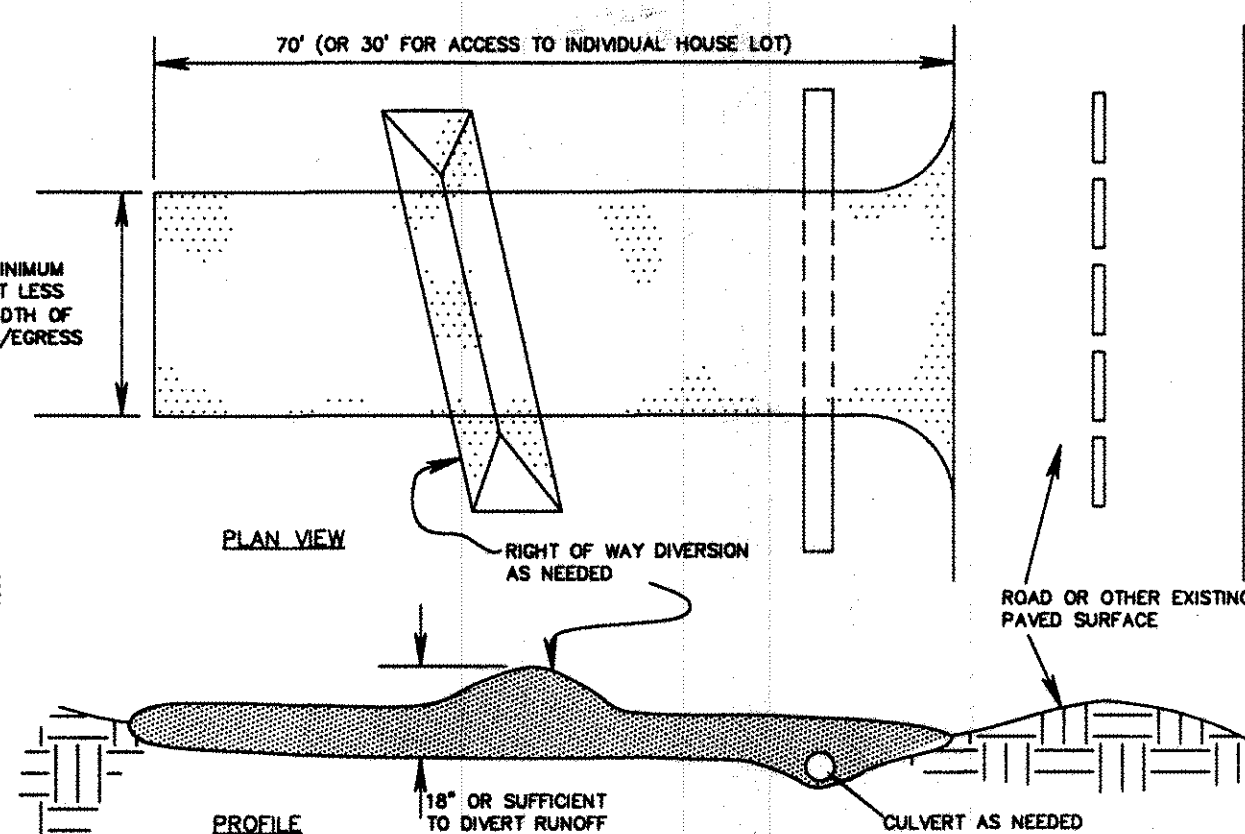
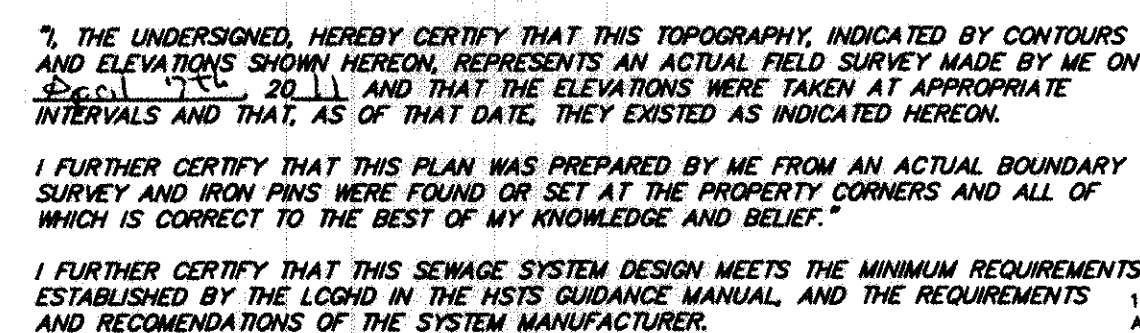




SEEDING DATES	SPECIES	LB./1,000 S.F.	LB/PER ACRE
MARCH 1 - AUGUST 15	OATS	3	128 (4 BUSHEL)
	TALL FESCUE	1	40
	ANNUAL RYEGRASS	1	40
	PERENNIAL RYEGRASS	1	40
	TALL FESCUE	1	40
	ANNUAL RYEGRASS	1	40
	ANNUAL RYEGRASS	1.25	55
	PERENNIAL RYEGRASS	3.25	143
	CREEPING RED FESCUE	0.4	17
	KENTUCKY BLUEGRASS	0.4	17
	OATS	3	128 (3 BUSHEL)
	TALL FESCUE	1	40
	ANNUAL RYEGRASS	1	40
AUGUST 16 - NOVEMBER	RYE	3	112 (2 BUSHEL)
	TALL FESCUE	1	40
	ANNUAL RYEGRASS	1	40
	WHEAT	3	150 (2 BUSHEL)
	TALL FESCUE	1	40
	ANNUAL RYEGRASS	1	40
	PERENNIAL RYEGRASS	1	40
	TALL FESCUE	1	40
	ANNUAL RYEGRASS	1	40
	ANNUAL RYEGRASS	1.25	45
	PERENNIAL RYEGRASS	3.25	143
	CREEPING RED FESCUE	0.4	17
	KENTUCKY BLUEGRASS	0.4	17
USE MULCH ONLY OR DORMANT SEEDING			
NOVEMBER 1 - FEB. 29			

[illegible]

WARNER ROAD - SUITE 12
EY VIEW, OHIO 44125
0-602-9071

AZTECH
FAX 216-369-025

ENGINEERING and SURVEYING

Civil Engineering - Land Surveying

SHEET CONTENT

SITE PLAN

FOR

PERRINO HOMES

10165 ORCHARD DRIVE

*S/L 6 IN THE
CHAPIN LEDGES SUBDIVISION
PLAT VOLUME 54, PAGE 8*

CITY OF KIRTLAND
LAKE COUNTY
STATE OF OHIO

[illegible]

<u>HORIZ. SCALE</u>	<u>VERT. SCALE</u>
1" = 30'	
<u>DRAWN BY</u>	<u>DATE</u>
CL	11/18/2011
<u>CHECKED BY</u>	<u>DRAWING NO.</u>
SRL	20102358
<u>JOB NO</u>	<u>SHEET</u>
20102358	1 OF 2

LEGEND

- = IRON PIN FND
- ⊙ = IRON PIN SET
- 5/8" X 30" REBAR
CAPPED "AZTECH 8249"
- = MONUMENT BOX
- ⊙ = SANITARY MANHOLE
- ⊙ = STORM MANHOLE
- WV = WATER VALVE
- ⊕ = FIRE HYDRANT
- = YARD DRAIN
- = CURB INLET
- ⊕ = TELEPHONE PEDestal
- ⊕ = ELECTRIC PEDestal
- ⊕ = CABLE PEDestal
- ⊕ = TREE

FLOW DIRECTION

↔ SWALE

— EXISTING GRADE —
— PROPOSED GRADE —

~~~~~ = TREE LINE

○○○○ = INLET PROTECTION

*Chlorine*

SPECIFICATIONS FOR CONSTRUCTION ENTRANCE:

1. STONE SIZE—OOST #2 (1.5-2.5 INCH) STONE SHALL BE USED, OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH—THE CONSTRUCTION ENTRANCE SHALL BE AS LONG AS REQUIRED TO STABILIZE HIGH TRAFFIC AREAS BUT NOT LESS THAN 70 FT. (EXCEPT ON SINGLE RESIDUAL LOT WHERE A 30-FT. MINIMUM LENGTH APPLIES).
3. THICKNESS—THE STONE LAYER SHALL BE AT LEAST 6 IN. THICK FOR LIGHT DUTY ENTRANCES OR AT LEAST 10 INCHES FOR HEAVY DUTY USE.
4. WIDTH—THE ENTRANCE SHALL BE AT LEAST 14 FT. WIDE, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE ADDRESS AND EGRESS OCCURS.
5. GUTTERLINE—A GUTTERLINE SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING STONE. IT SHALL BE COMPOSED OF STRONG ROT-PROOF POLYMERIC GRIDS AND MEET THE FOLLOWING SPECS.

DESCRIPTION: A CONSTRUCTION ENTRANCE IS A STABILIZED PAD OF AGGREGATE OVER A GEOTEXTILE BASE AND IS USED TO REDUCE THE AMOUNT OF MUD TRACKED OFF-SITE WITH CONSTRUCTION TRAFFIC.

CONDITIONS WHERE PRACTICE APPLIES:

- A CONSTRUCTION ENTRANCE SHOULD BE USED:
- WHERE CONSTRUCTION VEHICLES LEAVE ACTIVE CONSTRUCTION AREAS ONTO SURFACES WHERE RUN-OFF IS NOT CHECKED BY SEDIMENT CONTROLS.
- AT ALL POINTS OF ACCESS TO PUBLIC ROADS;
- WHERE FREQUENT VEHICLES AND EQUIPMENT ENTRIES/EXITS ARE EXPECTED SUCH AS AT THE AT THE ENTRANCE OF INDIVIDUAL BUILDING LOTS;

**PLANNING CONSIDERATIONS:**

THIS PRACTICE SHOULD NOT BE RELIED ON TO REMOVE MUD FROM CONSTRUCTION TRAFFIC. MOST MUD IS FLUNG FROM TIRES AS VEHICLES REACH SPEEDS HIGHER THAN IS REACHED ON SITE. THE BEST APPROACH TO PREVENTING OFF-SITE TRACKING IS TO KEEP VEHICLES THAT FREQUENTLY ENTER AND LEAVE A SITE, AWAY FROM MUDDY AREAS IN THE FIRST PLACE. VEHICLES SHOULD BE RESTRICTED TO STABILIZED AREAS TO THE EXTENT PRACTICAL, AND AREAS WHERE FREQUENT INGRESS/EGRESS IS EXPECTED SHOULD BE STABILIZED.

6. MAINTENANCE—TOP COURSE OF ADDITIONAL STONE SHALL BE APPLIED AS CONDITIONS DEMAND.  
HOT SPILLS, DISPERSED, WASHED OR TRACKED INTO PAVING AREAS, OR HOT SURFACE WAXES  
MAY NOT BE USED CHECKED BY REMOVAL CONTROLS. SHALL BE REMOVED IMMEDIATELY. REMOVAL SHALL  
BE ACCOMPLISHED BY SCRAPING OR PULVERIZING.
10. CONTRASTION ENTRANCES SHALL NOT BE RELIED UPON TO REMOVE AND FROM VEHICLES AND PREVENT  
OFF-ROUTE TRACKING. VEHICLES THAT ENTER AND LEAVE THE CONSTRUCTION-SITE SHALL BE RESTRICTED  
FROM MUDDY AREAS.
11. REMOVAL—THE ENTRANCE SHALL REMAIN IN PLACE UNTIL THE DISTURBED AREA IS STABILIZED OR REPLACED

S/L 8  
PP#20-A-022-E-00-008-0  
GRAND DEVELOPMENT COMPANY LLC  
DOC#2005R046076

N87°03'49"E 629.65'

SILT FENCE

| FABRIC PROPERTY                | VALUES                               | TEST METHOD |
|--------------------------------|--------------------------------------|-------------|
| MINIMUM TENSILE STRENGTH       | 120 LBS. (533 N)                     | ASTM D 4639 |
| MAXIMUM ELONGATION AT 60 LBS.  | 50 %                                 | ASTM D 4639 |
| MINIMUM PUNCTURE STRENGTH      | 30 LBS. (220 N)                      | ASTM D 4633 |
| MINIMUM TEAR STRENGTH          | 40 LBS. (180 N)                      | ASTM D 4633 |
| APPARENT OPENING SIZE          | ≈ 0.84 MM                            | ASTM D 4751 |
| MINIMUM PERMEABILITY           | 1X10 <sup>-2</sup> SEC <sup>-1</sup> | ASTM D 4481 |
| UV EXPOSURE STRENGTH RETENTION | 70 %                                 | ASTM G 455  |

**SEPTIC SYSTEM**

- (A) = 2" - 4" PVC @ 1%
- (B) = 2000 GAL SEPTIC TANK  
9' L x 7' W x 4.25' D
- (C) = 2" - 4" PVC
- (D) = 2000 GAL DRIP  
DOSING TANK  
9' L x 7' W x 4.25' D
- (E) = RETURN LINE
- (F) = CONTROL PANEL
- (G) = HYDRAULIC UNIT
- (H) = 1.5" SUPPLY LINE

 48 HOURS  
BEFORE YOU DIG  
Call..800-362-2764  
TOLL FREE  
OHIO UTILITIES PROTECTION SERVICE

S/L 10  
PP#20-A-022-E-00-010-0  
MARKO ZGELA TRUSTEE  
DOC#2005R046076  
130,981 SQ.FT.  
3.0069 ACRES

**BUILDER**  
PERRINO CUSTOM HOMES  
6163 MAYFIELD ROAD  
MAYFIELD HEIGHTS, OHIO  
PH: 440-487-4021

**NOTE:**  
DRIP SYSTEM INSTALLER TO PROVIDE A GRAVITY  
DRAIN OUT OF THE HYDRAULIC UNIT. DRAIN TO  
CONNECT TO HOUSE FOOTER TILE OR DRAIN TO DAYLIGHT.

SOIL TESTING WAS PERFORMED BY FLOYD McCLEARY  
CERTIFICATION # ARCPACS-18357, AOP-1009  
ON APRIL 14, 2011  
(B-1) = SOIL TEST BORING HOLE

**TING UNDERGROUND UTILITIES NOTE:**  
SIZE AND LOCATION, BOTH HORIZONTAL AND VERTICAL,  
THE UNDERGROUND UTILITIES SHOWN HEREON HAVE BEEN  
OBTAINED BY A SEARCH OF AVAILABLE RECORDS. VERIFICATION  
FIELD OBSERVATION HAS BEEN CONDUCTED WHERE PRACTICAL.  
HOWEVER, AZTECH ENGINEERING AND SURVEYING CO., INC. DOES  
NOT GUARANTEE THE COMPLETENESS NOR ACCURACY THEREOF.

REFERENCES:  
CHAPIN LEDGES SUBDIVISION PLAT  
PLAT VOLUME 54, PAGE 8  
  
CHAPIN LEDGES SUBDIVISION IMPROVEMENT PLANS  
BY GUTOSKEY & ASSOCIATES, INC.  
DATED: FEBRUARY, 2006

Approved  
File # KCS412010  
Date 1/19/12  
Lake SWCD

| Date    | Name      |
|---------|-----------|
| 12-7-11 | Daniellal |
| 12-7-11 | Dool      |
| 12-7-11 | Dool      |

S/L 5  
PP#20-A-022-E-00-005-0  
TIMOTHY & HEIDI MURPHY  
DOC#2005R046076  
133,370 SQ.FT.  
3.0618 ACRES

| CURVE TABLE |         |         |         |         |             |           |
|-------------|---------|---------|---------|---------|-------------|-----------|
| CURVE       | LENGTH  | RADIUS  | TANGENT | CHORD   | BEARING     | DELTA     |
| C1          | 188.50' | 430.00' | 85.34'  | 167.42' | N19°23'45"W | 22°27'05" |
| C2          | 217.69' | 405.00' | 111.54' | 215.08' | N15°13'24"W | 30°47'48" |

**EXISTING UNDERGROUND UTILITIES NOTE:**  
THE SIZE AND LOCATION, BOTH HORIZONTAL AND VERTICAL, OF THE UNDERGROUND UTILITIES SHOWN HEREON HAVE BEEN OBTAINED BY A SEARCH OF AVAILABLE RECORDS. VERIFICATION BY FIELD OBSERVATION HAS BEEN CONDUCTED WHERE PRACTICAL. HOWEVER, AZTECH ENGINEERING AND SURVEYING CO., INC. DOES NOT GUARANTEE THE COMPLETENESS NOR ACCURACY THEREOF.