONSULT WITH DRIP DESIGNER FOR ANY CHANGES
 2. DRIP MOUND AND DUPLICATION AREAS HAVE BEEN MARKED OFF TO PROHIBIT DISTURBANCE OF AREA DURING HOME CONSTRUCTION.
 3. INSTALLER TO PROVIDE AS-BUILT OF DRIP SYSTEM TO HOME OWNER AND LAKE COUNTY HEALTH DEPARTMENT.
 4. SEPTIC APPROVAL IS GOOD FOR A 1 YEAR PERIOD.
 5. SWITCHES, CONTROLS, ALARMS & ELECTRICAL COMPONENTS SHALL BE UL OR CSA LISTED PRODUCTS, NATIONAL ELECTRIC CODE 3701-28-11-6-6.
 6. AN EFFECTIVE SAND FILL MATERIAL SHALL BE AN EFFECTIVE SIZE IN THE RANGE OF 0.15 MM TO 0.30 MM. A UNIFORMITY COEFFICIENT IN THE RANGE OF 4.0. NO MORE THAN 20% BY WEIGHT IS GRAVEL GREATER THAN 2 MM AND NO MORE 5% BY WEIGHT IS SILT AND CLAY LESS THAN 0.075 MM PER 3701-28-13.2 (2).
 7. FOR THE START-UP, CONTRACTOR SHALL MEASURE DOSING FLOW RATE, FLUSHING FLOW RATE AND A BETTER READING FOR THE LAKE COUNTY HEALTH DEPARTMENT.
 8. HOME OWNER SHALL CONTRACT WITH A CERTIFIED SERVICE PROVIDER FOR MAINTENANCE AND OPERATION OF DRIP SYSTEM. INSPECTION OF SYSTEM WILL BE BY CERTIFIED SERVICE PROVIDER AND REPORTS ARE TO BE SUBMITTED TO THE LAKE COUNTY HEALTH DEPARTMENT.

AERMOTOR MODEL: TEP20-50-115
1.25" DISCHARGE
0.5 HORSEPOWER
115 VOLT
12.0 AMPS
1/16" MAX. SOLIDS HANDLING
1 PHASE
60 HZ
MULTI-STAGE
CENTRIFUGAL



"I, the undersigned hereby certify that this topography indicated by 1', 1', or 2' contours, and elevations shown hereon represent an actual field survey made by me on the 25th day of June, 2010, and that the elevations were taken at appropriate intervals and that as of that date they existed as indicated hereon."

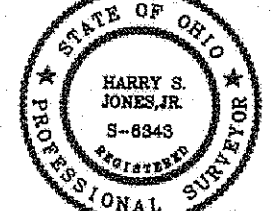
Surveyor Name: *William Babcock* P.S.# 6343 Reg. No.

SURVEYOR CERTIFICATION
THIS PLAT REPRESENTS A SURVEY WHICH MEETS STANDARDS FOR A BOUNDARY SURVEY IN THE STATE OF OHIO AS SPECIFIED IN THE ADMINISTRATIVE CODE CHAPTER 4733-37.
SURVEYED ON 06/20/2010 BY *William Babcock* UNDER THE SUPERVISION OF *James R. Gills, P.E.* ALL IRON PINS SHOWN HEREON WERE EITHER FOUND OR SET AS NOTED.
William Babcock P.S.# 6343 DATE: 6/21/10
THE TOPOGRAPHY, INDICATED BY 1' CONTOURS, AND ELEVATIONS SHOWN HEREON REPRESENT AN ACTUAL FIELD SURVEY MADE BY *William Babcock* ON 06/20/10. THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND AS OF THE ABOVE DATE THEY EXISTED AS INDICATED HEREON.
William Babcock P.S.# 6343 DATE: 6/21/10

APPROVED AS NOTED
CT CONSULTANTS, INC.
Philip R. Kuper 1-26-11
CITY ENGINEER DATE: 6/21/11
Stormwater Management Plan
Approved as shown and/or noted
JAMES R. GILLS, P.E.
County Drainage Engineer
SCALE 1/8" = 1'-0" Date: 6/21/11

(IN FEET)
1 inch = 20 ft.

EXISTING UTILITIES NOTE:
THE SIZE AND LOCATION, BOTH HORIZONTAL AND VERTICAL OF THE UNDERGROUND UTILITIES SHOWN HEREON, HAVE BEEN OBTAINED BY A SEARCH OF AVAILABLE RECORDS. VERIFICATION BY FIELD OBSERVATION HAS BEEN CONDUCTED WHERE PRACTICAL, HOWEVER, BABCOCK, JONES AND ASSOCIATES, INC. DOES NOT GUARANTEE THE COMPLETENESS NOR ACCURACY THEREOF.



CURVE	LENGTH	RADIUS	TANGENT	CHORD	BEARING	DELTA
C1	59.69	570.00	29.87	59.66	N04°42'47"W	05°59'59"
C2	146.60	600.00	73.67	146.24	S08°42'47"E	13°59'59"
C3	62.83	600.00	31.44	62.80	N04°42'47"W	05°59'59"

ANGELA DRIVE - 60' 3 Bay Room = 360 GPD
UR = 3.3
360
3.3 = 110

Drip distribution area has been field verified and protected with marking tape
Date: 6-12-11 Name: *Daniel Lal*
More submitted to County and meet design criteria
Hydraulic calculations verified and accurate
Date: 6-12-11 Name: *Daniel Lal*

REV. NO.	DESCRIPTION	DATE	BY	CHK'D

BABCOCK, JONES AND ASSOCIATES, INC.
CIVIL ENGINEERS - SURVEYORS - LAND PLANNERS
PAINESVILLE OHIO 44077

DATE: 12/29/10
DESIGN BY: H.J.
DRAWN BY: B.P.
APPROVED BY: H.J.
CREW CHIEF: W.B.

SITE PLAN
FOR
GREEN SHAMROCK CONSTRUCTION
S/L 23 ANGELA DRIVE (GREENBRIAR ESTATES SUB)
CITY OF KIRTLAND LAKE COUNTY STATE OF OHIO

SCALE 1"=20'
JOB NO 00-095-23
SHEET 1 OF 2