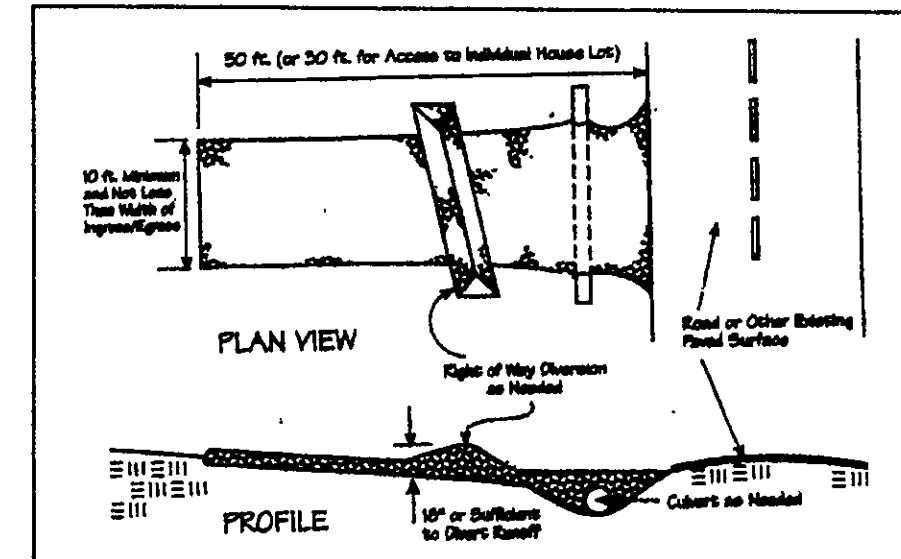
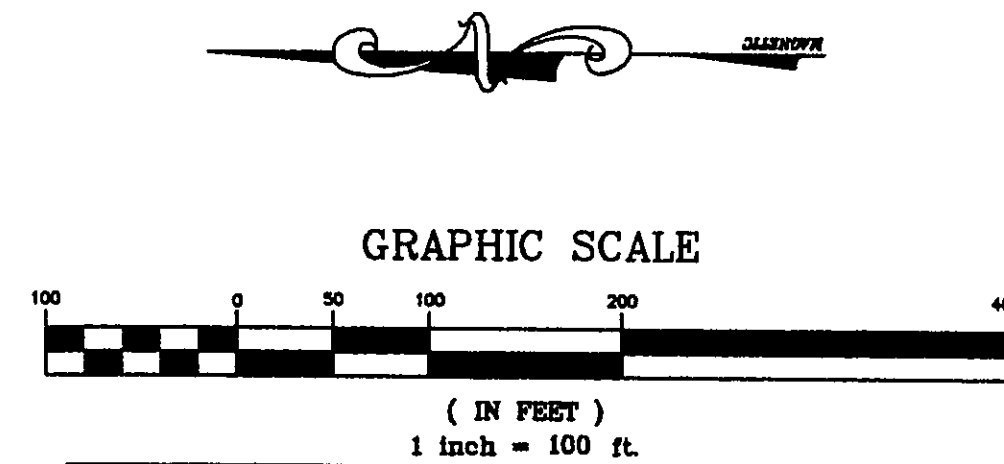
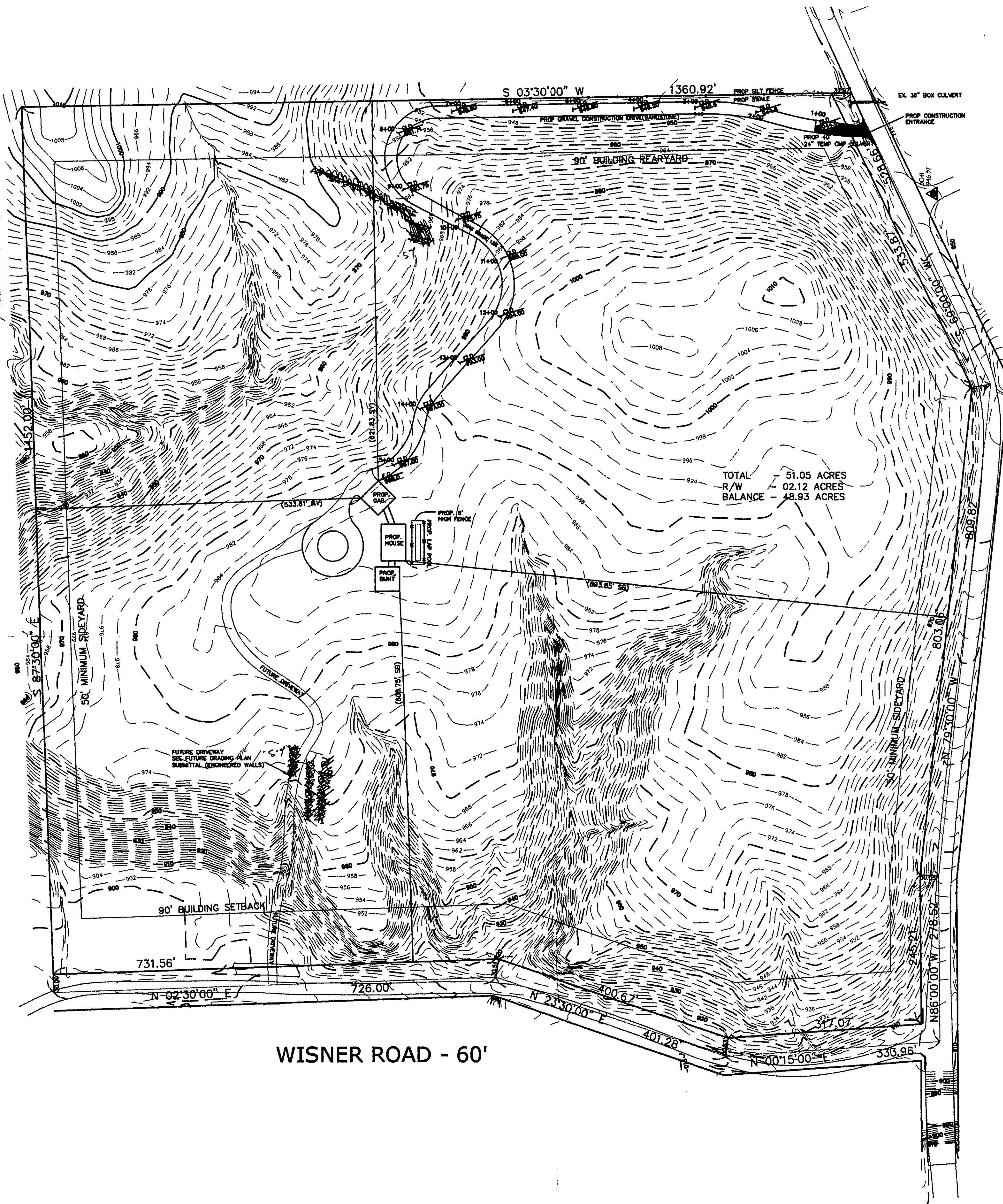
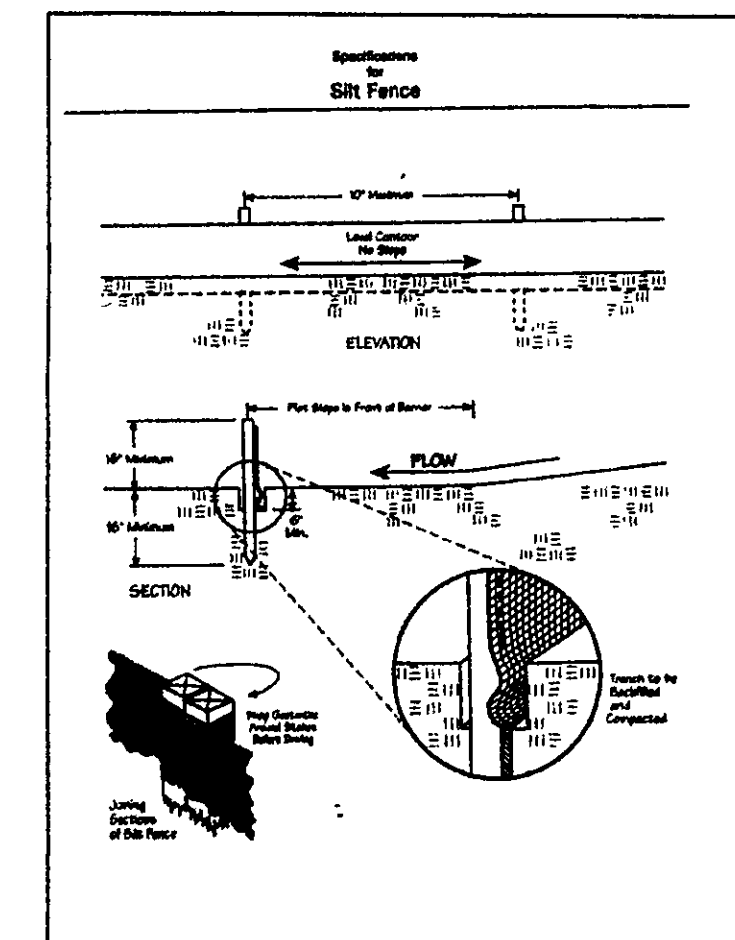


Stormwater Management Plan
Submitted as shown
JAMES R. GIL
County Engineer
Date 6/14/07

- NOTES:
1. CONSTRUCTION DRIVE PROPOSED GRADING WILL FOLLOW EXISTING CONTOURS. TOPSOIL TO BE STRIPPED OFF AND GRAVEL TO BE INSTALLED TO GRADE.
 2. IF DRIVEWAY IS TO BE INSTALLED PERMANENT BASIS SWALES NEED TO BE DEVELOPED TO DRAIN LOW AREAS
 3. IF DRIVEWAY INSTALLED AT PERMANENT BASIS CULVERT TO BE RESIZED FOR ADEQUATE USE TO CITY OF KIRTLAND STANDARDS



Temporary Seeding Species Selection			
Seeding Dates	Species	Lb./1,000 ft. ²	Per Ac.
March 1 to August 15	Orchard Grass	3	4 bushel
	Tall Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.
	Perennial Ryegrass	1	40 lb.
	Tall Fescue	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.
November 1 to Spring Seeding	Perennial Ryegrass	1	40 lb.
	Tall Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.



Erosion and Sediment Control Schedule

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. This drive shall be the only entrance and exit to the site.

Silt Fence
A 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 FIFTEEN(15) days shall be properly seeded and straw mulched within seven(7) days of completion of initial grading. Temporary seeding and mulching as 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 to 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.

REV NO.	DESCRIPTION	DATE	BY	CHK'D

bj BABCOCK, JONES AND ASSOCIATES, INC
CIVIL ENGINEERS - SURVEYORS - LAND PLANNERS
PAINESVILLE OHIO 44077

DATE	MAY 2007
DESIGN BY	H.J.
DRAWN BY	J.D.
APPROVED BY	H.J.

PROPOSED TEMPORARY DRIVE FOR MURCH SMITH RESIDENCE			SCALE 1"=100'
CITY OF KIRTLAND COUNTY OF LAKE STATE OF OHIO			JOB NO 02-047
			SHEET 3 OF 4