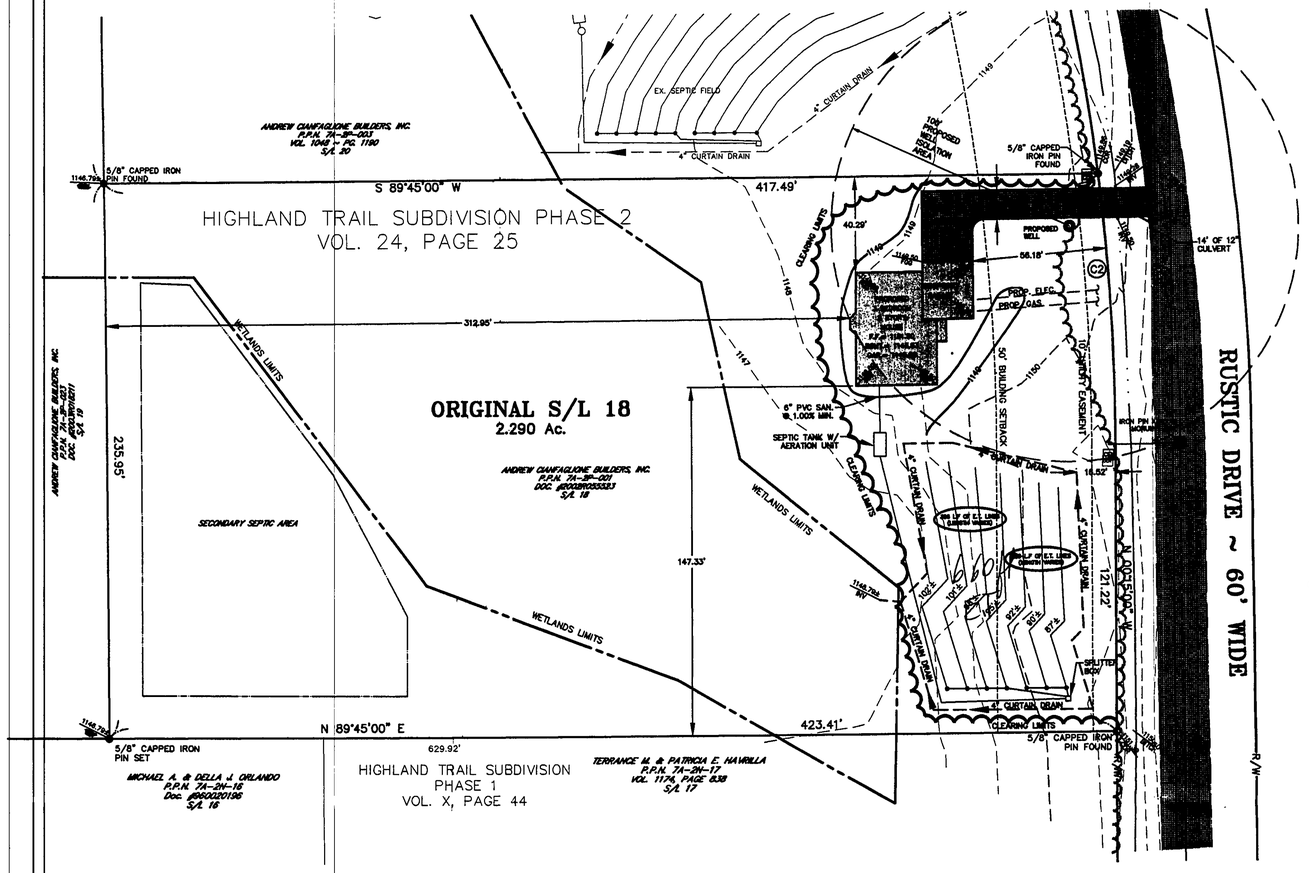
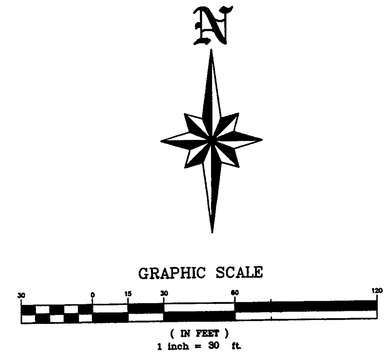
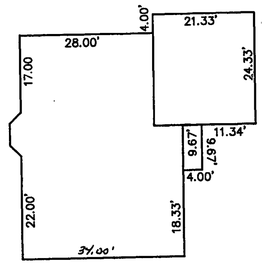




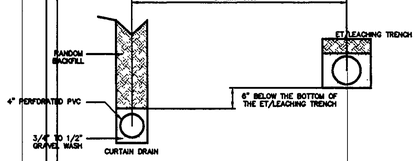
CURVE DATA

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	988.70'	297.77'	150.00'	296.67'	N 08°47'30" W	17°09'00"
C2	988.70'	115.00'	57.57'	114.93'	S 03°39'03" E	06°48'06"

REVIEWED AND ACCEPTED
LAKE COUNTY GENERAL
HEALTH DISTRICT
Date 5-28-03 By
SEWAGE DISPOSAL PERMIT MUST BE OBTAINED BY A LAKE COUNTY LICENSED INSTALLER BEFORE INSTALLATION IS STARTED

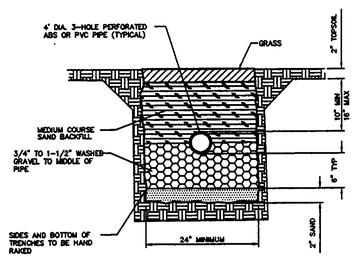


HOUSE DETAIL
N.T.S.



NOTES:
- WIDTH OF TRENCH FOR CURTAIN DRAIN TO BE 8".
- MINIMUM SLOPE OF CURTAIN DRAIN WILL BE 8" IN 10'.
- THE CURTAIN DRAIN WILL HAVE AN INSPECTION PORT AT THE COLLECTION POINT OF ALL FOUR SIDES.
- THE OUTLET OF THE CURTAIN DRAIN WILL BE PROTECTED FROM THE ENTRANCE OF SMALL ANIMALS.
- THIS DESIGN IS FOR FIELDS WITH A MAXIMUM WIDTH OF 56' INCLUDING CURTAIN DRAINS. WHEN WIDTH EXCEEDS 56', DIFFERENTIAL BETWEEN TRENCHES WILL BE INCREASED TO 2.5'.

CURTAIN DRAIN DETAIL
NTS

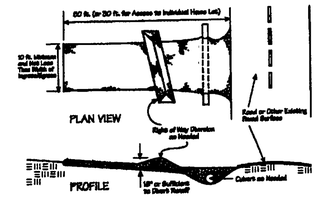


EVAPORATION-TRANSPIRATION TRENCH DETAIL
NTS

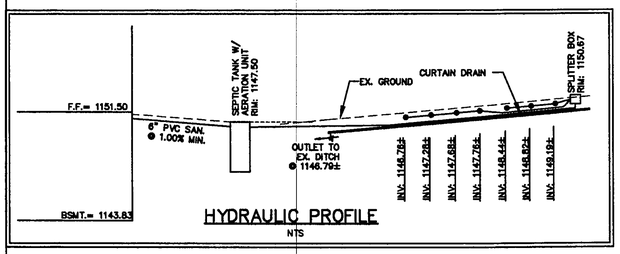
EROSION CONTROL NOTES

1. INSTALLATION OF SEDIMENT TRAPPING PRACTICES REQUIRED BEFORE EARTHWORK BEGINS AND TO REMAIN UNTIL DISTURBED AREAS ARE RESTABILIZED.
2. DENUDED AREAS TO HAVE SOIL STABILIZATION APPLIED WITHIN SEVEN DAYS IF AREAS WILL REMAIN DORMANT FOR MORE THAN THIRTY DAYS.
3. UPON COMPLETION OF EXCAVATION OR FILL AND FINISHED GRADING, SOIL STABILIZATION SHALL BE APPLIED WITHIN SEVEN DAYS.

Specifications for Construction Entrance



1. Stone Size—Two-inch stone shall be used, or recycled concrete equivalent.
2. Length—The construction entrance shall be as long as required to stabilize high traffic areas but not less than 50 ft. (except on single residence lot where a 30-ft. minimum length applies).
3. Thickness—The stone layer shall be at least 6 in. thick.
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.
5. Bedding—A geotextile shall be placed over the entire area prior to placing stone. It shall have a Grab Tensile Strength of at least 200 lb. and a Mullen Burst Strength of at least 180 lb.
6. Culvert—A pipe or culvert shall be constructed under the entrance if needed to prevent surface water flowing across the entrance from being diverted out onto paved surfaces.
7. Water Bar—A water bar shall be constructed as part of the construction entrance if needed to prevent surface runoff from flowing the length of the construction entrance and out onto paved surfaces.
8. Maintenance—Top dressing of additional stone shall be applied as conditions demand. Mud spilled, dropped, washed 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 or sweeping.
9. Construction entrances shall not be relied upon to remove mud from vehicles and prevent off-site tracking. Vehicles that enter and leave the construction site shall be restricted from muddy areas.



HYDRAULIC PROFILE
NTS

Grading Plan Approved as shown and/or noted
J. ... R. GILLS, P.E.
Lake County Engineer
By GJH Date 5-28-04

CERTIFICATION:

"I, the undersigned, hereby certify that this topography, indicated by 1' 0" contours and elevations shown hereon, represent an actual field survey made by me or by my direct supervision on April 25, 2003 and that the elevations were taken at appropriate intervals and that, as of that date, they existed as indicated hereon.

John Urbanick
Reg. No. E-66506

5/20/03
Date

Rev.	Description	Date	By	CH'KD

Site Plan for S/L 18 in the Highland Trail Subdivision for Cianfaglione Builders, Inc.

Leroy Township - Lake County - Ohio

STATE OF OHIO
JOHN URBANICK
E-66506
REGISTERED
PROFESSIONAL ENGINEER

Drawn By: mdp
Checked By:
Approved By:
Date: May 20, 2003

Greenland Consulting, Inc.
8520 Hopkins Road Mentor, OH 44060
Phone: (440) 205-1823 Fax: (440) 205-1823m
E-mail: greenlandc@aol.net

Scale: Horiz. 1"= 30'
Vert. 1"= N/A

Sheet No.	Of
1	1

Filename: 03-033

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