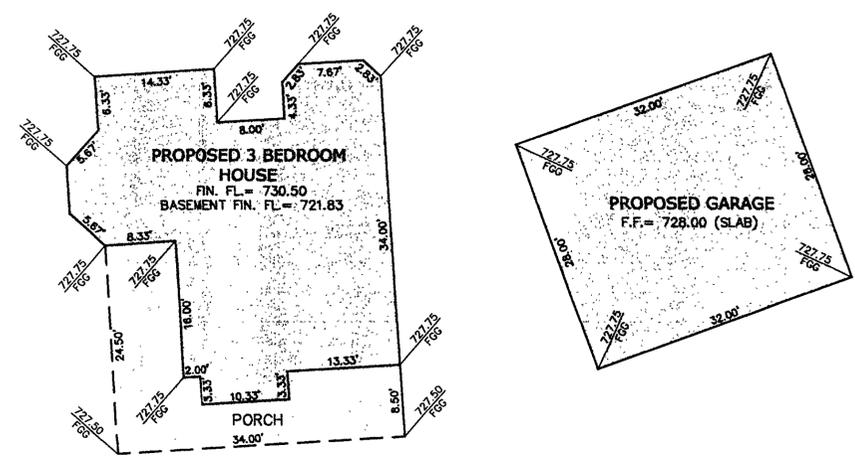
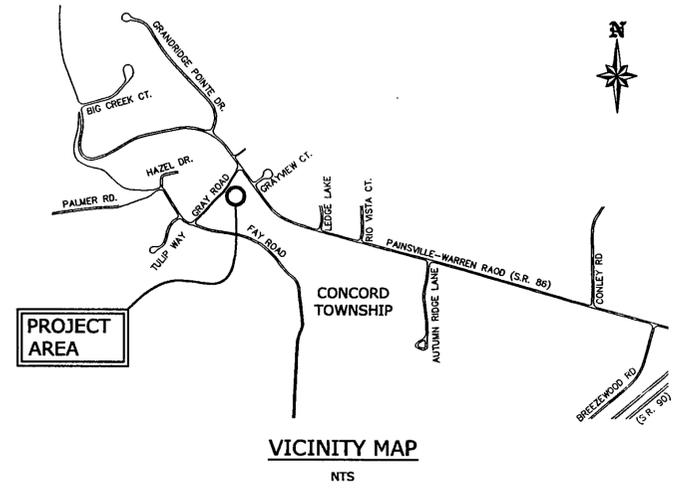


CONCORD TOWNSHIP ZONING OFFICE
 Zoning Permit # 1108-12525
 Date Issued 11/23/05
 Subject to Approval By:
 Lake Co. Engineer/Storm Water Mgmt.
 Lake Co. Utilities Dept.
 Lake Co. Soil + Water District
 Lake Co. Health District
 Lake Co. Building Dept.

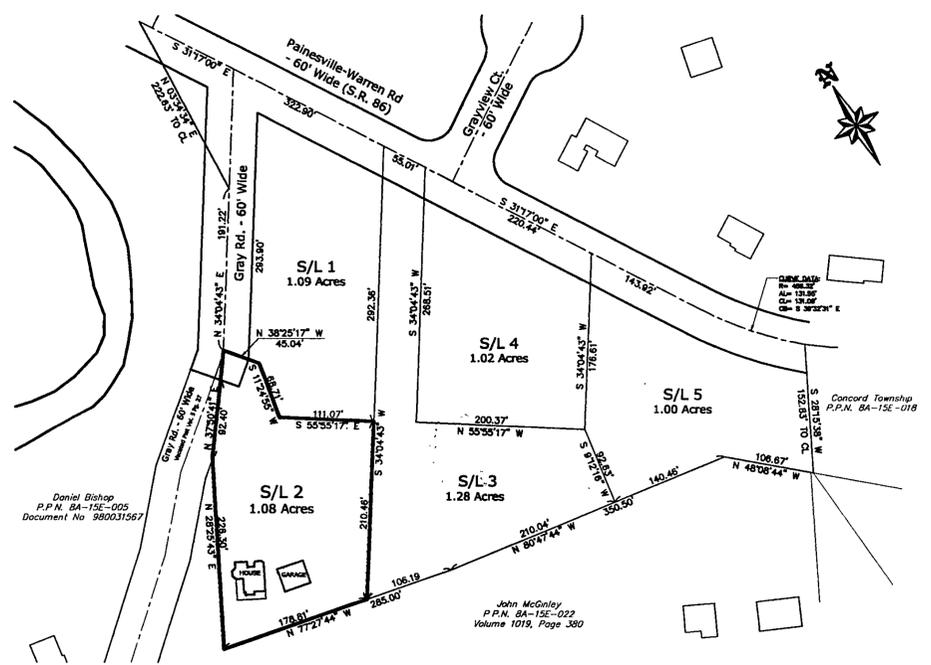


HOUSE & GARAGE DETAIL
 SCALE: 1" = 10'

SEE HOUSE PLANS FOR DETAILS AND COMPLETE CONSTRUCTION INFORMATION & DIMENSIONS.



VICINITY MAP
 NTS



PLOT PLAN
 NTS

CURRENT PARCEL DATA:

OWNER: SUSAN ARLENE GRAY
 S/L No. 2 SEE LOT SPLIT PLAN PREPARED BY AAA LANDSURVEYING, INC.
 P.P.N.: 8A-15E-020
 DEED REFERENCE: DOCUMENT NO. 2005R022833
 AREA: 1.08 ACRES (S/L 2)
 ZONING: R-4 RESIDENTIAL

PROJECT NOTES:

- CONTRACTOR TO FIELD VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES, INCLUDING ALL UNDERGROUND ELECTRICAL LINES.
- SEE HOUSE PLANS FOR DETAILS AND COMPLETE CONSTRUCTION INFORMATION & DIMENSIONS.
- DOWNSPOUTS ARE TO OUTLET TO SPLASHBLOCKS AND BE DIRECTED AWAY FROM THE HOUSE & THE GARAGE.
- ALL DISTURBED AREAS SHALL HAVE TEMPORARY SEEDING AS PER SPECIFICATIONS FOUND IN THE RAINWATER & LAND DEVELOPMENT MANUAL.
- BASEMENT FOOTER DRAINS ARE TO BE PUMPED TO SPLASHBLOCKS & DIRECTED AWAY FROM THE HOUSE.

CERTIFICATION:

"I, the undersigned, hereby certify that this topography, indicated by 1' 0" contours and elevations shown hereon, represent an actual field survey made by me or by my direct supervision on November 4, 2005 and that the elevations were taken at appropriate intervals and that, as of that date, they existed as indicated hereon.

[Signature]
 John Urbanick
 Reg. No. 66506
 Date: 11/11/05

Stormwater Management Plan
 Approved as shown and/or noted
 JAMES R. GILLS, P.E.
 County Drainage Engineer
 By L.S. Date 12/11/05

CHK'D:	
By	
Date	
Description	
Rev.	

Site and Septic Plan
 S/L 2 Gray Road
 Concord Township ~ Lake County ~ Ohio

Drawn By: JAS
 Checked By:
 Approved By:
 Date: 11/08/05

Greenland Consulting, Inc.
 7757 Auburn Road, Unit #9, Concord, OH 44077
 Phone: (440) 352-1794 Fax: (440) 352-1796
 E-Mail: green-land@bcglobal.net

Scale:	Horiz. 1" = 20'
	Vert. 1" = N/A
Sheet No.	Of
1	2

Filename: 04-104/S/L 2

SOIL & WATER CONSERVATION NOTES

- 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**
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 SEEDDED 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.
- 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 A MINIMUM DEPTH OF FOUR (4) 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 (7) SEVEN 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, 1999.

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.

TEMPORARY SEEDING SPECIFICATIONS

SEEDING DATES	SPECIES	LB./1,000 FT.	PER ACRE
MARCH 1 TO AUGUST 15	OATS	3	4 BUSHEL
	TALL FESCUE	1	40 LB.
	ANNUAL RYEGRASS	1	40 LB.
	PERENNIAL RYEGRASS	1	40 LB.
AUGUST 16 TO NOVEMBER 1	RYE	3	2 BUSHEL
	TALL FESCUE	1	40 LB.
	ANNUAL RYEGRASS	1	40 LB.
	PERENNIAL RYEGRASS	1	40 LB.
NOVEMBER 1 TO SPRING SEEDING	WHEAT	3	2 BUSHEL
	TALL FESCUE	1	40 LB.
	ANNUAL RYEGRASS	1	40 LB.
	PERENNIAL RYEGRASS	1	40 LB.
NOVEMBER 1 TO SPRING SEEDING	USE MULCH ONLY, SODDING PRACTICES OR DORMANT SEEDING.		

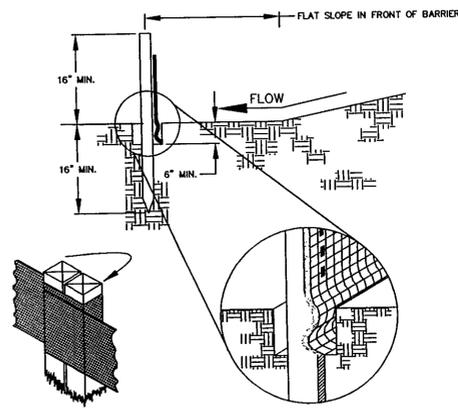
*NOTE: OTHER APPROVED SEED SPECIES MAY BE SUBSTITUTED.

ADDITIONAL TEMPORARY STABILIZATION NOTES:

- TEMPORARY SEEDING MUST BE APPLIED WITHIN 7 DAYS OF THE LAST DISTURBANCE OF ANY AREA THAT WILL BE DORMANT FOR 21 DAYS OR LONGER.
- TEMPORARY SEEDING IS REQUIRED WITHIN 7 DAYS OF LAST DISTURBANCE FOR ANY AREAS THAT WILL REMAIN IDLE OVER THE WINTER.
- TEMPORARY SEEDING IS REQUIRED WITHIN 2 DAYS OF LAST DISTURBANCE FOR ANY WITHIN 50 FEET OF A STREAM.

PAINESVILLE WATER DEPT. (PWD) GENERAL NOTES:

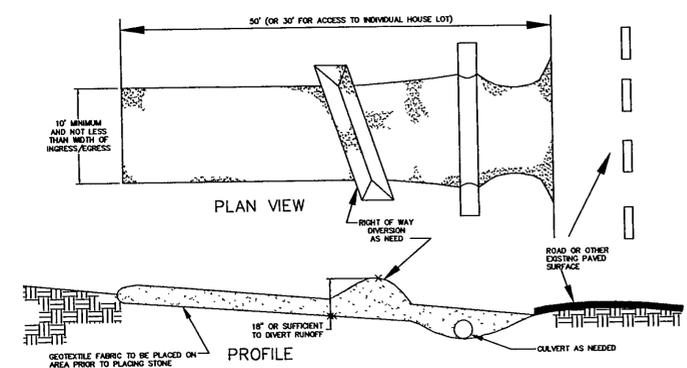
- ALL BENDS, TEES, AND REDUCERS TO BE MEGA-LUG RESTRAINED.
- HYDRANTS TO BE MUELLER CENTURION 5-1/4", DARLING, OR EQUAL. HYDRANTS TO BE PLUGGED.
- INSTALLATION AND PRESSURE TESTING SHALL BE PER PWD SPECIFICATIONS.
- ALL WATERMAINS SHALL BE D.I.P. CLASS 52 AND SHALL CONFORM TO AWWA C150. TAR AND WRAP ALL FITTINGS.
- DISINFECTION AND/OR CHLORINATION SHALL BE AS PER AWWA C651.
- FEES AND APPLICATION FOR FIRE LINE INSTALLATION AND INSPECTION DEPOSIT OF \$175.00 PER DAY SHALL BE PLACED WITH THIS OFFICE 72 HOURS PRIOR TO SCHEDULING CONSTRUCTION.
- LINE VALVES TO BE "RIGHT TO OPEN VALVES".
- CONTRACTOR IS RESPONSIBLE FOR ALL INSPECTION COSTS. INSPECTION COSTS TO BE PAID TO PWD AT THE CURRENT HOURLY RATE.
- ZINC ANODE CAPS ARE TO BE USED ON ALL MECHANICAL JOINT BOLTS.
- CURB STOPS SHALL HAVE COPPER INLETS AND OUTLETS AND SHALL BE HAYS 4304, FORD 822, OR EQUAL.
- SERVICE BOXES SHALL BE BUFFALO PATTERN WITH 2 1/2" SHAFTS. THE BOXES SHALL BE ADJUSTABLE IN HEIGHT FROM 42" TO 60" AND SHALL HAVE THE WORD "WATER" CAST NEATLY AND LEGIBLY ON THE LID WHICH SHALL BE HELD IN PLACE BY A BRONZE OR BRASS STANDARD BOLT. CURB BOXES SHALL BE STANDARD WEIGHT, SIZE 94E, AND SHALL BE MUELLER 6-10350, TYLER PIPE INDUSTRIES 6500 OR EQUAL.
- ALL M.J. FITTINGS TO BE "CL 110".
- WATER METER TO BE INSTALLED PER P.W.D. SPEC'S.
- 1" SERVICE IS TO BE INSTALLED BY CONTRACTOR UNDER CITY INSPECTION.
- 1" TAP TO BE MADE BY THE CITY WATER DEPT. AT OWNER'S COST.



SILT FENCE DETAIL

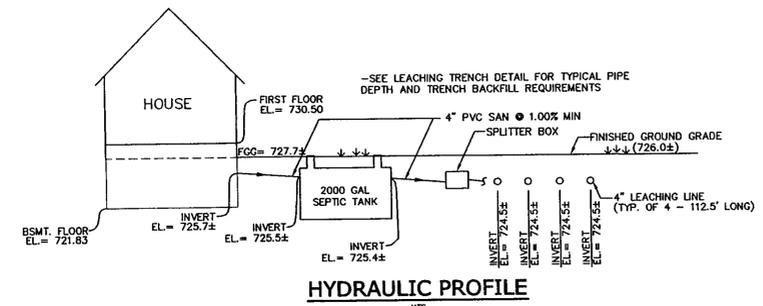
NTS

MAXIMUM DRAINAGE AREA (IN ACRES) TO 100 LINEAR FEET OF SILT FENCE.	RANGE OF SLOPE FOR A PARTICULAR DRAINAGE AREA (IN PERCENT)
0.5	< 2%
0.25	≥ 2% BUT < 20%
0.125	≥ 20% BUT < 50%



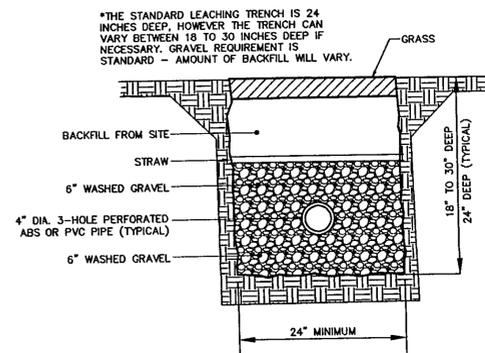
CONSTRUCTION ENTRANCE DETAIL

NTS



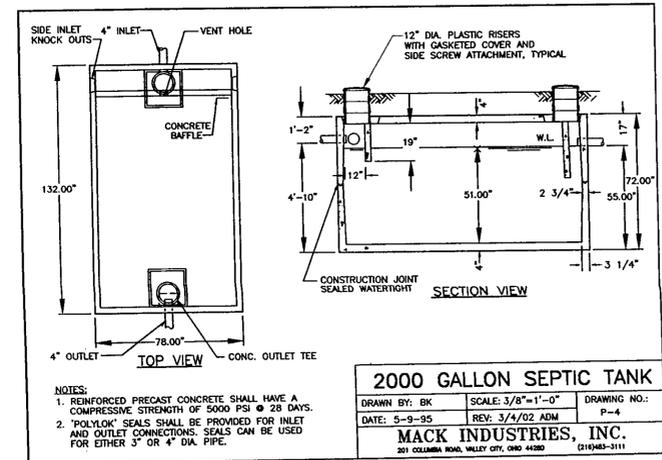
HYDRAULIC PROFILE

NTS



LEACHING TRENCH DETAIL

NTS



NOTES:
1. REINFORCED PRECAST CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 5000 PSI @ 28 DAYS.
2. 'POLYLOK' SEALS SHALL BE PROVIDED FOR INLET AND OUTLET CONNECTIONS. SEALS CAN BE USED FOR EITHER 3\"/>

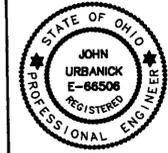
2000 GALLON SEPTIC TANK			
DRAWN BY: BK	SCALE: 3/8"=1'-0"	DRAWING NO.:	
DATE: 5-9-95	REV: 3/4/02 ADM	P=4	
MACK INDUSTRIES, INC.			
201 COLUMBIA ROAD, WELLEY CITY, OHIO 44280 (216)483-3111			

Rev.	Description	Date	By	CHK'D

Details

S/L 2 Gray Road

Concord Township ~ Lake County ~ Ohio



Drawn By: JAS
Checked By:
Approved By:
Date: 11/08/05

Greenland Consulting, Inc.

7757 Auburn Road, Unit #9, Concord, OH 44077
Phone: (440) 352-7770
E-Mail: greenland@scglobal.net

Scale: Hertz. 1"=N/A
Vert. 1"=N/A

Sheet No. **2** Of **2**

Filename: 04-104\S\L 2