

**Erosion and Sediment Control Schedule**

**General**  
Any sediment-laden groundwater encountered during construction shall be treated prior to discharge.

**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 if there is not already an existing access drive. This drive shall be the only entrance and exit to the site.

**Silt Fence**  
All silt fences 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 thirty (30) 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 on the descriptions and standards of The Ohio Department of Natural Resources Rainwater and Land Development Manual.

The specified erosion and sediment control standards are the 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.

**SWP3 LEGEND**

**PROPOSED CLEARING/DISTURBANCE LIMITS**

**SILT FENCE/EARTH DISTURBING LIMITS**

**INLET PROTECTION**

**AREAS REQUIRING TEMPORARY SEEDING**

**STONE CONSTRUCTION ENTRANCE**

**MISC. BMP (Wash Out/Computer/Conc. Washout/Tire Tanks)**

**PROPOSED CONTOUR**

**EXISTING CONTOUR**

**SWP3 SITE DESCRIPTION:**

CURRENT USE:	WOODS/VACANT LOT
CONSTRUCTION ACTIVITY:	RESIDENTIAL HOME
TOTAL SITE AREA:	1.607 AC.
DISTURBANCE AREA:	0.785 ACRES
PRE-DEVELOPMENT PERVIOUS AREA:	1.607 ACRES (100%)
PRE-DEVELOPMENT IMPERVIOUS AREA:	0 ACRES (0%)
POST-DEVELOPMENT PERVIOUS AREA:	79
POST-DEVELOPMENT IMPERVIOUS AREA:	1,420 ACRES (82%)
FIRST RECEIVING WATER BODY:	0.187 ACRES (SR)
SUBSEQUENT RECEIVING WATER BODY:	80.2
PREDOMINANT SOIL GROUP:	UNNAMED TRIBUTARY CHAGRIN RIVER
WATER RESOURCES WITHIN 200':	Dorfen Fine Loam (Dsb)
	NO

**LEGEND**

	Clean Out		Guy Wire
	Catch Basin		Power Pole
	Curb Inlet		Light Power Pole
	Yard Drain		Light Pole
	Manhole		Traffic Signal Pole
	Sanitary Manhole		Traffic Signal Box
	Storm Manhole		Electrical Box
	Storm Inlet MH		Telephone (SAC) Box
	Water Valve		Tree
	Water Meter		Pine Tree
	Fire Hydrant		Bush
	Well		Yard Light
	Gas Valve		Gasline Marker
	Gas Meter		Power Transformer
	Mailbox		SCB
	Guard Post		SH
	Sign		

**OVERALL CONCORD RIDGE SUBDIVISION LANDS ARE CURRENTLY KNOWN AS PPN: 08-A-002-0-00-010-0**

**House Grading Summary**

Elevations Used to Establish House Floor Grades:  
 -Gar Ftr +11"=TopWall  
 -TopWall+13"=Frat Ftr  
 -TopWall+8"=TopFtr (13 Course Bsmt Wall)  
 -TopFtr+4"=0.33"=Bsmt Flr

**2 WORKING DAYS BEFORE YOU DIG**  
 CALL 8-1-1  
 OHIO UTILITIES PROTECTION SERVICE  
 NON-MEMBERS MUST BE CALLED DIRECT

**TOPOGRAPHIC CERTIFICATION:**

I, the undersigned, hereby certify that the topography, indicated by 1' contours, and elevations shown hereon, represent an actual field survey made by me on the 14th day of November, 2014, and that the elevations were taken at appropriate intervals and that as of that date they existed as indicated hereon. Vertical datum is based on NAVD83.

**RICHARD A. THOMPSON JR.**  
 7388  
 REGISTERED PROFESSIONAL SURVEYOR

*Richard A. Thompson Jr.*  
 RICHARD A. THOMPSON, JR., P.S. #7388

**PERMANENT SEEDING SPECIFICATIONS**

Seed Mix	lb./ac.	lb. / 1000sqft	Notes:
<b>General Use</b>			
Cresting Red Fescue	20-40	1/2-1	
Domestic Ryegrass	10-20	1/4-1/2	
Kentucky Bluegrass	10-20	1/4-1/2	
Tall Fescue	40	1	
Dwarf Fescue	40	1	
<b>Steep Banks or Cut Slopes</b>			
Tall Fescue	40	1	
Crown Vetch	10	1/4	Do not seed later than August.
Tall Fescue	20	1/2	Do not seed later than August.
Tall Fescue	20	1/2	
<b>Road Ditches and Swales</b>			
Tall Fescue	40	1	
Dwarf Fescue	80	2 1/4	
Kentucky Bluegrass	5		
<b>Lawns</b>			
Kentucky Bluegrass	60	1 1/2	
Perennial Ryegrass	60	1 1/2	
Kentucky Bluegrass	60	1 1/2	For shaded areas:
Cresting Red Fescue	60	1 1/2	

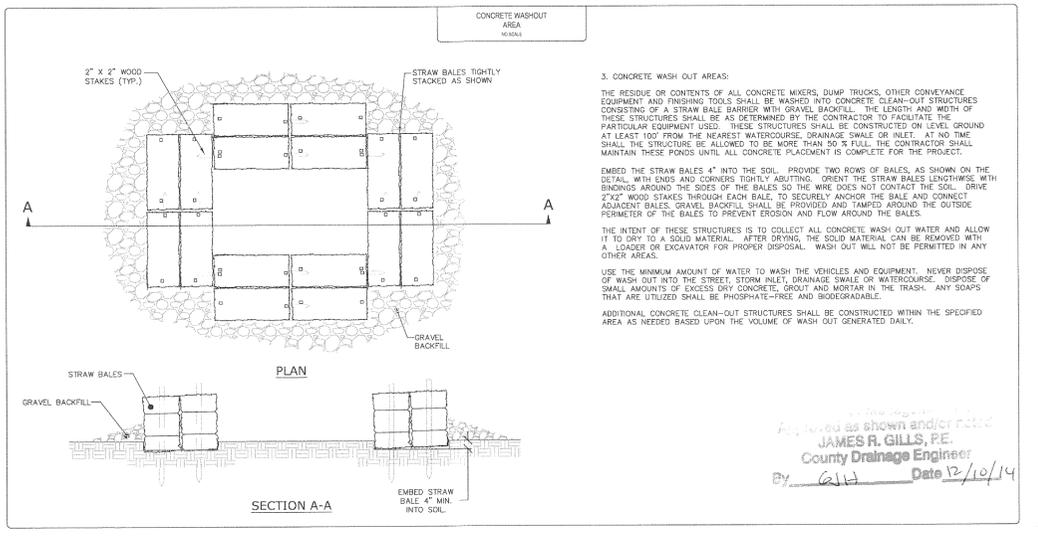
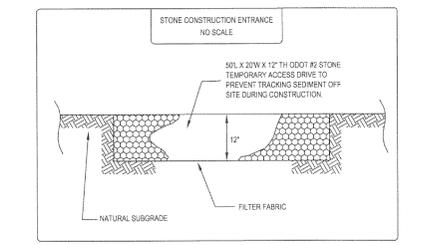
Note: other approved seed species may be substituted.

**Mulching**  
 Straw mulch shall be unrolled small-grain straw applied at the rate of 2 tons/ac. or 80 lb./1,000 sq. ft. (two to three bales). The mulch shall be spread uniformly by hand or mechanically so the soil surface is covered. For uniform distribution of hand-spread mulch, divide area into approximately 1,000 sq. ft. sections and spread two 45-lb. bales of straw in each section.

**Temporary Seeding Specifications**

Seeding Dates	Species	Lb. / 1000sqft	Per Acre
March 1 to August 15	Date	3	4 bushel
	Tall Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.
	Perennial Ryegrass	1	40 lb.
August 16 to November 1	Rye	1	2 bushel
	Tall Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.
	Perennial Ryegrass	1	40 lb.
November 1 to Spring Seeding	Tall Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.
	Use mulch only, sodding practices or dormant seeding		

Note: other approved seed species may be substituted.

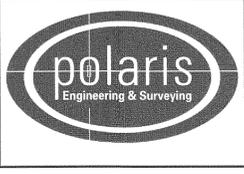


REV. No.	DATE	BY	CHK'D

**STATE OF OHIO**  
 REGISTERED PROFESSIONAL ENGINEER  
 DUSTIN R. KEENEY  
 E-65515

DATE: 11/18/14  
 SCALE: HOR. 1"=20'  
 VERT. 1"=4'  
 FOLDER: DWG/Site Plan  
 FILENAME: SL\_37 Site Plan  
 TAB: Site Plan  
 DRAWN: DRW

**S/L 37**  
**CONCORD RIDGE SUBDIVISION**  
**PHASE 2**  
 TOWNSHIP OF CONCORD - LAKE COUNTY - OHIO



**POLARIS ENGINEERING & SURVEYING, INC.**  
 34600 CHARDON ROAD - SUITE D  
 WILLOUGHBY HILLS, OHIO 44094  
 (440) 944-4433 (440) 944-3722 (Fax)  
 www.polaris-es.com

**SITE PLAN**

CONTRACT No. 13048

SHEET	OF
1	1