

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.

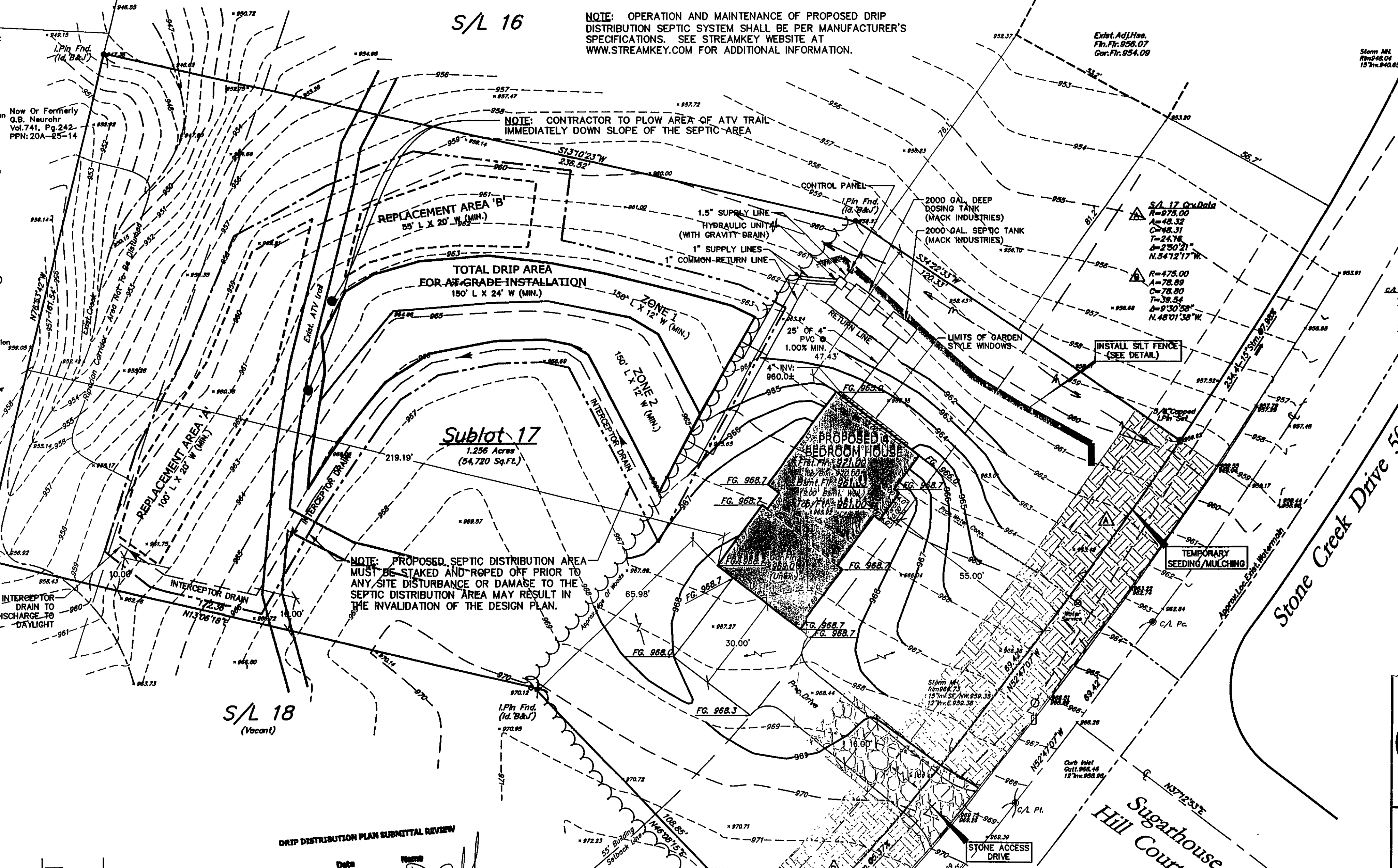
Stabilization of critical areas within fifty (50) feet of any stream or wetland shall be complete within two (2) days of the disturbance. If the site is to remain inactive for longer than fourteen (14) days.

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 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, 1999.

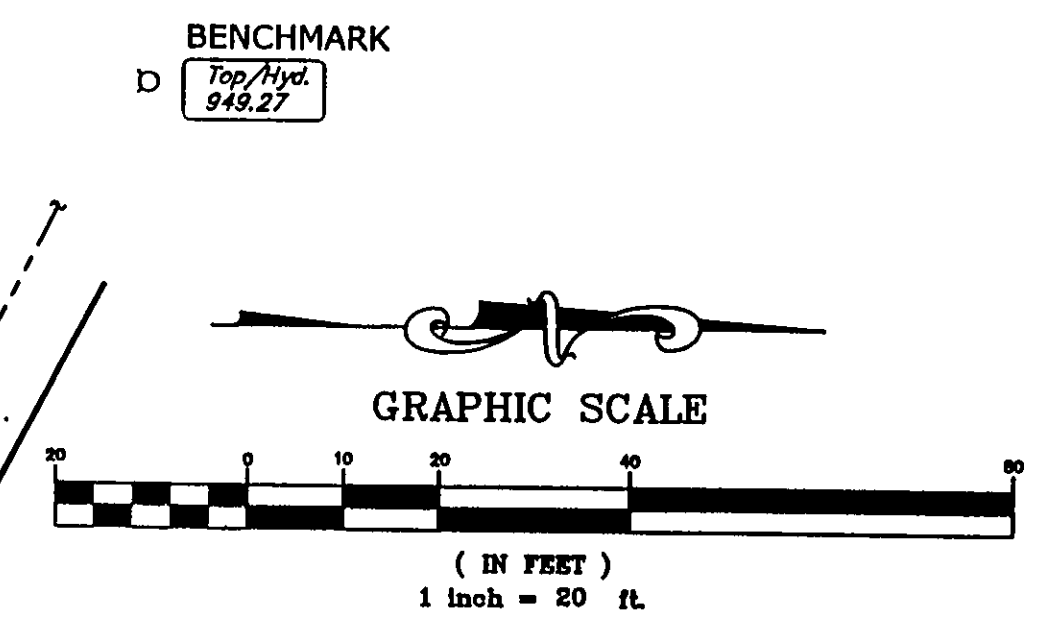
The specified erosion and sediment control standards are the general guidelines and shall not limit the right of the county to impose, at any time, additional, more stringent requirements. Nor shall the standards limit the right of the county to waive, in writing, individual requirements.



NOTE: OPERATION AND MAINTENANCE OF PROPOSED DRIP DISTRIBUTION SEPTIC SYSTEM SHALL BE PER MANUFACTURER'S SPECIFICATIONS. SEE STREAMKEY WEBSITE AT WWW.STREAMKEY.COM FOR ADDITIONAL INFORMATION.

S/L 16

S/L 18 (Vacant)



House Grading Summary

Key:
Gar.Fir.=Garage Floor Elevation At Garage Door
Top.Wall=Top Of Wall Elevation
Frl.Fir.=First Floor Elevation
Bsm.Fir.=Basement Floor Elevation
Top.Fir.=Top Of Footer Elevation

Elevations Used To Establish House Floor Grader:
-Gar.Fir.+1'0"=Top/Wall
-Top/Wall+1'0"=Frl.Fir.
-Top/Wall-0'0"=Top.Fir.
-Top.Fir.+4'(0.33)=Bsm.Fir.

House Summary
3 Car, Side Entry, Left Hand With Full Basement
-See Architect Plans For Complete House Dimensions.
-Utility Connections Per Plan; Contractor To Verify Location And Depth Of All Laterals.

NOTE: HOUSE DOWNSPOUTS TO OUTLET TO SPLASH BLOCKS. FOOTER TILE (SUMP PUMP) TO OUTLET TO SPLASH BLOCKS.

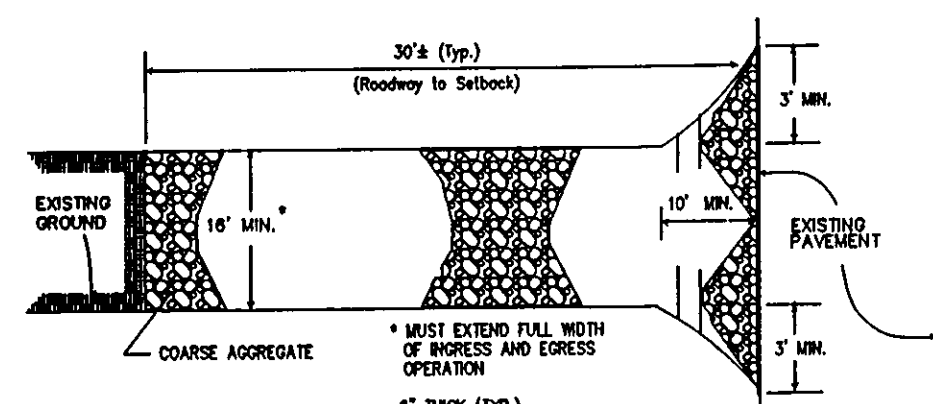
-FINAL LOCATION OF DOWNSPOUTS TO BE VERIFIED WITH ARCHITECTURAL PLANS.

ESTIMATED IMPERVIOUS AREA
HOUSE: 0.05 Ac.
DRIVE: 0.04 Ac.
TOTAL: 0.09 Ac.

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS TOPOGRAPHY, INDICATED BY 6", 1", OR 2" CONTOURS, AND ELEVATIONS SHOWN HEREON, REPRESENT AN ACTUAL FIELD SURVEY MADE BY ME ON THE 13th DAY OF JUNE, 2006, AND THAT THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND THAT AS OF THAT DATE, THEY EXISTED AS INDICATED HEREON.

Dustin R. Keeney
Dustin R. Keeney, P.E. 65518

Site & Grade Hse. G.S.V.



STONE CONSTRUCTION ENTRANCE

NO SCALE

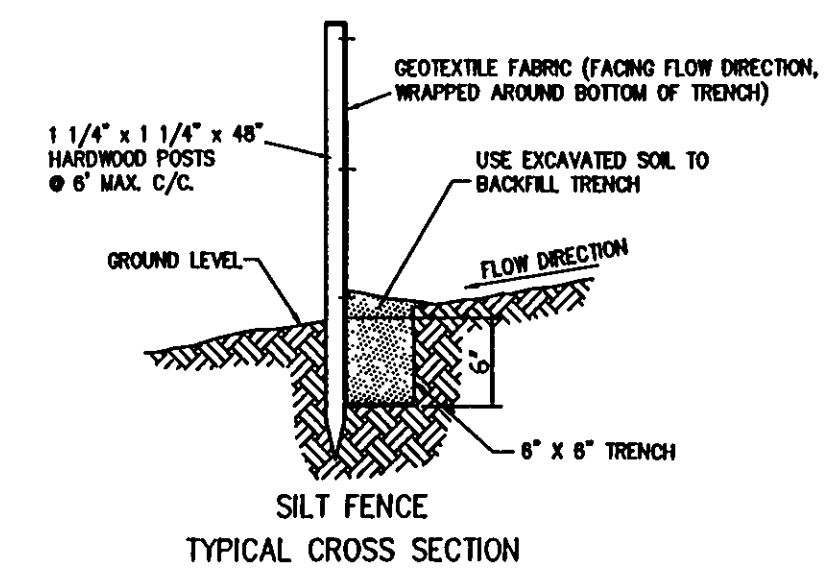
Temporary Seeding Specifications

Seeding Dates	Species	Lb. / 1000sqft	Per Acre
March 1 to August 15	Oats	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.
	Wheat	1	40 lb.
November 1 to Spring Seeding	Tall Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.
	Perennial Ryegrass	1	40 lb.
	Wheat	1	40 lb.

Note: other approved seed species may be substituted.

DRIP DISTRIBUTION PLAN SUBMITTAL REVIEW

Date: 5/24/07
Name: Dell Ball
Drip distribution area has been field verified and protected with marking tape
Plans submitted to LOGND and meet design criteria
Hydraulic calculations verified and accurate



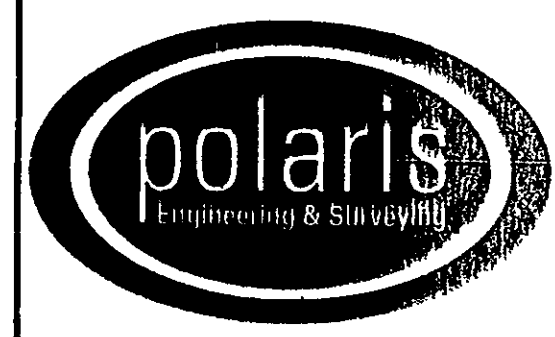
TYPICAL CROSS SECTION

2 WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE
NON-MEMBERS MUST BE CALLED DIRECT

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, POLARIS ENGINEERING & SURVEYING, INC. DOES NOT GUARANTEE THE COMPLETENESS NOR ACCURACY THEREOF.

NOTE: THIS SURVEY SUBJECT TO CHANGE UPON RECEIPT OF ANY ADDITIONAL AVAILABLE UNDERGROUND UTILITY INFORMATION.

EROSION CONTROL TIMETABLE		September 22, 2003
ACCEPTABLE EROSION CONTROL TIMETABLE		
NO. OF DAYS	1	2
NO. OF DAYS	3	4
NO. OF DAYS	5	6
NO. OF DAYS	7	8
NO. OF DAYS	9	10
NO. OF DAYS	11	12
NO. OF DAYS	13	14
NO. OF DAYS	15	16
NO. OF DAYS	17	18
NO. OF DAYS	19	20
NO. OF DAYS	21	22
NO. OF DAYS	23	24
NO. OF DAYS	25	26
NO. OF DAYS	27	28
NO. OF DAYS	29	30
NO. OF DAYS	31	32
NO. OF DAYS	33	34
NO. OF DAYS	35	36
NO. OF DAYS	37	38
NO. OF DAYS	39	40
NO. OF DAYS	41	42
NO. OF DAYS	43	44
NO. OF DAYS	45	46
NO. OF DAYS	47	48
NO. OF DAYS	49	50
NO. OF DAYS	51	52
NO. OF DAYS	53	54
NO. OF DAYS	55	56
NO. OF DAYS	57	58
NO. OF DAYS	59	60
NO. OF DAYS	61	62
NO. OF DAYS	63	64
NO. OF DAYS	65	66
NO. OF DAYS	67	68
NO. OF DAYS	69	70
NO. OF DAYS	71	72
NO. OF DAYS	73	74
NO. OF DAYS	75	76
NO. OF DAYS	77	78
NO. OF DAYS	79	80
NO. OF DAYS	81	82
NO. OF DAYS	83	84
NO. OF DAYS	85	86
NO. OF DAYS	87	88
NO. OF DAYS	89	90
NO. OF DAYS	91	92
NO. OF DAYS	93	94
NO. OF DAYS	95	96
NO. OF DAYS	97	98
NO. OF DAYS	99	100



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www.polaris-es.com

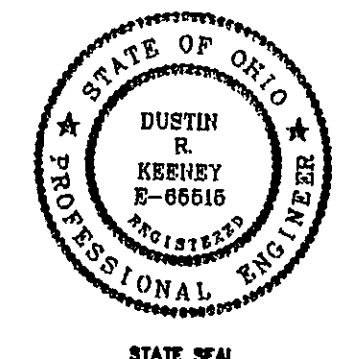
DESIGN CERTIFICATION

THIS PLAN WAS PREPARED BY ME, AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

NAME: *Dustin R. Keeney* DATE: 5/18/07

BENCHMARK:

B.M. = T.B.M Set On Top Of Hydrant
Located As Noted
Elevation 949.27



"AS-BUILT" CERTIFICATION

I HEREBY CERTIFY THAT THE CIRCLED INFORMATION IS EXISTING AS OBTAINED ON THE SITE AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

NAME: _____ DATE: _____

SUBLOT 17
Reserve At Stone Creek
Vol.50-31-2
City of Kirtland - Lake County - Ohio

CONTRACT No.
06103
DATE: 5/18/07
SCALE: HOR. 1"=20'
VERT. 1"=5'
FILENAME: subplot17.dwg

Streamwater Management
Approved as shown by
JAMES H. GILES
County Drainage Engineer
By: *J. S.* Date: 5/2/07

Sc 17 Sher Ridge