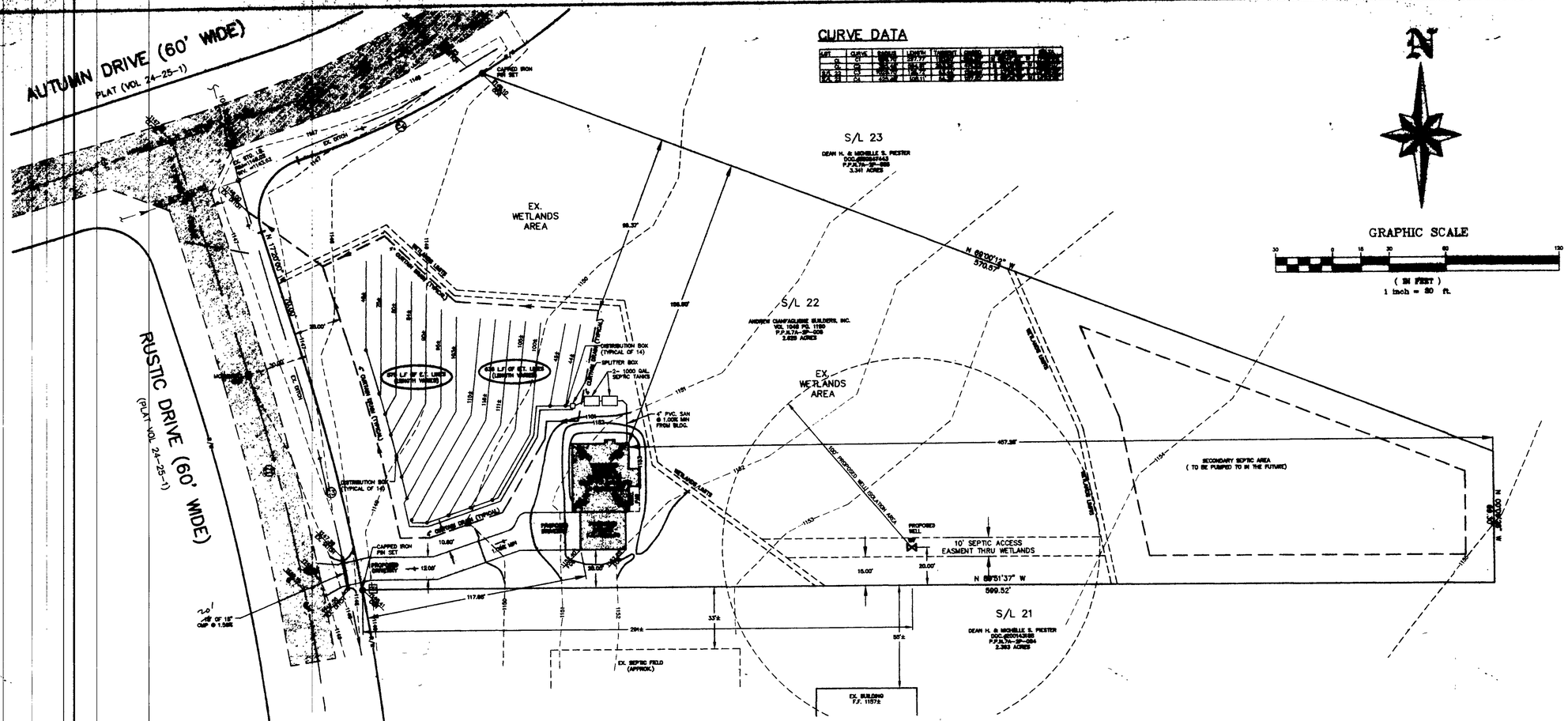
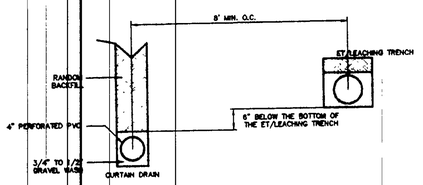
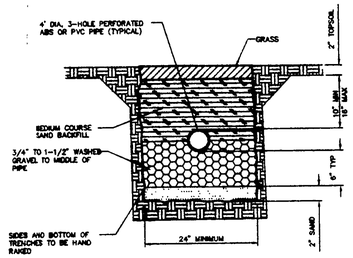




NOTES:
- WIDTH OF TRENCH FOR CURTAIN DRAIN TO BE 8".
- MINIMUM SLOPE OF CURTAIN DRAIN WILL BE 6" IN 10'.
- THE CURTAIN DRAIN WILL HAVE AN INSPECTION PORT AT THE COLLECTION POINT OF ALL FOUR SIDES.
- THE OUTLET OF THE CURTAIN DRAIN WILL BE PROTECTED FROM THE ENTRANCE OF SMALL ANIMALS.
- THIS DESIGN IS 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

LEROY TOWNSHIP
Zoning Approval
#2860
Zoning Inspector

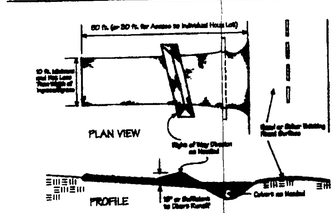


EVAPORATION-TRANSPIRATION TRENCH DETAIL
NTS

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 needed 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 190 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. Tire Bar—A water bar shall be constructed a part of the construction entrance if needed to prevent surface runoff from leaving the length of the construction entrance and out onto paved surfaces.
8. Maintenance—Top dressing of additional stone shall be applied as conditions warrant. Mud spilled, dropped, washed or tracked onto public roads, or any surface where runoff is not checked by sediment controls, must be removed immediately. Removal shall be accomplished by sweeping or scraping.
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.

REVIEWED AND ACCEPTED
LAKE COUNTY GENERAL
HEALTH DISTRICT

Date 8-8-02 BY
Gerald B Morris

SEWAGE DISPOSAL PERMIT MUST BE OBTAINED BY A LAKE COUNTY LICENSED INSTALLER BEFORE INSTALLATION IS STARTED.

Grading Plan Approved
as shown and/or noted
JAMES R. GILLS, P.E.
Lake County Engineer
By GH Date 8/2/02

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 July 27, 2002 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

8/06/02
Date

AUG 0 6 2002

STATE OF OHIO
JOHN URBANICK
E-66506
PROFESSIONAL ENGINEER

Rev.	Date	By	Description

Site Plan for S/L 22 in the Highland Trail Subdivision for Carriagehome Builders, Inc.

LEROY TOWNSHIP - LAKE COUNTY - OHIO

Drawn By: JAS
Checked By:
Approved By:
Date: 08/06/02

Greenland Consulting, Inc.
Planning - Surveying - Engineering
8180 Kirtland Road, Kirtland, OH 44094
Phone: (440) 256-0417 Fax: (440) 256-1605
E-Mail: greenlandconsulting@aol.com

Scale: Horiz. 1"=20' Vert. 1"= N/A

Sheet 1 of 1

File Name 02-060.dwg

\SIGPRO\02-060\dwg\dg Tue Aug 06 14:24:27 2002 (c) 2001, GREENLAND CONSULTING, INC. " STM