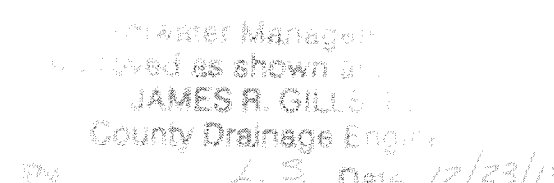
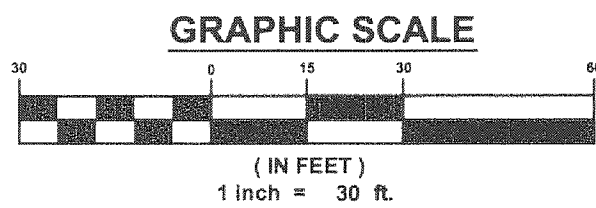


**Barrington**  
CONSULTING GROUP, INC.  
9114 TYLER BLVD., MENTOR, OHIO 44060  
PHONE 440.205.1260 FAX 440.205.1262

**SITE PLAN**  
JURNEY LN., KIRTLAND, OHIO 44060  
NEY LANE SUBDIVISION VOL. 51 PG. 91  
WAEGER RESIDENCE



CURVE	RADIUS	LENGTH	CHORD	BEARING	DELTA ANGLE
C1	315.64'	442.16'	406.89'	N 03°13'07" W	80°15'46"
C2	222.00'	119.35'	117.92'	S 21°30'37" W	30°48'15"
C3	340.64'	80.46'	80.28'	N 30°08'45" E	13°32'02"
C4	197.00'	105.91'	104.64'	S 21°30'37" W	30°48'15"
C5	30.00'	42.37'	38.93'	S 34°20'58" E	80°54'55"
C6	65.00'	70.39'	67.00'	N 43°47'01" W	62°02'47"



"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 INDICATED HEREON.

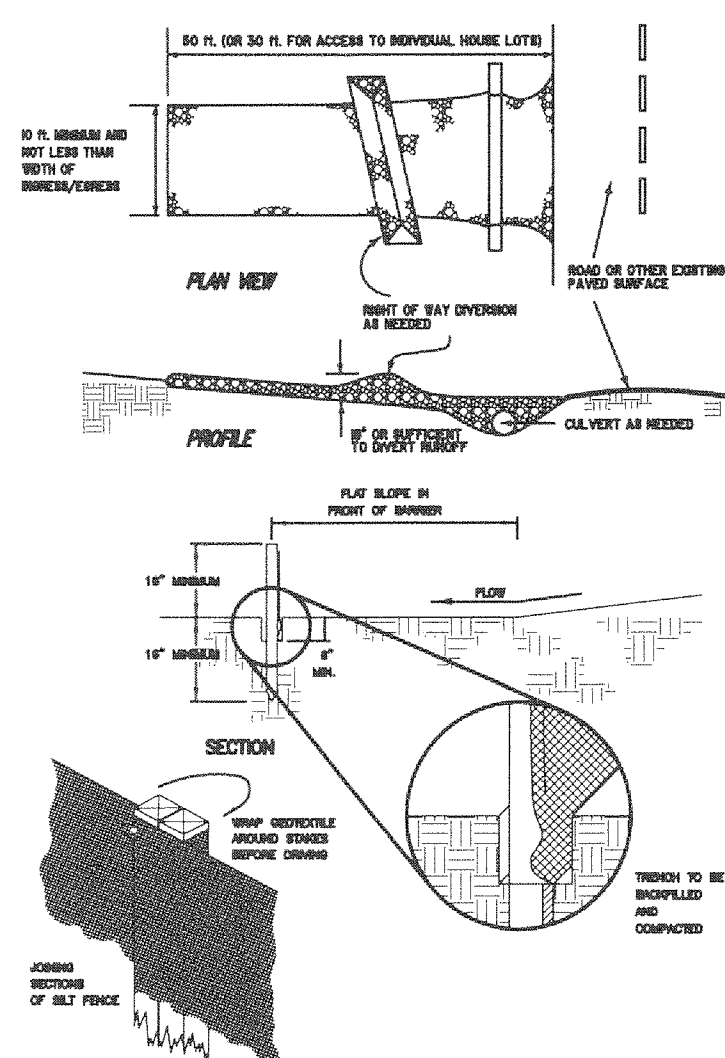
"I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME AND IS CORRECT TO THE BEST OF MY KNOWLEDGE"

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

DAVID W. NOWAK 12/3/2013  
DAVID W. NOWAK, P.E. No. 7507

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 site work.



**SILT FENCE**  
ALL SILT FENCE SHALL BE INSTALLED PRIOR TO ANY EARTHWORK ACTIVITIES AT THE SITE IN THE LOCATION 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.

MULCHING  
STRAW-MULCH SHALL BE APPLIED AT A RATE OF 1 BAL 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 SPECIFICATION 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, 1989.

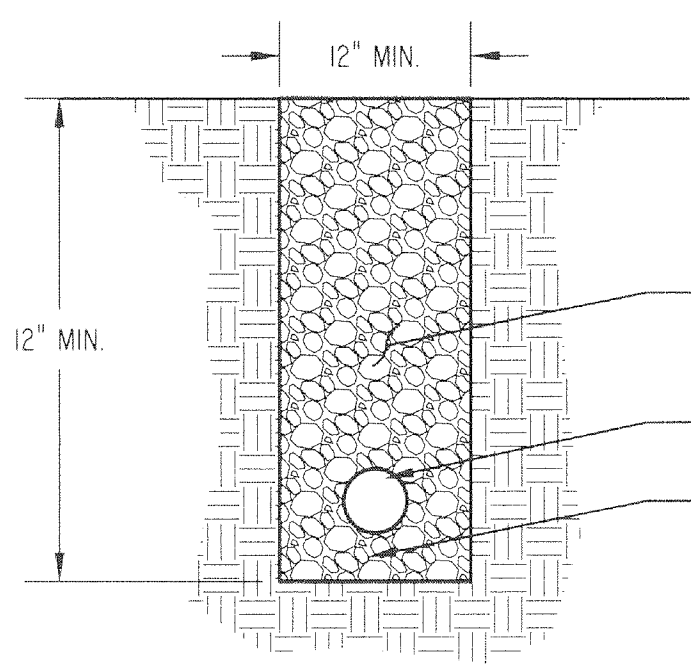
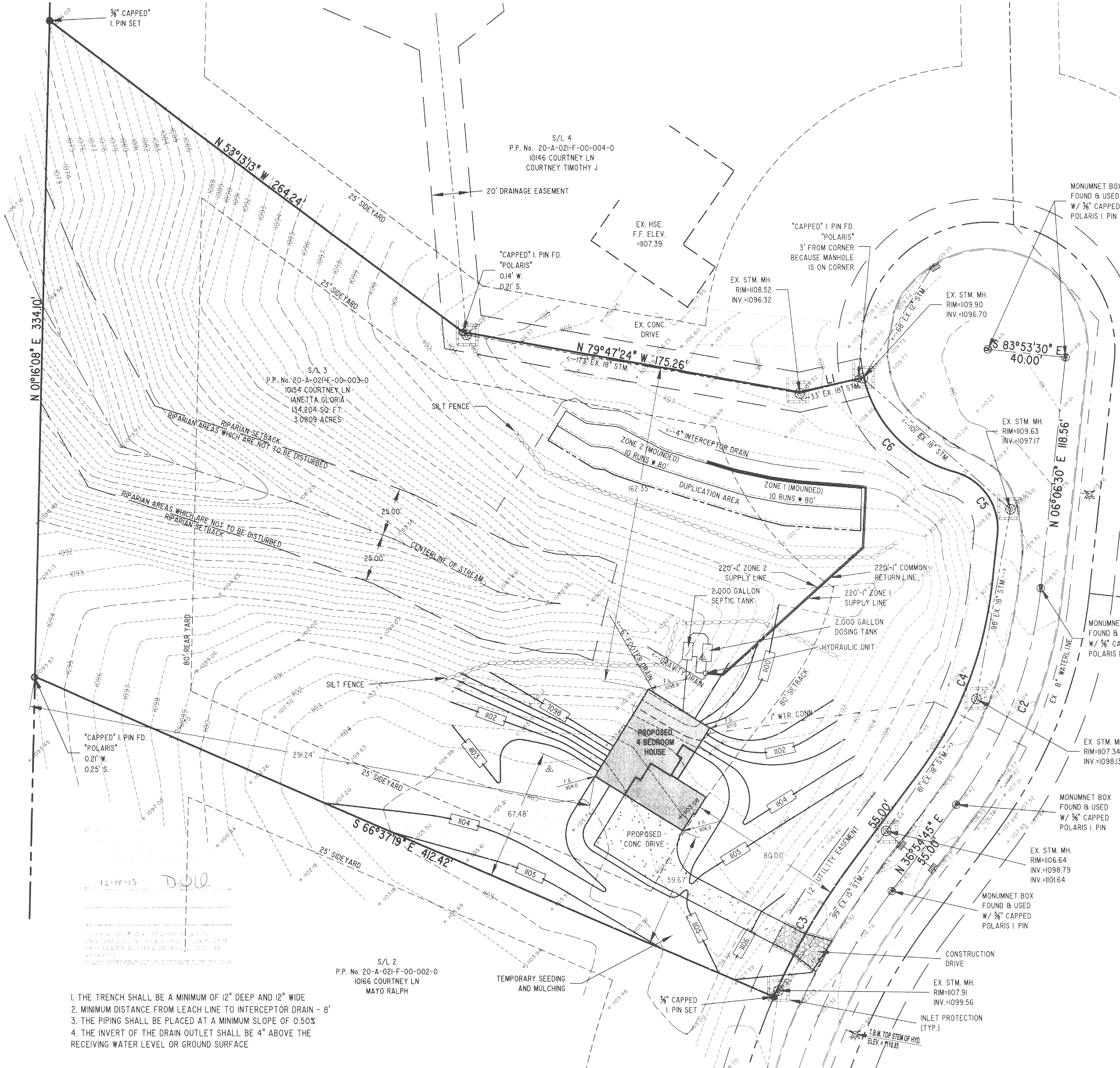
THE SPECIFIED EROSION AND SEDIMENT CONTROL STANDARDS ARE GENERAL GUIDELINES AND SHALL NOT LIMIT THE RIGHT OF THE COUNTY TO IMPOSE, AT ANY TIME, ADDITIONAL, MORE STRINGENT REQUIREMENTS. NOR SHALL THE STANDARDS LIMIT THE RIGHT OF THE COUNTY TO WAIVE, IN WRITING, INDIVIDUAL REQUIREMENTS.

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.

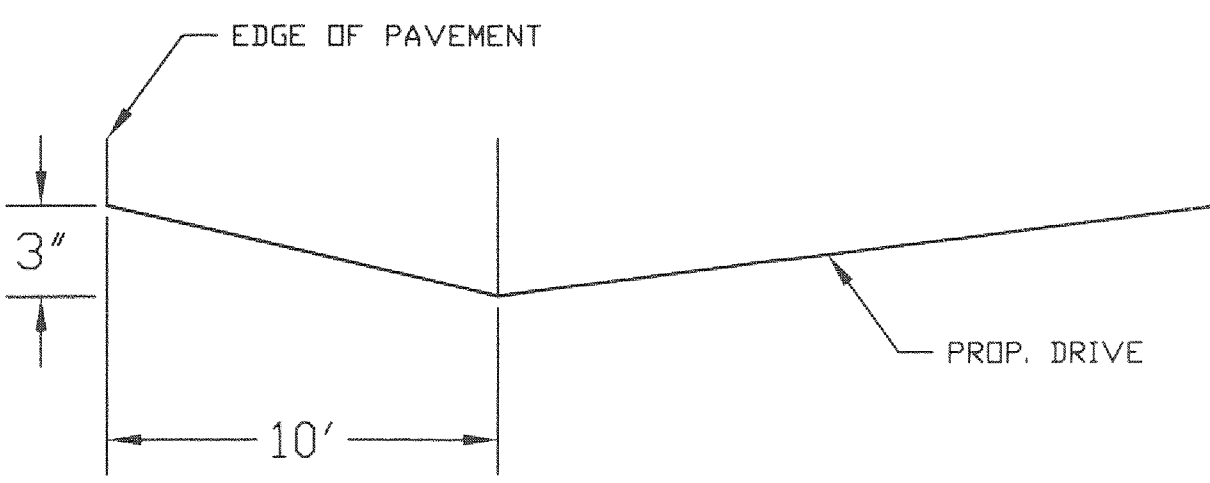
THE DESIGN OF THIS SYSTEM WAS BASED ON A SOIL REPORT PREPARED BY FLOYD McCLEARY ( DATED 11/14/13). THE REPORT INCLUDED 3 BORING LOCATIONS. THE WORST CASE CONDITIONS FROM BORING 2 WERE USED TO OBTAIN RECOMMENDED SOIL LOADING RATES.

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.
NOVEMBER 1 TO SPRING SEEDING	ANNUAL RYEGRASS	1	40 LB.
	USE MULCH ONLY. SODDING PRACTICES OR DORMANT SEEDING		

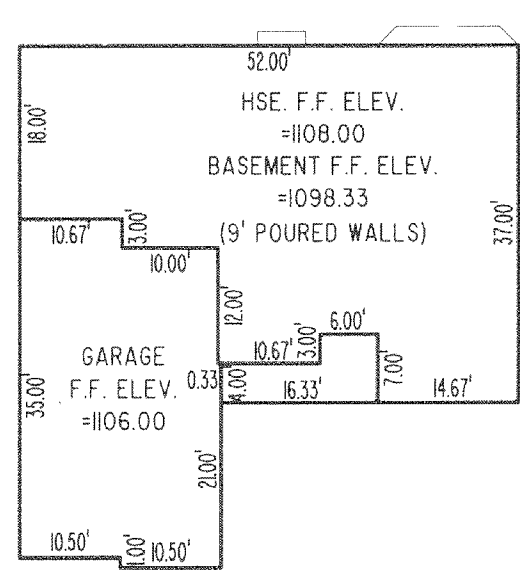
1308



### TYPICAL INTERCEPTOR DRAIN CROSS SECTION



## DRIVE PROFILE



**HOUSE DETAIL**  
SCALE 1" = 20'