SITE PLAN
for
S/L 15 BLUEBERRY HILL

PPN: 20-A-026-D-00-015

Situated in the

CITY OF KIRTLAND
COUNTY OF LAKE - STATE OF OHIO

Being all of S/L 15 and part of Parcel "B" in Blueberry Hill Estates Subdivision, Part of Original Kirtland Township Lots 89, 103 and 104, Tract 3 as recorded in Volume 34, Page 8 of Lake County Records.

by

McSTEEN & ASSOCIATES, INC.
ENGINEERS & SURVEYORS
1415 East 286th Street
Wickliffe, Ohio 44092
(440) 585-9800

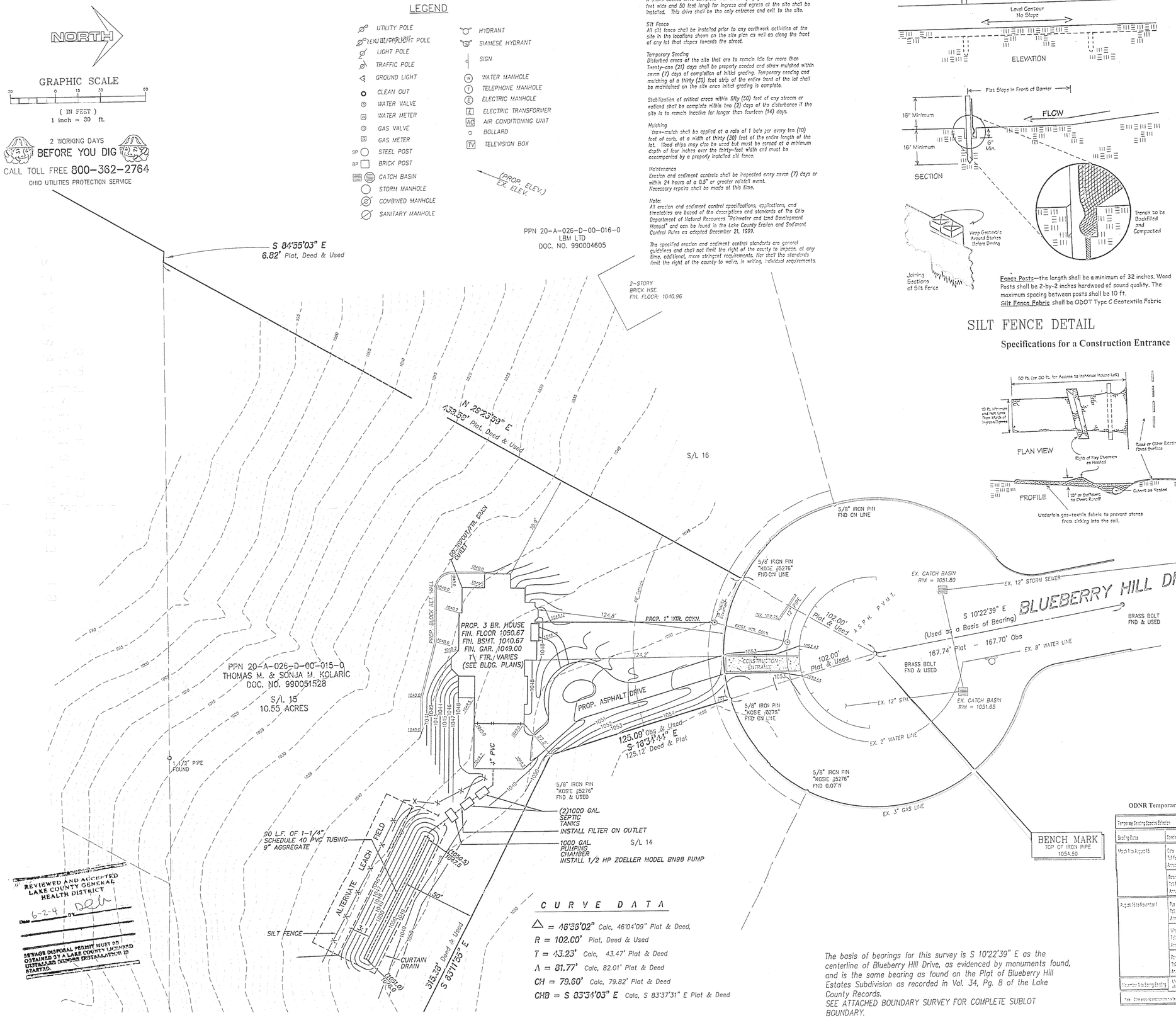
Bearings shown hereon are to an assumed meridian and are used to denote angles only. Distances are given in feet and decimal parts thereof. All iron pins shown as set are 30" long 1/2" rebar with an identification cap stamped "McSteen & Assoc".

I, the undersigned hereby certify that this topography indicated by 1' contours, and elevations shown hereon represent an actual field survey made by me on the 20th day of April, 2004 and that the elevations were taken at appropriate intervals and that as of that date they existed as indicated hereon.

6-1-04

TIMOTHY J. FELLER REG. PROF. SURV. No. 7104

Job No.: 04-091
Field Date: 4-20-2004
Survey Date: 4-22-2004
Latest Revision Date: 5-11-04
Previous Reference Job No.:



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
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.

Temporary Seeding
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.

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 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.

C U R V E D A T A

Δ = 46°56'02" Calc, 46°04'09" Plat & Deed,
R = 102.00' Plat, Deed & Used
T = 43.23' Calc, 43.47' Plat & Deed
A = 81.77' Calc, 82.01' Plat & Deed
CH = 79.60' Calc, 79.82' Plat & Deed
CHB = S 83°34'03" E Calc, S 83°37'31" E Plat & Deed

The basis of bearings for this survey is S 10°22'39" E as the centerline of Blueberry Hill Drive, as evidenced by monuments found, and is the same bearing as found on the Plat of Blueberry Hill Estates Subdivision as recorded in Vol. 34, Pg. 8 of the Lake County Records.
SEE ATTACHED BOUNDARY SURVEY FOR COMPLETE SUBLOT BOUNDARY.

Fence Posts—the length shall be a minimum of 32 inches. Wood Posts shall be 2-by-2 inches hardwood of sound quality. The maximum spacing between posts shall be 10 ft.
Silt Fence Fabric shall be ODOT Type C Geotextile Fabric

SILT FENCE DETAIL

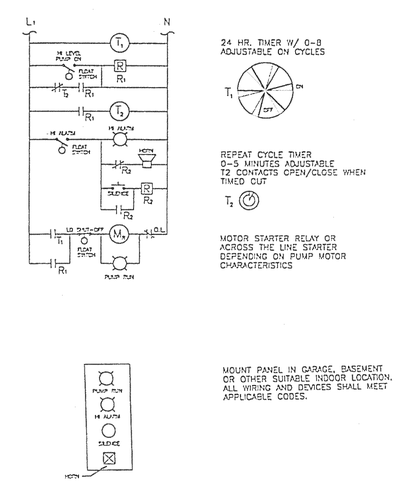
Specifications for a Construction Entrance

UTILITY NOTE: The utility and sewer information shown hereon either on or above ground was physically located in the field and is accurate. All underground information shown was taken from plans provided by their respective utility companies and received by the date April 26, 2004, and we cannot guarantee their accuracy or completeness. If and when we receive any additional utility or sewer plans, we will revise our survey and issue new prints accordingly.

Location and elevation of all connections to existing utilities are to be field verified at the time of construction.

ODNR Temporary Seeding Specifications

Temporary Seeding Species Selection			
Seeding Dates	Species	Lb./1,000 sq.ft.	Per Ac.
March 1 to August 15	Oats	3	4 bu/ac
	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 bu/ac
	Tall Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.
	Wheat	3	2 bu/ac
	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 2 to Spring Seeding	Use heavy straw mulch & dormant seed (rye, wheat, oats, no permanent seeding		
Note: Other approved species may be substituted			



MOUNT PANEL IN GARAGE, BASEMENT OR OTHER SUITABLE INDOOR LOCATION. ALL WIRING AND DEVICES SHALL MEET APPLICABLE CODES.

PUMP CONTROL PANEL

SHEET 1 OF 2