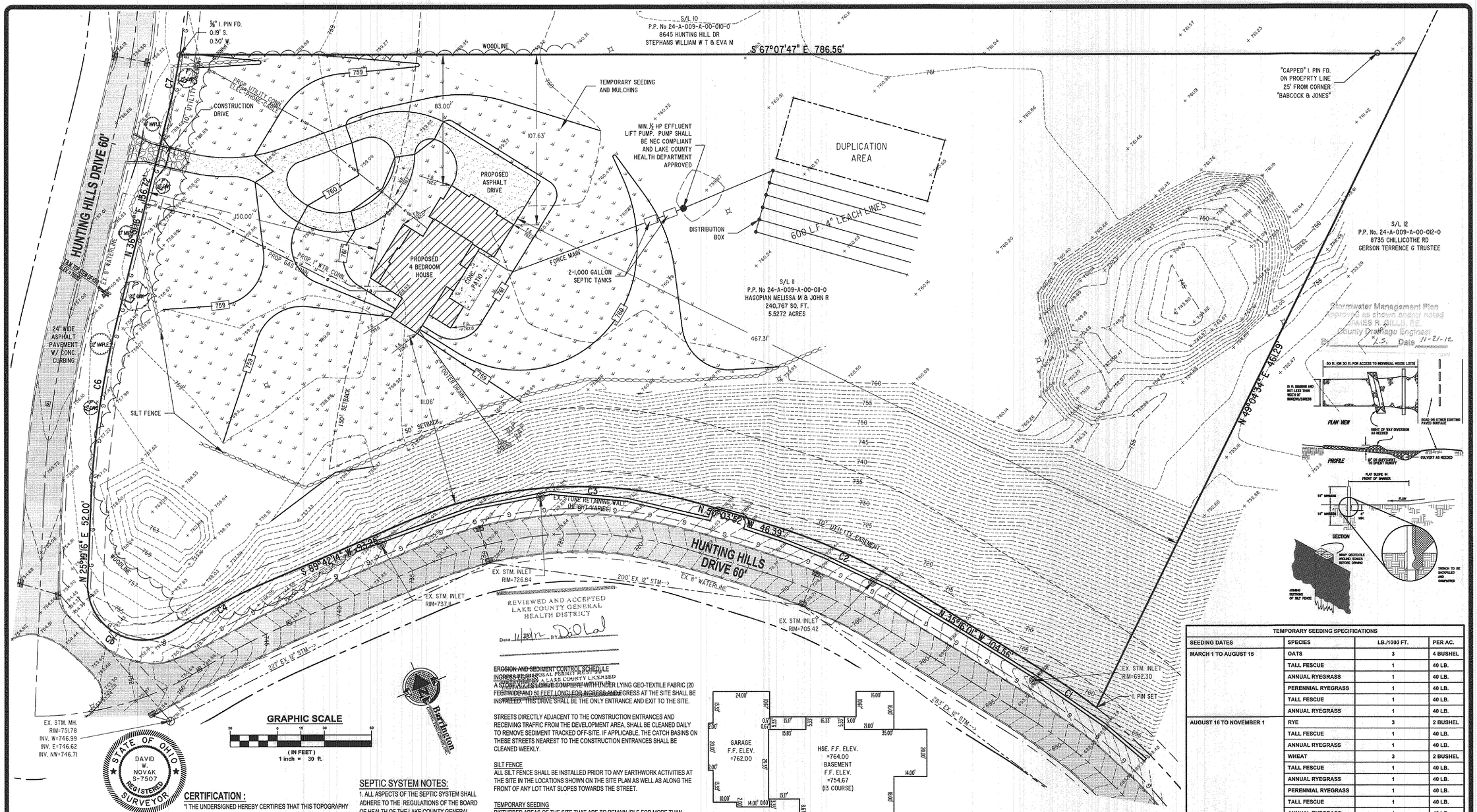
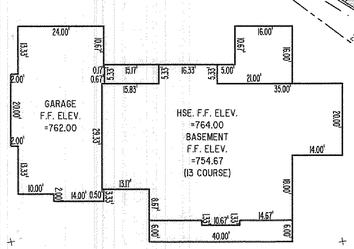


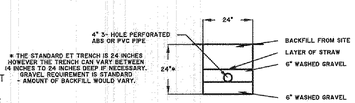




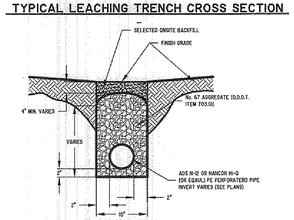
| TEMPORARY SEEDING SPECIFICATIONS | | | |
|---|---|---|---|
| SEEDING DATES | SPECIES | LB./1000 FT. | PER AC. |
| MARCH 1 TO AUGUST 15 | OATS | 3 | 4 BUSHEL |
| | TALL FESCUE | 1 | 40 LB. |
| | ANNUAL RYEGRASS | 1 | 40 LB. |
| | PERENNIAL RYEGRASS | 1 | 40 LB. |
| | TALL FESCUE | 1 | 40 LB. |
| | ANNUAL 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. |
| NOVEMBER 1 TO SPRING SEEDING | USE MULCH ONLY, SODDING PRACTICES OR DORMANT SEEDING. | | |

NOTE: OTHER APPROVED SEED SPECIES MAY BE SUBSITUTED.

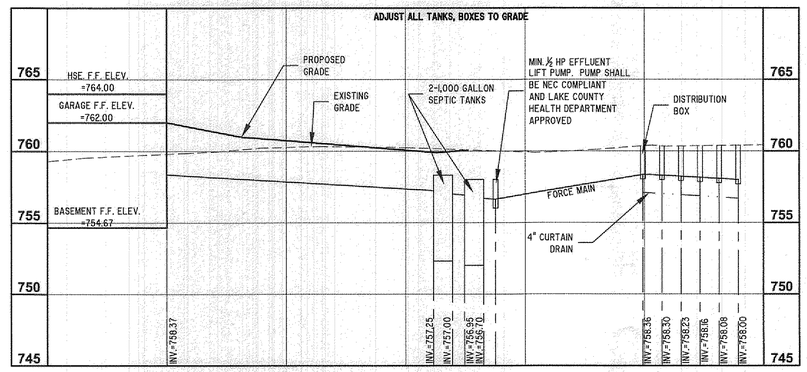



TYPICAL LEACHING TRENCH CROSS SECTION




TRENCH DETAIL




## GRAPHIC SCALE

30 0 15 30 60

( IN FEET )
1 inch = 30 ft.

STATE OF OHIO
DAVID W. NOVAK
S-7507
REGISTERED
SURVEYOR

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 Barrington Consulting Group, Inc. prior to any site work.

## GENERAL NOTES:

1. BENCHMARK - TOP STEM OF EXISTING FIRE HYDRANT LOCATED IN FRONT SUBLOT 11, ELEVATION = 760.82.
2. DRIVEWAY APRON TO BE 6" THICK CONCRETE.
3. ALL DOWNSPOUTS TO BE OUTLETTED TO SPLASH BLOCKS.
4. CONTRACTOR RESPONSIBLE FOR CONTACTING THE OHIO UTILITY PROTECTION SERVICE (1.800.362.2764) AND ALL UTILITY COMPANIES A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION.
5. 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, BARRINGTON CONSULTING GROUP, INC. DOES NOT GUARANTEE THE COMPLETENESS, NOR ACCURACY THEREOF.
6. CONTRACTOR SHALL VERIFY ELEVATIONS OF LATERAL INVERTS IN THE FIELD PRIOR TO FOUNDATION EXCAVATION.
7. 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.
8. SEE SHEET 2 FOR EROSION AND SEDIMENT-CONTROL PLAN
9. SEE SHEET 2 FOR SEEDING INFORMATION

## 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 20th DAY OF SEPTEMBER, 2012 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"

DAVID W. NOVAK, P.S. No. 7507

GD10-12MG

## SEPTIC SYSTEM CALCULATIONS:

4 BEDROOM HOUSE x 120 GALLONS PER DAY = 480 GPD
BASED ON SOIL REPORT PREPARED BY JIM FINCHAM ON FEBRUARY 28, 2012,
LANDSCAPE LINEAR LOADING RATE = 5.5 GPD/FT
BASAL LOADING RATE = 0.4 GPD/SF (>30 mg/L BOD)

TRENCH LENGTH:
480 GPD / 5.5 GPD/FT = 87.28 FT ROUND UP TO 88 FT

MINIMUM BASAL AREA:
480 GPD / 0.4 GPD/SF= 1200 SF
USING A 24" WIDE TRENCH, 1200 SF/2 FT= 600 FT

SUMMARY:
6 - 100' LINES @ 8' O.C. REQUIRED
6 -100' LINES @ 8' O.C. PROVIDED
ACTUAL LLLR = 3.2 GPD/FT
ACTUAL BASAL LOADING RATE = 0.4 GPD/SF

## 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) 29 "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 COMPONENTS AND INSTALLATION MUST BE NEC COMPLIANT.

EROSION AND SEDIMENT CONTROL SCHEDULE
INGRESS/EGRESS DRIVE
A STONE INGRESS/EGRESS 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.

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 SEEDED 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 OF 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. NOR SHALL THE STANDARDS LIMIT THE RIGHT OF THE COUNTY TO WAIVE, IN WRITING, INDIVIDUAL REQUIREMENTS.

| REVISIONS | BY |
|---|---|
| REVISED PER LCGHD NOV. 16, 2012 | WSO |


Barrington
CONSULTING GROUP, INC.
9114 TYLER BLVD., MENTOR, OHIO 44060
PHONE 440.205.1260 FAX 440.205.1262
www.BarringtonCGI.com


REGENCEY CONSTRUCTION INC.
GEORGE LUNKA
9046 REGENCY WOODS DR.
KIRTLAND, OHIO 44060
440.256.2690

# SITE PLAN

S/L 11 HUNTING HILLS DR., KIRTLAND HILLS OHIO 44060
HUNTING HILLS SUBDIVISION VOL. 14 PG. 26

HAGOPIAN RESIDENECE

| | |
|---|---|
| DRAWN | WSO |
| CHECKED | DWN |
| DATE | OCT. 3, 2012 |
| SCALE | 1" = 30' |
| JOB NO. | 12072 |
| SHEET | 1 OF 1 SHEETS |

12072

W:\BLOCKS\BORDERS\24X36BA2 20E.DWG