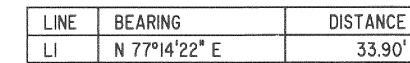
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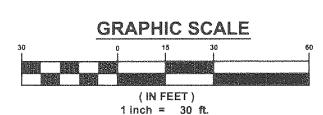


RADIUS	LENGTH	CHORD	BEARING	DELTA ANGLE
315.64	442.16'	406.89'	N 03°13'07" W	80°15'46"
222.00'	II9.35 [']	117.92'	S 21°30'37" W	30°48'15"
340.64'	80.46'	80.28'	N 30°08'45" E	13°32'02"
197.00'	105.91	104.64'	S 21°30'37" W	30°48'15 "
30.00'	42.37'	38.93'	S 34°20'58" E	80°54'55 *
65.00'	70.39'	67.00'	N 43°47'01" W	62°02'47"
	315.64 ¹ 222.00 ¹ 340.64 ¹ 197.00 ¹ 30.00 ¹	315.64' 442.16' 222.00' 119.35' 340.64' 80.46' 197.00' 105.91' 30.00' 42.37'	315.64' 442.16' 406.89' 222.00' 119.35' 117.92' 340.64' 80.46' 80.28' 197.00' 105.91' 104.64' 30.00' 42.37' 38.93'	315.64' 442.16' 406.89' N 03°13'07" W 222.00' 119.35' 117.92' S 21°30'37" W 340.64' 80.46' 80.28' N 30°08'45" E 197.00' 105.91' 104.64' S 21°30'37" W 30.00' 42.37' 38.93' S 34°20'58" E



REVISIONS

RGE DAVIS
OR, OHIO 44060



Tables Manago wed as shown a JAMES R. GILL County Drainage En

GENERAL NOTES:

1. BENCHMARK - TOP STEM OF EXISTING FIRE HYDRANT LOCATED AS SHOWN IN SITE PLAN, ELEVATION = 1110.85 2. DRIVEWAY APRON TO BE 6" THICK CONCRETE. 3. ALL DOWNSPOUTS TO BE OUTLETTED TO SPLASH

4. 6" STORM CONNECTION SHALL BE PVC SCHEDULE 40 OR SDR 35 AT A MINIMUM SLOPE OF 1.0%. 5, 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.

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

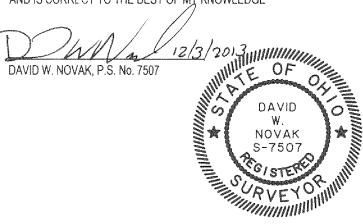
7. CONTRACTOR SHALL VERIFY ELEVATIONS OF LATERAL INVERTS IN THE FIELD PRIOR TO FOUNDATION EXCAVATION

CERTIFICATION

THIS PLAT REPRESENTS A SURVEY WHICH MEETS THE MINIMUM STANDARDS FOR A BOUNDARY SURVEY IN THE STATE OF OHIO AS SPECIFIED IN THE ADMINISTRATIVE CODE CHAPTER 4733-37. SURVEYED ON OCTOBER 28th 2013 UNDER THE SUPERVISION OF DAVID W. NOVAK, P.S. No. MONUMNET BOX 7507. ALL PINS SHOWN WERE EITHER FOUND OR NOTED

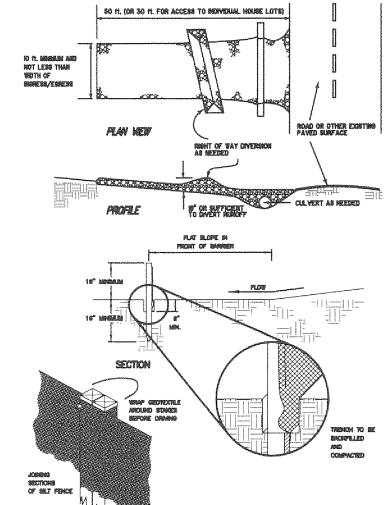
/ W/ %" CAPPED "I THE UNDERSIGNED HEREBY CERTIFY THAT THIS TOPOGRAPHY INDICATED BY 1' CONTOURS AND ELEVATIONS SHOWN HEREON REPRESENTS AN ACTUAL SURVEY MADE BY ME ON THE 28th DAY OF OCTOBER, 2013 AND THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND AS OF THAT DAY THEY EXISTED AS

> "I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME AND IS CORRECT TO THE BEST OF MY KNOWLEDGE"



Barrington Consulting Group, Inc. has not conducted a wetlands investigation or researched any records to determine if any wetlands are present on this site. Any wetland information shown on this plan is not guaranteed to be complete or accurate. The owner is responsible to take the appropriate steps with regard to any wetlands that might be present on this site or adjacent to this site prior to the start of any activity on the lot.

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



SCALE 1" = 20'

EROSION AND SEDIMENT CONTROL EROSION AND SEDIMENT CONTROL

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.

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.

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.

EROSION AND SEDIMENT CONTROLS SHALL BE OF A 0.5" OR GREATER RAINFALL EVENT. NECESSARY REPAIRS SHALL BE MADE AT THIS TIME.

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.

INGRESS-EGRESS A STONE ACCESS DRIVE COMPLETE WITH UNDER LYING GEO-TEXTILE FABRIC (14 FEET WIDE AND 30

FEET LONG WITH 6-10 INCH STONE DEPTH) 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.

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

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.

THIS PARTICULAR PROJECT WAS DESIGNED FOR A FOUR BEDROOM HOUSE PRODUCING AN AVERAGE FLOW OF 288 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 480 GALLONS PER DAY AND WASTEWATER STRENGTHS NOT TO EXCEED 250 MG/L OF BOD(5) FOR SHORT PERIODS OF TIME.

THE DESIGN OF THIS SYSTEM WAS BASED ON A SOIL REPORT PREPARED BY FLOYD McCLEARY (DATED 11/14/13). THE REPORT INCLUDED 3 BORING LOCATIONS. THE WORST CASE CONDITIONS FROM BORING 2 WERE USED TO OBTAIN RECOMMENDED SOIL LOADING RATES.

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.					
			13087		

SCALE 1" = 30'

S/L 3 COURTNEY LAND

NOV. 25, 2013