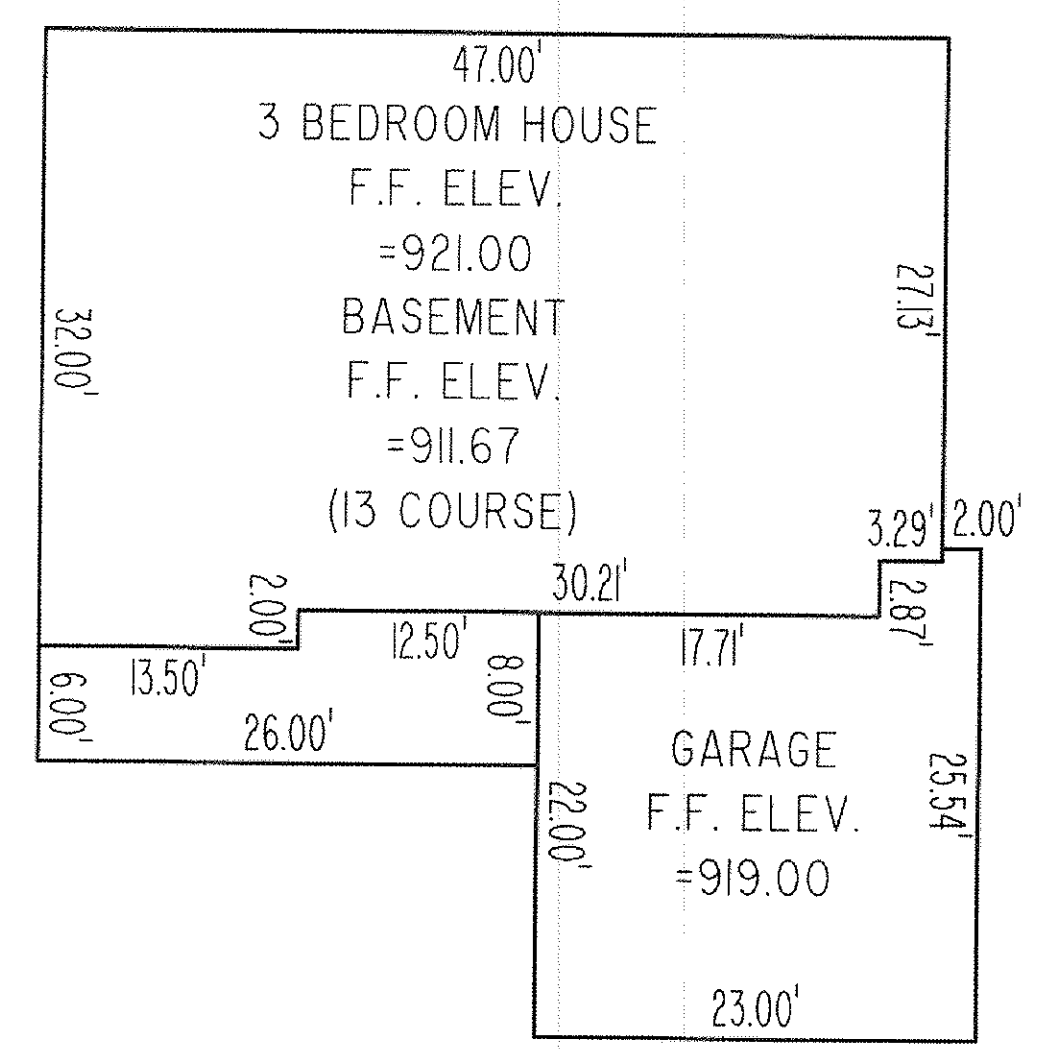


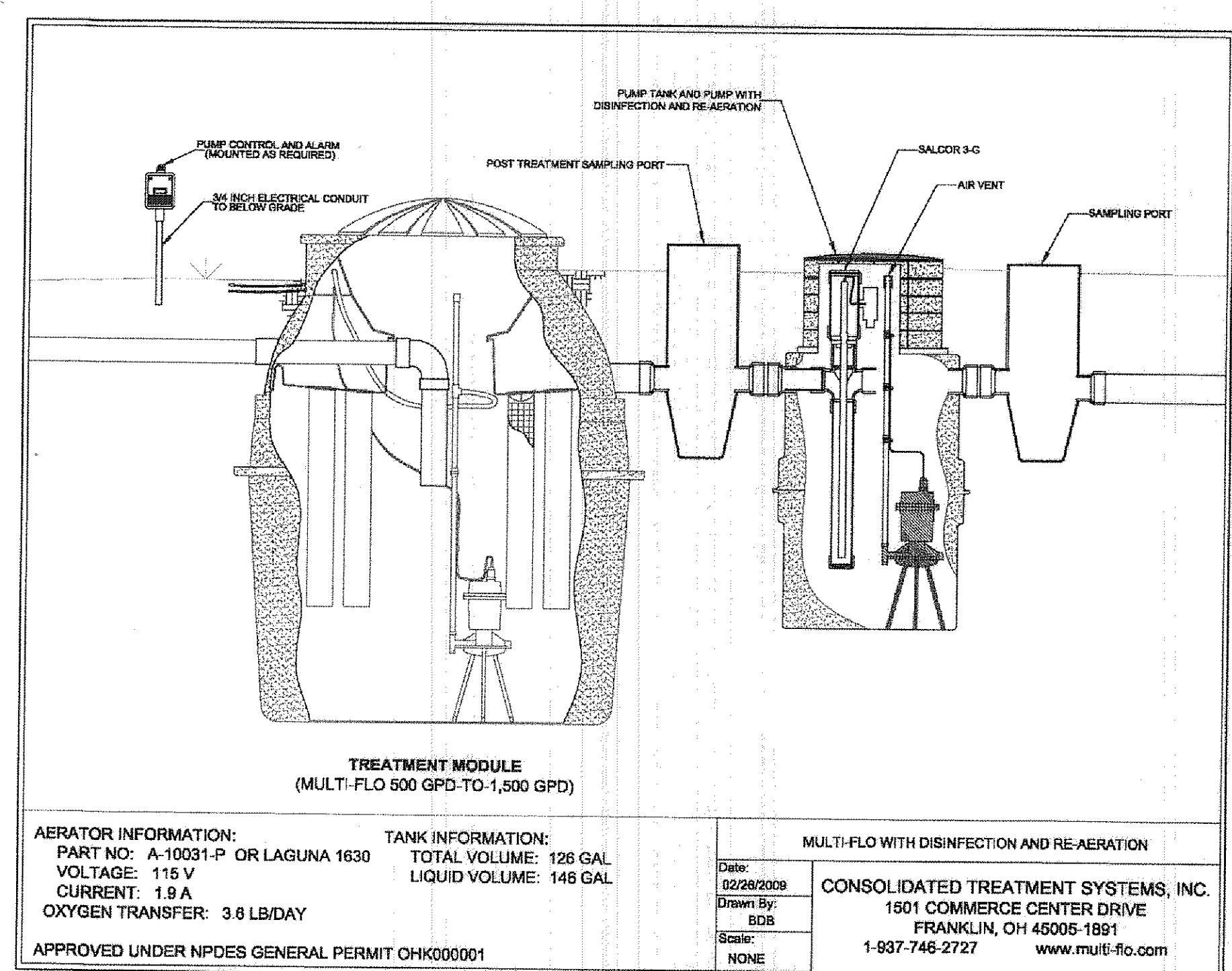
LEROY TOWNSHIP  
Zoning Approved  
# 44-22  
Zoning Inspector



THIS PARTICULAR PROJECT WAS DESIGNED FOR A THREE BEDROOM HOUSE PRODUCING AN AVERAGE FLOW OF 210 GALLONS PER DAY AND HAVING RESIDENTIAL STRENGTH WASTEWATER OF 140 MG/L OF BOD(5). THE SYSTEM DESIGN IS CAPABLE OF ACCOMMODATING PEAK FLOW OF UP TO 360 GALLONS PER DAY AND WASTEWATER STRENGTHS NOT TO EXCEED 250 MG/L OF BOD(5) FOR SHORT PERIODS OF TIME.

SEPTIC SYSTEM NOTES:

1. ALL ASPECTS OF THE SEPTIC SYSTEM SHALL ADHERE TO THE REGULATIONS OF THE BOARD OF HEALTH OF THE LAKE COUNTY GENERAL HEALTH DISTRICT PART (CHAPTER) 26 "SEWAGE TREATMENT RULES"
2. THE FULL SOIL ABSORPTION AREA SHALL BE FREE OF ANY SITE DISTURBANCE. IF ANY DISTURBANCE OR DAMAGE HAS OCCURRED, INSTALLATION SHALL NOT PROCEED AND THE REGISTERED INSTALLER SHALL CONTACT THE OWNER AND THE BOARD OF HEALTH.
3. THE SYSTEM MUST BE INSTALLED WHEN THE SOILS ARE DRY. THE INSTALLATION OF A SYSTEM IN WET CONDITIONS CAN CAUSE SOIL COMPACTION AND SMEARING WHICH LEADS TO SYSTEM FAILURE.
4. PRIOR TO EXCAVATION, THE REGISTERED INSTALLER SHALL CHECK ALL ELEVATIONS IN THE LAYOUT PLAN RELATIVE TO THE ESTABLISHED BENCHMARK.
5. THE INSTALLER MUST BE REGISTERED AND APPROVED PER O.A.C. 3701-29-04.1.
6. THE SYSTEM INSTALLER SHALL CONSULT WITH THE DESIGNER PRIOR TO ANY INTENDED CHANGES TO THE SYSTEM.
7. THE SYSTEM INSTALLER SHALL COORDINATE WITH THE DESIGNER IN ORDER TO PROVIDE AN ACCURATE AS-BUILT.
8. SYSTEM SHOWN DOES NOT SERVICE BASEMENT. IF BASEMENT SERVICE IS REQUIRED PUMP MUST BE INSTALLED PER CITY AND HEALTH DEPARTMENT REQUIREMENTS.
9. ALL ELECTRICAL WORK SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE.



AERATOR INFORMATION: PART NO: A-10031-P OR LAGUNA 1630 VOLTAGE: 115 V CURRENT: 1.9 A OXYGEN TRANSFER: 3.6 LB/DAY  
TANK INFORMATION: TOTAL VOLUME: 126 GAL LIQUID VOLUME: 146 GAL  
MULTI-FLO WITH DISINFECTION AND RE-AERATION  
CONSOLIDATED TREATMENT SYSTEMS, INC.  
1901 COMMERCE CENTER DRIVE  
FRANKLIN, OH 45005-1891  
1-937-746-2727 www.multi-flo.com  
APPROVED UNDER NPDES GENERAL PERMIT OHK000001

Builder and all subcontractors shall review this plan to verify house dimensions and all site improvements for any discrepancies, omissions and/or changes and notify Babcock Land Surveyors prior to any site work.

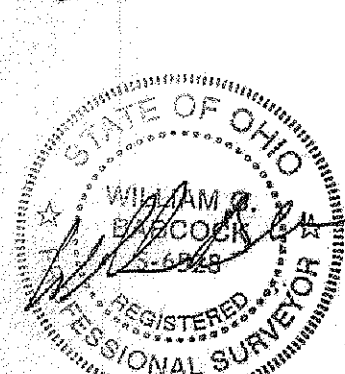
GENERAL NOTES:

1. BENCHMARK - TOP OF IRON PIN SET LOCATED AS SHOWN IN SITE PLAN. ELEVATION = 913.21.
2. ALL DOWNSPOUTS TO BE OUTLETTED TO SPLASH BLOCKS.
3. CONTRACTOR RESPONSIBLE FOR CONTACTING THE OHIO UTILITY PROTECTION SERVICE (1.800.362.2794) AND ALL UTILITY COMPANIES A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION.
4. THE LOCATION BOTH HORIZONTAL AND VERTICAL OF EXISTING UNDERGROUND UTILITIES SHOWN HEREON, HAVE BEEN OBTAINED BY A DILIGENT AND COMPREHENSIVE SEARCH OF AVAILABLE RECORDS. VERIFICATION BY FIELD OBSERVATION HAS BEEN CONDUCTED WHERE PRACTICAL. HOWEVER, BABCOCK LAND SURVEYORS DOES NOT GUARANTEE THE COMPLETENESS, NOR ACCURACY THEREOF.
5. CONTRACTOR SHALL VERIFY ELEVATIONS OF LATERAL INVERTS IN THE FIELD PRIOR TO FOUNDATION EXCAVATION.
6. PRIOR TO ANY WORK BEING PERFORMED WITH THE RIGHT OF WAY AND/OR UNDERGROUND UTILITY EASEMENTS, CONTRACTOR SHALL CONFIRM THAT ALL REQUIRED CLEARANCES AND BURY DEPTHS OF ALL UNDERGROUND UTILITIES WILL BE MAINTAINED AS A RESULT OF ANY AND ALL SITE IMPROVEMENTS.

CERTIFICATION:

"I THE UNDERSIGNED HEREBY CERTIFIES THAT THIS TOPOGRAPHY INDICATED BY 1 FOOT CONTOURS AND ELEVATION SHOWN HEREON REPRESENTS AN ACTUAL SURVEY MADE BY ME ON THE 30th DAY OF APRIL, 2013 AND THE ELEVATIONS WERE TAKEN AT AN APPROPRIATE INTERVAL AND AS OF THAT DAY THEY EXISTED AS INDICATED HEREON.

"I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF  
WILLIAM C. BABCOCK  
REGISTERED PROFESSIONAL SURVEYOR



**EROSION AND SEDIMENT CONTROL SCHEDULE**  
**INGRESS-EGRESS**  
A STONE ACCESS DRIVE COMPLETE WITH UNDERLYING 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.

STREETS DIRECTLY ADJACENT TO THE CONSTRUCTION ENTRANCES AND RECEIVING TRAFFIC FROM THE DEVELOPMENT AREA, SHALL BE CLEANED DAILY TO REMOVE SEDIMENT TRACKED OFF-SITE. IF APPLICABLE, THE CATCH BASINS ON THESE STREETS NEAREST TO THE CONSTRUCTION ENTRANCES SHALL BE CLEANED WEEKLY.

**SILT FENCE**  
ALL 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 SEED AND STRAW MULCHED WITHIN SEVEN (7) DAYS OF COMPLETION OF INITIAL GRADING. TEMPORARY SEEDING AND MULCHING OF 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 OF 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.

**NOTE:**  
ALL EROSION AND SEDIMENT CONTROL SPECIFICATIONS, APPLICATIONS, AND TIMETABLES ARE BASED ON THE DESCRIPTIONS AND STANDARDS OF THE OHIO DEPARTMENT OF NATURAL RESOURCES "RAINWATER AND LAND DEVELOPMENT MANUAL" AND CAN BE FOUND IN THE LAKE COUNTY EROSION AND SEDIMENT CONTROL RULES AS ADOPTED DECEMBER 21, 1998.

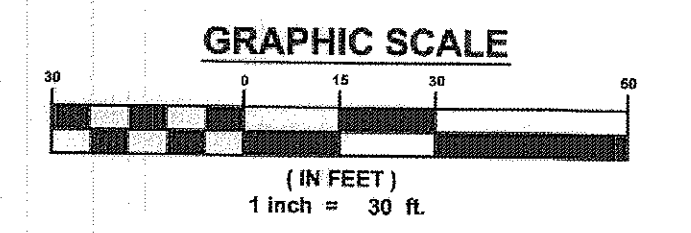
THE SPECIFIED EROSION AND SEDIMENT CONTROL STANDARDS ARE GENERAL GUIDELINES AND SHALL NOT LIMIT THE RIGHT OF THE COUNTY TO IMPOSE, AT ANY TIME, ADDITIONAL, MORE STRINGENT REQUIREMENTS. NOR SHALL THE STANDARDS LIMIT THE RIGHT OF THE COUNTY TO WAIVE, IN WRITING, INDIVIDUAL REQUIREMENTS.

REVIEWED AND ACCEPTED  
LAKE COUNTY GENERAL  
HEALTH DISTRICT  
DATE 5/20/13 BY [Signature]  
SEWAGE DISPOSAL PERMIT MUST BE OBTAINED BY A LAKE COUNTY LICENSED INSTALLER BEFORE INSTALLATION IS STARTED.

Grading Plan Approved  
as shown and/or noted  
JAMES R. GILLS, P.E.  
Lake County Engineer  
By [Signature] 5/30/13

TEMPORARY SEEDING SPECIFICATIONS			
SEEDING DATES	SPECIES	LB./1000 FT.	PER AC.
MARCH 1 TO AUGUST 15	OATS	3	4 BUSHEL
	TALL FESCUE	1	40 LB.
	ANNUAL RYEGRASS	1	40 LB.
	PERENNIAL RYEGRASS	1	40 LB.
	TALL FESCUE	1	40 LB.
	ANNUAL RYEGRASS	1	40 LB.
AUGUST 16 TO NOVEMBER 1	RYE	3	2 BUSHEL
	TALL FESCUE	1	40 LB.
	ANNUAL RYEGRASS	1	40 LB.
	WHEAT	3	2 BUSHEL
	TALL FESCUE	1	40 LB.
	ANNUAL RYEGRASS	1	40 LB.
	PERENNIAL RYEGRASS	1	40 LB.
	TALL FESCUE	1	40 LB.
	ANNUAL RYEGRASS	1	40 LB.
	ANNUAL RYEGRASS	1	40 LB.
NOVEMBER 1 TO SPRING SEEDING USE MULCH ONLY. SODDING PRACTICES OR DORMANT SEEDING. NOTE: OTHER APPROVED SEED SPECIES MAY BE SUBSTITUTED.			

REV. NO.	DESCRIPTION	DATE	BY	CHK'D
1	REVISED SEPTIC	5-15-13	WSO	WB



**BABCOCK LAND SURVEYORS**  
SURVEYORS & LAND PLANNERS  
PAINESVILLE OHIO 44077  
babcocklandsurveyors@yahoo.com

DATE	4/30/13
DESIGN BY	W.S.O.
DRAWN BY	W.S.O.
APPROVED BY	W.B.
CREW CHIEF	R.B.

**SITE PLAN**  
FOR  
**SCOTT EDWARDS**  
PART OF ORIGINAL LEROY TOWNSHIP LOT No. 18  
12656 HUNTOON ROAD (P.P.# 07A-04-14)  
LEROY TOWNSHIP LAKE COUNTY STATE OF OHIO

SCALE	1"=30'
JOB NO	13-13
SHEET	1 OF 1