### Abbreviated Site Plan - Erosion and Sediment Control Notes (Individual Homesites) (5-13-05)

### 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

### 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.

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.

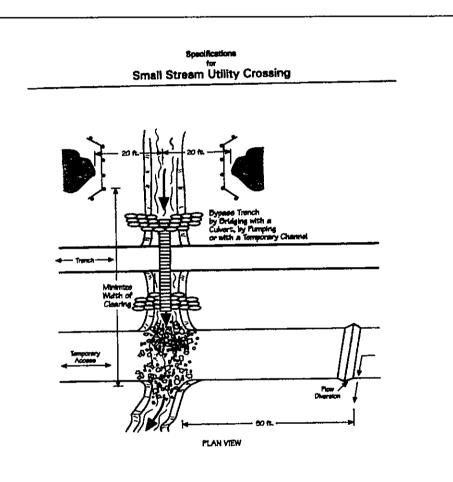
Straw-mulch shall be applied at a rate of 1 bale per every ten (10) feet of curb, at a width of thirty (30) feet of the entire length of the lot. Wood chips may also be used but must be spread at a minimum depth of four inches over the thirty-foot width and must be accompanied by a properly installed silt fence.

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.

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



UTELTY CROSSING - PAGE 149

7. Fill Placed Within the Channel-The only fill

Streembenk Restorations—Streembenks shall be restored to their original line and grade and stabilized with riprap or vegetative bank stabilization.

prevent sediment-leden runoff from flowing to the streem, runoff shall be diverted with

water her or swales to a sediment truppin

10. Dewatering or pumping water containing sediment shall not be discharge directly to a stream. The flow shall be routed through

a settling pond, develoring sump or a flat, well-vegetated area adequate for removing

Dewetering operations shall not cause significant reductions in stream temperatures. If groundwater is to be discharged in high volumes during summer months, it shall first be routed through a:

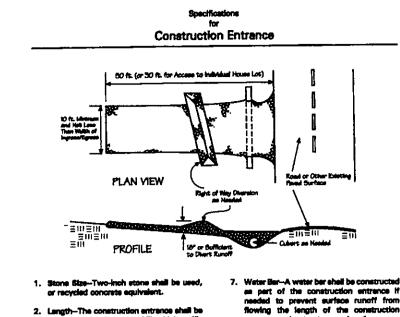
# Stream Utility Crossing

- When site conditions allow, one of the following shall be used to divert stream tow or otherwise keep the flow eway from construction activity.
   Drill or bore the utility lines under the
- 7. Fill Placed Within the Chennel—The only fill permitted in the chennel should be cleen aggregate, stone or rock. No soil or other fine erodible meterial shell be placed in the chennel. This restriction includes all fill for temporary crossings, diversions, and trench becicill when placed in flowing water. If the streem flow is diversed away from contemporary training and contemporary for a property of principally. Construct a cofferdam or berricede of sheet pilings, sandbags or a turbidity curtain to keep the stream from continually flowing through the disturbed erese. Turbidity curtains shall be a pre-essembled system and used only parallel to flow. construction activity the meterial originally excessated from the trench may be used to backfill the trench.
- Stage construction by confining first one-half of the channel until work there is completed and stabilized, then move to the other side to complete the
- 9. Runoff Control Along the Right-of-Wayrouns the stream now around the work area by bridging the trench with a rigid outvert, pumping, or constructing a temporary channel. Temporary channels shall be etablibed by rook or a geotectile completely lining the channel bottom and side slopes.
- 2. Crossing Width-The width of clearing shall be minimized through the riperten area. The limits of disturbence shell be as nerrow as possible including not only construction operations within the channel itself but also
- clearing done through the vegetation growing on the streembanks.
- Clearing shall be done by cutting NOT grubbing. The roots and stumps shall be left in place to help stabilize the banks and
- To the extent other constraints allow, stream shall be crossed during periods of low flow. Duration of Construction—The time between initial disturbance of the stream and final stabilization shall be kept to a minimum.

Construction shall not begin on the crossle until the utility line is in place to within '

- Permits—In addition to these specifications, stream crossings shall conform to the rules and regulations of the 11 stream Come of Engineers for in-etream

UTILITY CROSSING - PAGE 150



an long as required to stabilize high treffic areas but not less than 50 ft. (except or

Maintenance—Top dressing of additional atoms shall be applied as conditions demand. Mud spilled, dropped, weeked or tracked onto public roads, or any surface where runoff is not checked by sediment controls, shall be removed immediately. Removal shall be accomplished by scraping 4. Width-The entrance shall be at least 10 ft wide, but not less than the full width at points where ingress or egress occurs. c. Construction entrances shell not be relied upon to remove mud from vehicles and prevent off-sits tracking. Vehicles that enter and leave the construction-sits shell be restricted from muddy areas. Bedding—A geotextile shall be placed over the entire area prior to placing stone. It shall have a Grab Tenelle Strength of at least 200 lb, and a Mullen Burst Strength of at least 200 lb.

CONSTRUCTION ENTRANCE - PG 158

Culvert—A pipe or outvert shall be constructed under the entrance if needed to prevent surface water flowing screes the entrance from being directed out onto peved surfaces.

Stormwater Management Plan

Approved as shown and/or noted

JAMES R. GILLS, P.E.

County Drainage Engineer

By <u>AH</u> Date 02/19/09

CONCORD TOWNSHIP ZONING Common

Lako Co. Engineer/Storm Water Mgmt.

Subject to Approval By:

Lake Co. Utilities Dept.

Lake Co. Faalth District Lake Co. Lidling Dept

☑ Lake Co. Soil + Water District

Stipul on the condition FEMA

revising legal description for flood plain.

Specifications for Silt Fence

SILT FINCE - PAGE 120

Temporary Seeding Species Selection "Lb./1,000 ft.2" Per Ac. March 1 to August 15 4 bushel 40 lb. Perennial Ryegrass Tall Feecue 40 lb. Annual Ryegrass August 16 to November 1 2 bushel Rye Tall Fescue 40 lb. Annual Ryegrass Tall Fescue 40 lb. Annual Ryegrass Perennial Ryegras Tall Feecue Annual Ryegrass November 1 to Spring Seeding

"Use mulch only, sodding practices or dormant seeding."

-See Architect Plans For Complete House Dimensions. 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 10th DAY OF December2007 AND THAT THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND THAT AS OF THAT DATE THEY EXISTED AS Note: Other approved seed species may be substituted. **TEMPORARY** SEEDING SPECIFICATIONS ( SHEET 1 OF 2 ) JULY 24, 2006 Calculated Flood Boundary Line LOMA (etter of map amendm #04-05-2079A Dated: 1-31-04 100 Year Flood Bernt.Fir 866.74 57,090 sq. ft. 1.3106 acres PIN: 05-A-004-0-00-029-0 DALE NEWMAN DOCUMENT VOL 45-26 54,859 sq. ft. 1.2594 acres PIN: 08-A-004-0-00-030-0 11695 JAMIE DR FALVEY DENNIS M & JULIE K ACREAGE. 1 259 DOCUMENT: 2007R011466

-Downspouts\to be Outlet onto Splash Blocks

Proposed House Fin. Floor 861 63 Bernit Fir: 852 50 (13 Course) Top Fir: 852.17 installing condults and restoration of be done within 7 days of excavation. R=30 00' L=47 12' Del =90'00'00' C=42 43' N55\*19\*19\*W Ex. San MH Rim 865.59 Inv W 844 32

-Install separate conduits for ELECTRIC, CABLE & TELEPHONE. Drill Hole in Pvmt at Drive N 79°40'41" E

NOTE: THE CONTRACTOR/BUILDER SHALL NOTIFY
THE APPROVING ENGINEER IF GROUNDWATER
IS OBSERVED DURING THE EXCAVATION OF

THE BASEMENT. -Contractor To Verify Depth And Location Of Utility Connections;

SITE PLAN

Dale Newman

Noble Ridge Estates No.1

SUBDIVISION NAME

Concord Twp.

CITY/TOWNSHIP

19 Tanners Farm Dr. Painesville

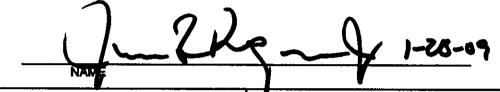
STREET

ADDRESS

ENGINEERS · PLANNERS · SURVEYORS 8585 East Avenue Mentor, Ohio 44080 TEL: (440) 255-8463 (440) 951-LAND (440) 354-6938 FAX: (440) 255-9575

### **DESIGN CERTIFICATION**

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



### **CHECK LIST**

LOT DIMENSIONS & BEARINGS
THE TO NEAREST STREET
SUBLOT NO. (PARCEL NO.)
SURROUNDING OWNERS
BUILDING DIMENSIONS
SETBACK, SIDEVARD, REARYARD
FINISHED GRADES
DRIVE & APRON TYPE, WIDTH, THICKNESS
BIDEWALK TYPE, WIDTH, THICKNESS
CULVERT TYPE, DIAM., LENGTH
WATER MAIN SIZE, LOCATION
SAN. SEWER SIZE, % GRADE, LOC.
SAN. MH. CAST. ELEV., INV. ELEV.
SAN. CONN. SIZE, S' GRADE, LOC
STORM MH. CAST. ELEV., INV. ELEV.
PAYT TYPE, GRADE, CURBS
GAB LINE LOC., SIZE
SEPTIC SYSTEM & DUPLICATION
WELL LOCATION & ISOLATION RADIUS

PEGORARO.

STATE SEAL

45 26

VOL. PAGE

# "AS BUILT" CERTIFICATION

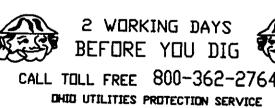
I HEREBY CERTIFY THAT THE CIRCLED INFORMATION IS EXISTING AS OBTAINED ON THE SITE AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

**DRAWN BY** SCALE **LEGEND** 1"=30" CHK'D BY/FIELD DATE Dec. 2008 EXIST. ELEV. 100.0 F.G.100.0 = PROP. ELEV.

Revised Grades 1/16/09 DIRECTION OF SURFACE DRAINAGE Utility trench 1/27/09

# **BENCHMARK:**

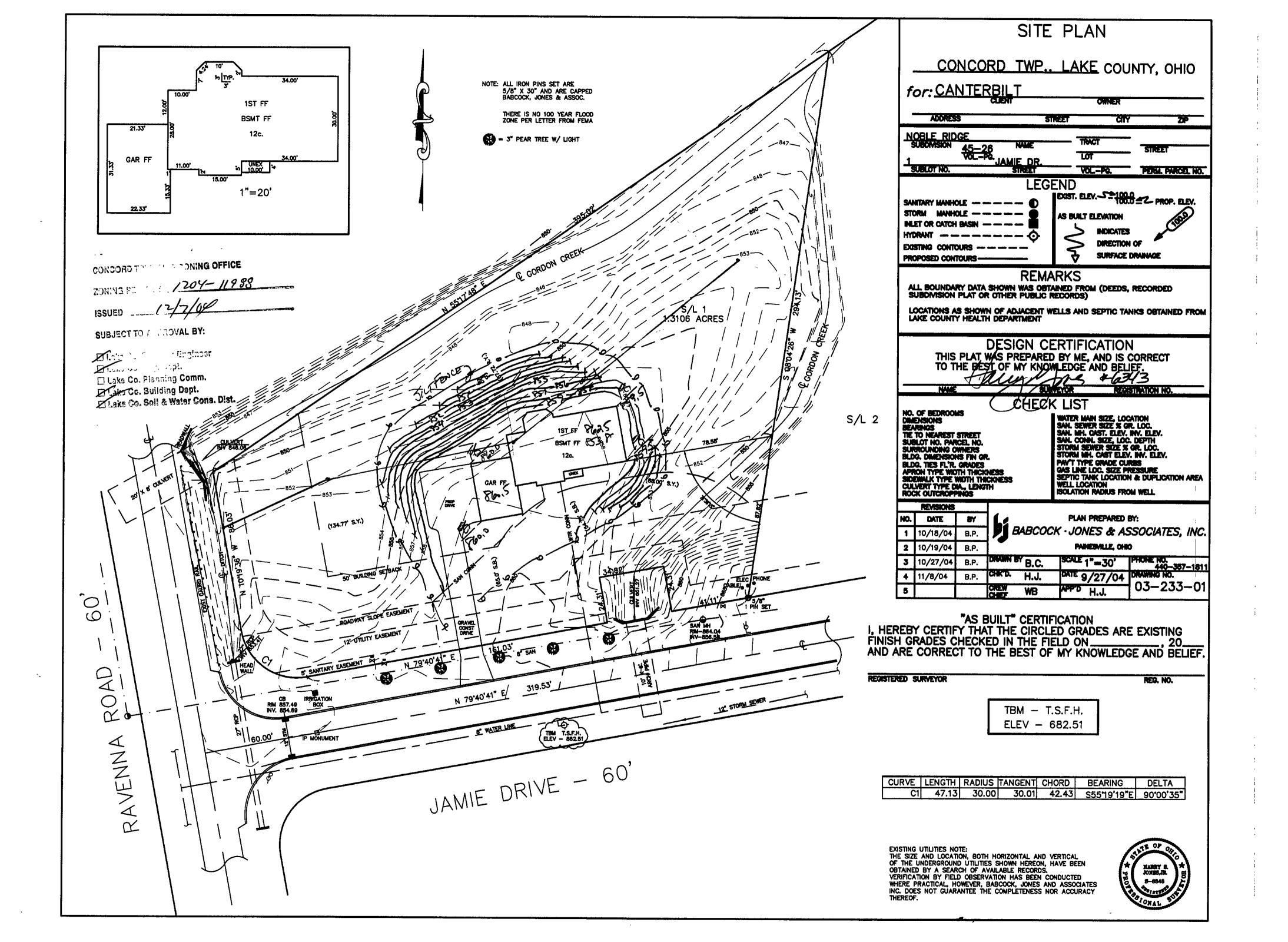
TBM: Drill Hole in Pavement as shown Elevation=870.57

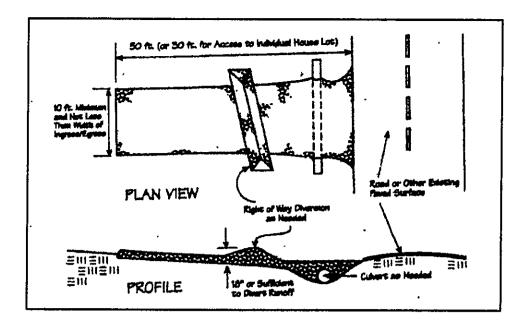


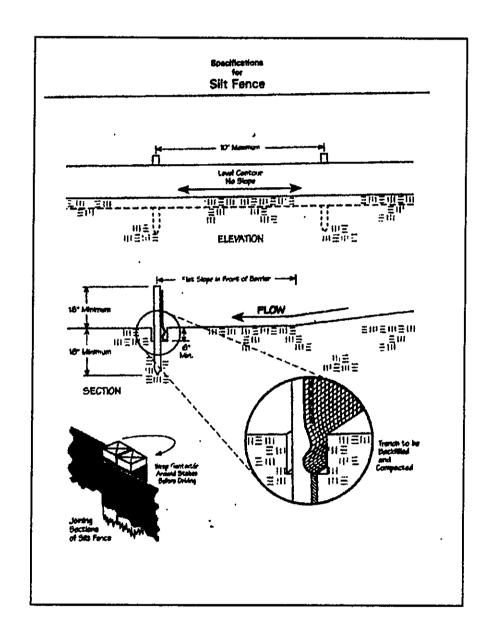
EXISTING UNDERGROUND UTILITIES NOTE: THE SIZE & LOCATION, BOTH HORIZONTAL AND VERTICAL. OF THE UNDERGROUND UTILITIES SHOWN HEREON, HAVE BEEN OBTAINED BY A SEARCH OF AVAILABLE RECORDS. VERIFICATION BY FIELD OBSERVATION HAS BEEN CONDUCTED WHERE PRACTICAL. HOWEVER, LDC INC. DOES NOT GUARANTEE THE COMPLETENESS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

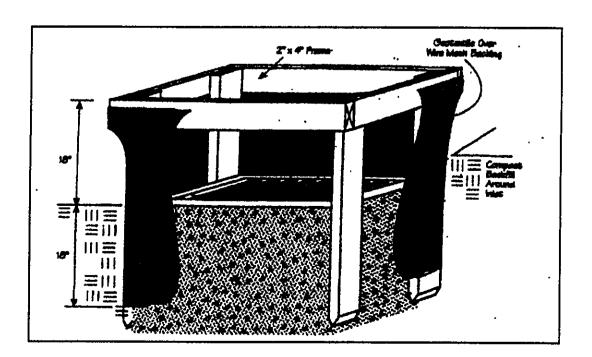


DWG. NAME Newmd1-0801









Seeding Dates	Species	Lb./1,000 ft. <sup>2</sup>	Per Ac.
March 1 to August 15	Oats Tall Fescue	3 .	4 bushel 40 lb.
	Annual Ryegress	i	40 lb.
	Perennial Ryegrass	1	40 lb.
	Tall Fescue	1	40 lb.
	Annual Ryagrass	1	40 њ.
August 16 to November 1	Rye	3	2 bushel
	Tall Fescue	1	40 lb.
	Annual Ryagrass	1	40 lb.
	Wheat	3	2 bushel
	Tall Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.
	Parennial Ryagrass	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.

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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.

"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 25/12 day of Sevi ,20 04 and that the elevations were taken at appropriate intervals and that as of that date they existed as indicated hereon."

2							
	CoxCorp	TOWNSHIP	LAKE	OUNTY,	ОНЮ		
	for: CA	TOWN 341P	OWN	F:D			
	ADDRESS						
	SUBDIVISION US	OBE NA	TRACT	-			
	/ 🚾	TO JAMVE	DO LOT	STRE	<b>E</b> f		
	SUBLOT NO.	STREET	VOL-PG.	PEN	PARCEL NO.		
- 1		LEG	END				
ł	SANITARY MANHOLE		EXEV.	1 <del>888</del> ±Z₽	ROP. ELEV.		
	STORM MANHOLE -	· •	AS BUILT ELEVAT		AS)		
Í	INLET OR CATCH BASIN		5 NOK	ATES .	CO		
١	EXISTING CONTOURS	ψ	S DIRE	CTION OF	•		
ı	PROPOSED CONTOURS		→ SURI	FACE DRAINAGE	:		
	SUBDIVISION PLAT OR OTHER PUBLIC RECORDS)  LOCATIONS AS SHOWN OF ADJACENT WELLS AND SEPTIC TANKS OBTAINED FROM LAKE COUNTY HEALTH DEPARTMENT						
	DESIGN CERTIFICATION THIS PLAT WAS PREPARED BY ME, AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.  **E6343**						
ļ	NAME /		WEYOR	RECEINMEN	NO.		
	NO. OF BEDROOMS DIMENSIONS BEARINGS THE TO NEAREST STREET SUBLOT NO. PARCEL NO SURROUNDING OWNERS BLDG, DIMENSIONS FIN- BLDG, THES FL'R, GRADE APRON TYPE WIDTH THE SIDEWALK TYPE WIDTH T CULVERT TYPE DIA., LER ROCK OUTCROPPINGS	OR. SI CHOLESS	WATER MAIN SIZE SAN. SEWER SIZE SAN. MH. CAST. E SAN. CONN. SIZE STORM SEWER SI STORM MH. CAST PAV'T TYPE GRAD GAS LINE LOC. SI SEPTIC TANK LOC WELL LOCATION ISOLATION RADIUS	X GR. LOC. DEV. INV. ELEV. LOC. DEPTH ZE X GR. LOC. ELEV. INV. ELE E CURBS ZE PRESSURE ATION & DUPLI	<b>v.</b>		
	REVISIONS  NO. DATE BY  1 2		PLAN PREPAI K·JONES & PMNESVILLE	: ASSOCIA	TES, INC.		
	3	DRAWN BY BP	SCALE	PHONE N	10-357-1811		
	4	CHKD. HT	DATE 9/27/0	DRAWING	NO.		
	5	CHEF	APPD HAT	03-2	33-/		
			<b>V</b>		-		

"AS BUILT" CERTIFICATION

I, HEREBY CERTIFY THAT THE CIRCLED GRADES ARE EXISTING
FINISH GRADES CHECKED IN THE FIELD ON \_\_\_\_\_\_\_, 20\_\_\_\_\_
AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

EXISTING 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, BABCOCK, JONES AND ASSOCIATES
INC. DOES NOT GUARANTEE THE COMPLETENESS NOR ACCURACY
THEREOF.

