

WAKE COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES WASTEWATER PERMIT

NO PERMIT(S) FOR CONSTRUCTION, LOCATION OR RELOCATION ACTIVITY SHALL BE ISSUED UNTIL AN
AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION AUTHORIZATION HAS BEEN ISSUED
***PERMIT VOID IF NOT IN COMPLIANCE WITH ZONING REGULATIONS AND/OR IF SITE IS ALTERED OR
INTENDED USE CHANGED***

OPERATIONS PERMIT

PERMIT # WREP-165932-2026

APPLICATION DATE: 03/09/2026

BLDG. PERMIT#:

PIN: 0665738404

RECORDED: Yes

TOWNSHIP: 12 - Middle Creek

JURISDICTION: Fuquay Varina

ZONING: RA

APPLICANT: James Anderson
8621 JORDAN MEADOW DR

BUSINESS PHONE:

HOME PHONE:

MOBILE PHONE:

HD USE: 0001 REPAIR/EXISTING SYSTEM

EXISTING USE: 101A CONVENTIONAL ONE-FAMILY HOUSE

SITE ADDRESS: 8621 JORDAN MEADOW DR

SUBDIVISION: HAMPTON PARK ESTATES PH 2

LOT: 27

ACRES: 0.73

DIRECTIONS: 8621 Jordan Meadow Dr.

Systems defined as either type III-b, III-g with a pump, IV, V or VI, in accordance with the North Carolina administrative code 15A NCAC 18a .1961, table V as adopted by reference in the "Regulations Governing Wastewater Treatment Dispersal Systems in Wake County", requires Wake County Environmental Services to conduct periodic inspections of the system type pursuant to 15A NCAC 18a. 1961 (j). Fees for these inspections will be charged as per the approved Fee Schedule. In addition, all systems are to be operated and maintained as specified in 15A NCAC 18A .1961. This permit is based in part on information provided by the homeowner and/or his/her representative in the application submitted for this permit. The Environmental Health Specialist is not responsible for false or misleading information contained in the application. The environmental health specialist is also not responsible for concealed conditions on the property or for statements in this report that may have resulted from false or misleading statements provided to him/her in the application. Neither Wake County nor the Environmental Health Specialist warrants that the septic tank system will continue to function satisfactorily in the future or that the water supply will remain potable.

OPERATION PERMIT VALID FOR: No Expiration

INSTALLED BY: OTHER

PROPRIETARY SYSTEM: EZ1203HG - EZFlow EZ 1203H Geo **PRETREATMENT SYSTEM:**

SYSTEM TYPE INSTALLED:

OPERATION PERMIT: **STATUS:** Issued

ISSUED BY: Travis Howard

ISSUED DATE: 03/20/2026

SEPTIC TANK: existing

DATE OF MANUFACTURE:

FILTER:

GREASE TRAP:

DATE OF MANUFACTURE:

FILTER:

DOSING PUMP TANK:

DATE OF MANUFACTURE:

FILTER:

CC1: ETM1:

CC2:

ETM2:

RECIRCULATION TANK:

DATE OF MANUFACTURE:

CC1: ETM1:

CC2:

ETM2:

SEPTIC TANK ELEVATION:

GREASE TRAP ELEVATION:

DOSING PUMP TANK ELEVATION:

RECIRCULATION TANK ELEVATION:

DISTRIBUTION DEVICE ELEVATION:

INSTALLED TRENCH DEPTH	INSTALLED AGGREGATE DEPTH	INSTALLED TRENCH LENGTH	INSTALLED TRENCH BOTTOM ELEVATION

ACTUAL PRESSURE HEAD:

ACTUAL FLOW RATE:

ACTUAL DOSE VOLUME: 0

SPECIFIC OPERATION REQUIREMENTS:

This 4 bedroom/480 gallon/day repair installation has been approved and Operations Permit issued. The maximum occupancy for this home is 8. A curtain drain that horseshoes the entire drain field and repair area has been installed. Ezflow product installed with 12 mil plastic barrier on the bottom and downslope sidewall of curtain drain ditch. The majority of the drain is 4' depth. The gutters on the back of home are tied in to solid pipe that resides in the same ditch and outlets just above curtain drain. A storm water grate has been installed in the swale coming around the right side of house to manage surface water as well.

ISSUED BY:



DATE: 03/20/2026

AS BUILT

1"=40'

WREP-0165932-2026 As Built (final)

PLOT PLAN FOR MUNGO HOMES OF NORTH CAROLINA

8621 JORDAN MEADOW DRIVE
LOT 27, HAMPTON PARK, PHASE 2

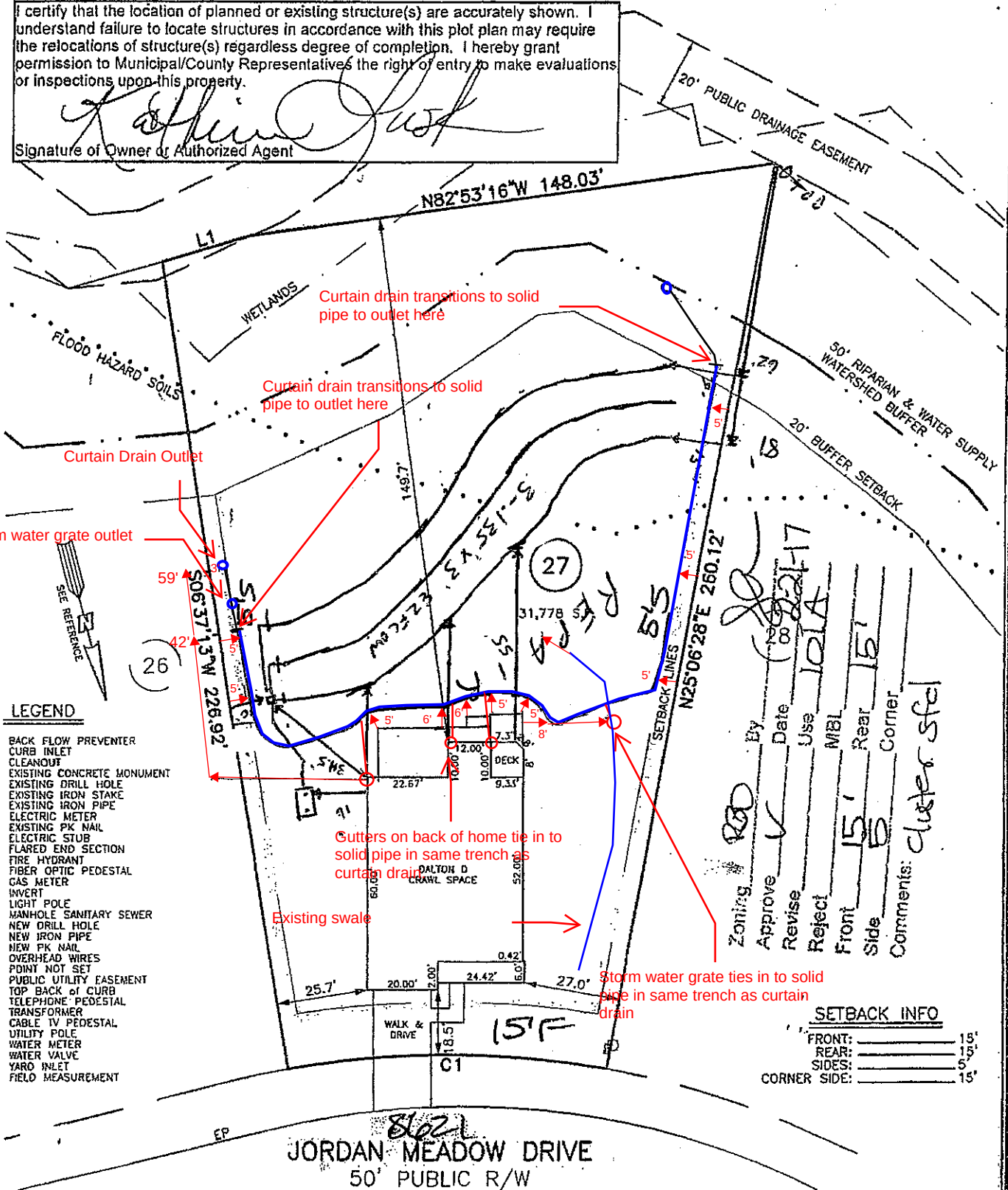
MIDDLE CREEK TOWNSHIP, WAKE COUNTY, NORTH CAROLINA

pin

0665 73 8404

I certify that the location of planned or existing structure(s) are accurately shown. I understand failure to locate structures in accordance with this plot plan may require the relocations of structure(s) regardless degree of completion. I hereby grant permission to Municipal/County Representatives the right of entry to make evaluations or inspections upon this property.

[Signature]
Signature of Owner or Authorized Agent



0172524
00516849

WAKE COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES WASTEWATER PERMIT

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INTENDED USE CHANGED***

CONSTRUCTION AUTHORIZATION PERMIT**PERMIT # WREP-165932-2026****APPLICATION DATE:** 03/09/2026**BLDG. PERMIT#:****PIN:** 0665738404**RECORDED:** Yes**TOWNSHIP:** 12 - Middle Creek**JURISDICTION:** Fuquay Varina**ZONING:** RA**APPLICANT:** James Anderson

8621 JORDAN MEADOW DR

FUQUAY VARINA, NC 27526-5770

BUSINESS PHONE:**HOME PHONE:****MOBILE PHONE:****HD USE:** 0001 REPAIR/EXISTING SYSTEM**EXISTING USE:** 101A CONVENTIONAL ONE-FAMILY HOUSE**SITE ADDRESS:** 8621 JORDAN MEADOW DR**SUBDIVISION:** HAMPTON PARK ESTATES PH 2**LOT:** 27**ACRES:** 0.73**DIRECTIONS:** 8621 Jordan Meadow Dr.

Contractors shall install system on contour. See attached SITE PLAN for wastewater system design and well location. No underground utilities, water lines or sprinklers systems may be located in the original system, or permit areas. A septic tank filter with two risers for access is required. The wastewater system shall not be covered or placed into use until inspected by the Wake County Department of Environmental Services and Operations Permit issued. An Accepted Status System may be used in place of conventional system, if it can be placed in the permitted/authorized trench footprint (except reduction in line length and/or number as allowed for in approval) and the installation in accordance with the accepted system approval, without unauthorized product alteration. If permit required use of an Accepted Status System, substitution with another accepted status system may be made, as long as no changes are necessary in the location of each nitrifications line (including any increase in line length), trench depth or effluent distribution method. If changes are necessary, prior approval by this office is required before system installation. Maximum depth of line is calculated using the downhill side of the trench and includes slope correction.

CONSTRUCTION AUTHORIZATION PERMIT VALID FOR: Five Years**CONSTRUCTION AUTHORIZATION PERMIT: CA STATUS:** Issued**BY:** Travis Howard**DATE:** 03/10/2026**CA VALID FOR:** Five Years**DESIGN FLOW:** 480 GALLONS**BASEMENT:** No**BASEMENT FIXTURES:** No**SEPTIC TANK:****DOSING PUMP TANK:****GREASE TRAP:****RECIRCULATION PUMP TANK:****SEPTIC TANK FILTER:****DOSING PUMP TANK FILTER:****GREASE TRAP FILTER:****RECIRCULATION PUMP TANK FILTER:****PROPOSED SYSTEM:** OTH - Other Curtain Drain**EXISTING SYSTEM:** Yes**DRAINFIELD SQ. FT:****AGGREGATE DEPTH:****MAX. TRENCH DEPTH:****DISTRIBUTION DEVICE:****TRENCH #:****TRENCH LENGTH:****TRENCH WIDTH:****TOTAL TRENCH LENGTH:****CENTER SPACING:****MINIMUM SOIL COVER:****PRETREATMENT:****APPROVAL #:**

SUBFIELDS #:

PUMP TDH:

PUMP DESIGN FLOW:

ZONE VALVE: No

ASDMS REQUIRED: No

LINE OF CREDIT REQUIRED: No

OPERATOR REQUIRED: No

P.E. SIGN OFF/ASBUILT REQUIRED: No

TRIPARTY AGREEMENT REQUIRED: No

SPECIFIC CONSTRUCTION AUTHORIZATION REQUIREMENTS:

This 4 bedroom/480 gallon/day repair permit is for 8621 Jordan Meadow Dr. & is a revision to previously expired permit WREP-044407-2020. The maximum occupancy for this home is 8.

Install curtain drain as shown on CA site plan. The drain shall be a minimum of 4' deep & must have 12 mil plastic impermeable barrier from top to bottom on the low side of the trench, as well as full width of bottom. Maintain 5' off structure/house & property lines with drain. Dig with care where the drain crosses beneath the supply line from the septic tank to dbx. This drain will extend to beneath the bottom existing drain line & transition to solid pipe from here to outlet. Install rodent guard on outlet & stabilize outlet with rock. * Note: Best professional Judgement is being applied for this permit with regard to 15A NCAC 18E. 0601- Location of Wastewater Systems, as the curtain drain will encroach on the minimum setbacks to the existing system & repair area.

**** The curtain drain documentation included with this construction authorization is intended to be guidance documentation aiding with the construction of a functional curtain drain for this property. Some measures may or may not need to be taken based on site specific criteria.****

Install a surface water grate in the low point of the swale coming around the right side of the house. The grate will be located just above where the curtain drain begins. This grate will outlet to a solid pipe that will be in the same trench as the curtain drain. Tie the gutters from the back of the house in to this pipe. Outlets with curtain drain.

* A pre construction conference is required. Call to schedule. TAH 919-369-5974

* Have utilities marked prior to installation

* Call the inspection line to schedule final inspection. 919-856-7427

** Note: The condition of your on-site wastewater disposal system is in violation of section 15A NCAC 18E. 1306(C) as adopted by Wake County & you will have 30 days to have the septic malfunction abated.

Issued By:



Date: 03/10/2026

~~AS BUILT~~

1"=40'

WREP-0165932-2026
CA:

Permit revised from expired
WREP-044407-2020. Modification
made from this permit

PLOT PLAN FOR
MUNGO HOMES OF NORTH CAROLINA
8621 JORDAN MEADOW DRIVE
LOT 27, HAMPTON PARK, PHASE 2
MIDDLE CREEK TOWNSHIP, WAKE COUNTY, NORTH CAROLINA

pin.

0665 73 8404

I certify that the location of planned or existing structure(s) are accurately shown. I understand failure to locate structures in accordance with this plot plan may require the relocations of structure(s) regardless degree of completion. I hereby grant permission to Municipal/County Representatives the right of entry to make evaluations or inspections upon this property.

Signature of Owner or Authorized Agent

* NOTE: Pre construction meeting
required. Call TAH to schedule.
919-369-5974

Outlet this side of curtain drain
here. Stay out of 50' riparian
buffer. Install rodent guard.

Curtain drain transitions to solid
pipe here, below the bottom
drain line, en route to outlet.

Outlet this side of curtain drain
here. Stay out of 50' riparian
buffer off creek. Install rodent
guard.

LEGEND

BFP BACK FLOW PREVENTER
CIB CURB INLET
CLEANOUT
ECM EXISTING CONCRETE MONUMENT
EDH EXISTING DRILL HOLE
EIS EXISTING IRON STAKE
EIP EXISTING IRON PIPE
EM ELECTRIC METER
EPK EXISTING PK NAIL
ES ELECTRIC STUB
FED FLARED END SECTION
FHR FIRE HYDRANT
FOP FIBER OPTIC PEDESTAL
GM GAS METER
INV INVERT
LPO LIGHT POLE
MNS MANHOLE SANITARY SEWER
NDH NEW DRILL HOLE
NIP NEW IRON PIPE
NPK NEW PK NAIL
OHV OVERHEAD WIRES
PNS POINT NOT SET
PUE PUBLIC UTILITY EASEMENT
TBC TOP BACK OF CURB
TEP TELEPHONE PEDESTAL
TRF TRANSFORMER
CVP CABLE TV PEDESTAL
UPU UTILITY POLE
WMT WATER METER
WLV WATER VALVE
YIN YARD INLET
FME FIELD MEASUREMENT

Hand dig curtain drain here
where it crosses beneath supply
line from ST to Deck

* Tie gutter down spouts in to
separate solid pipe in same
trench as curtain drain.

Install large surface water grate
within swale here. Tie in to
separate solid pipe that catches
gutter water.

Begin curtain drain here @ 5' off
P/L. Dig >= 4' deep. Follow tech
guide doc's. * Must have 12 mil
plastic barrier on low side of
trench & across bottom of trench.

SETBACK INFO

FRONT: 15'
REAR: 15'
SIDES: 5'
CORNER SIDE: 15'

JORDAN MEADOW DRIVE
50' PUBLIC R/W

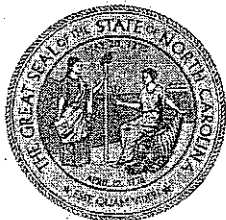
* Note: Dig open trench to 4'+ first to
assure water comes in to trench prior to
installing product.

NUMBER	DIRECTION	DISTANCE
L1	S88°53'53"W	27.06'

NUMBER	RADIUS'	DELTA	ARC'	CHORD BRG.	CHORD'
C1	255.00	20°18'04"	90.35	S75°02'34"E	89.88

REFERENCES:

B.M. 2013, PG. 287-290



BEST PROFESSIONAL JUDGMENT
for
LOCAL HEALTH DEPARTMENTS
or
PRIVATE LICENSED PROFESSIONALS
IN ACCORDANCE WITH 15A NCAC 18E .1306

NC DEPARTMENT OF
**HEALTH AND
HUMAN SERVICES**
Division of Public Health

**This page to be completed by LHD or private licensed professional*

SITE LIMITATIONS – Check the specific rules that prevent the site from being repaired and permitted in accordance with G.S. 130A, Article 11 and 15A NCAC 18E.

☐ Rule .0502 – Topography & Landscape Position

☐ Rule .0506 – Saprolite

☐ Rule .0503 – Soil Morphology

☐ Rule .0507 – Restrictive Horizons

☐ Rule .0504 – Soil Wetness Condition

☐ Rule .0508 – Available Space

☐ Rule .0505 – Soil Depth

☒ Other Rule(s) (please specify): 15A NCAC 18E .0601

Location of Wastewater Systems:

PLEASE CHECK THE FOLLOWING WHEN COMPLETED:

(all boxes must be reviewed, and applicable boxes checked before issuance of repair permit)

< 10' from upslope +
sideslope interceptor /curtain
drains + surface water
diversions w/ a vertical
out of
> 2'.

☒ Wastewater system troubleshooting complete. Household/facility water use has been reviewed.

☒ Wastewater system repair does not reduce the required horizontal setbacks to drinking water wells as indicated in 15A NCAC 18E .0601.

☒ Wastewater system repair does not reduce the required horizontal setbacks to surface water bodies greater than 50 percent of the horizontal setbacks indicated in 15A NCAC 18E .0601.

☒ Wastewater system repair has a reasonable expectation to function in accordance with 15A NCAC 18E .1306(c)(2)(D).

REHS SIGNATURE (if applicable)

Travis A. Howard

Signature of Authorized Agent

3/9/26

Date

OR

AOWE/PE SIGNATURE (if applicable)

Signature of AOWE/PE

License Number

Date

**This written agreement shall be attached to the Construction Authorization, Operation Permit, Notice of Intent to Construct, or Authorization to Operate, as applicable.*



OWNER REQUEST

for

BEST PROFESSIONAL JUDGMENT

for the repair of

**WASTEWATER TREATMENT AND DISPERSAL SYSTEMS
IN ACCORDANCE WITH 15A NCAC 18E .1306**

 NC DEPARTMENT OF
HEALTH AND
HUMAN SERVICES
Division of Public Health

**This page to be completed by owner of property or owner's legal representative*

 DATE: March 9, 2026

WASTEWATER SYSTEM OWNER – For a place of residence list the property owner(s). For all others, list name of the business or organization and person delegated signature authority:

 Print Property Owner(s): James Anderson

Business/Organization/Contact: _____

 Mailing Address: 8621 Jordan Meadow Dr.

 City: Fuquay Varina State: NC Zip Code: 21526 County: Wake

 Telephone Number(s): 919 606 7287

 Email Address: jima fvnc @ aol.com
PHYSICAL LOCATION OF WASTEWATER SYSTEM

 Parcel Identification Number (PIN): 0665738404

 Physical Address (if different than mailing address): Same

 City: _____ State: NC Zip Code: _____

OWNER ATTESTATION

 I, X James Anderson, hereby request the use of best professional judgment in accordance
 Owner's Printed Name

with 15A NCAC 18E .1306. I understand that the use of best professional judgment may be used to develop a repair that should enable my malfunctioning subsurface wastewater system to comply with 15A NCAC 18E .1303(a)(1) and give the system a reasonable expectation to function correctly. I agree to comply with all terms and conditions set forth on the associated repair permit, including any operation and maintenance requirements. By signing this document, I understand that I shall be liable for any damages associated with the use of best professional judgment to repair this malfunctioning subsurface wastewater system.

 Owner's Signature: James Anderson Date: 3-9-26

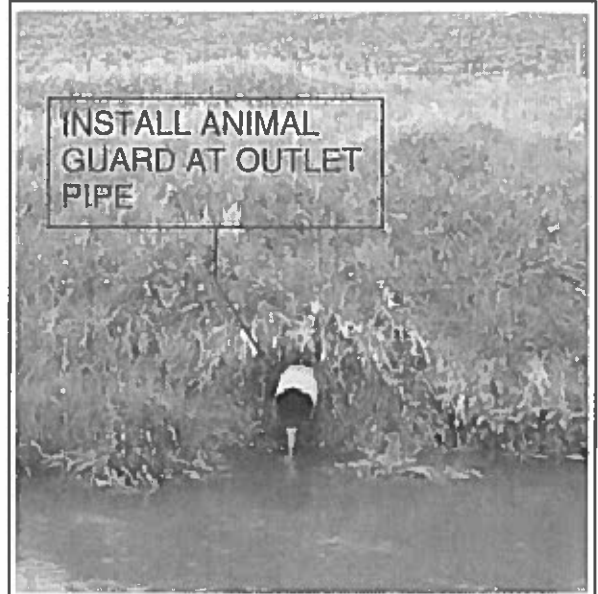
**This written agreement shall be attached to the Construction Authorization, Operation Permit, Notice of Intent to Construct, or Authorization to Operate, as applicable.*

Notes:

1. Use Corrugated slotted HDPE pipe and fittings conforming ASTM F 667 (Heavy duty 3" - 6") and locate at least six inch into restrictive layer.
2. The curtain drain shall be located 10' up-slope from the drainfield gradient, and generally parallel to the orientation of the dispersal component, of the onsite system that it is intended to protect;
3. The curtain drain daylight discharge must be situated to have both positive drainage 3" to 4" per 100', must be located 15' sideslope and must discharge 10' beyond last line when practical. Depth should be 12" below trench bottom.
4. Use Berm for smaller upslope areas as shown. Wake County, Environmental Services to field determine surface diversion, subsurface discharge daylighting practicality. Observe Berm after storm events and repair as needed until fully stabilized.
5. The curtain drain shall include observation port for maintenance. See Page 2 of 2 of this drawing.
6. The curtain drain shall be constructed of #4, #5 gravel or equal.
7. Use flexible, impermeable barrier (e.g. min. 2 layers of 6-mil polyethylene plastic) for down gradient of the drain. Up-gradient barrier, when used it must be permeable, when fines are concern use it upstream as well - contact County for additional guidance. Use permeable geotextile on top of gravel layer as shown on dwg. & tuck up on both ends.

Installation depth determination in Field:

The placement of the interceptor drain bottom to be field determined by digging test holes and visually establishing seepage area. Contact county if deeper (>5') drains are envisioned.

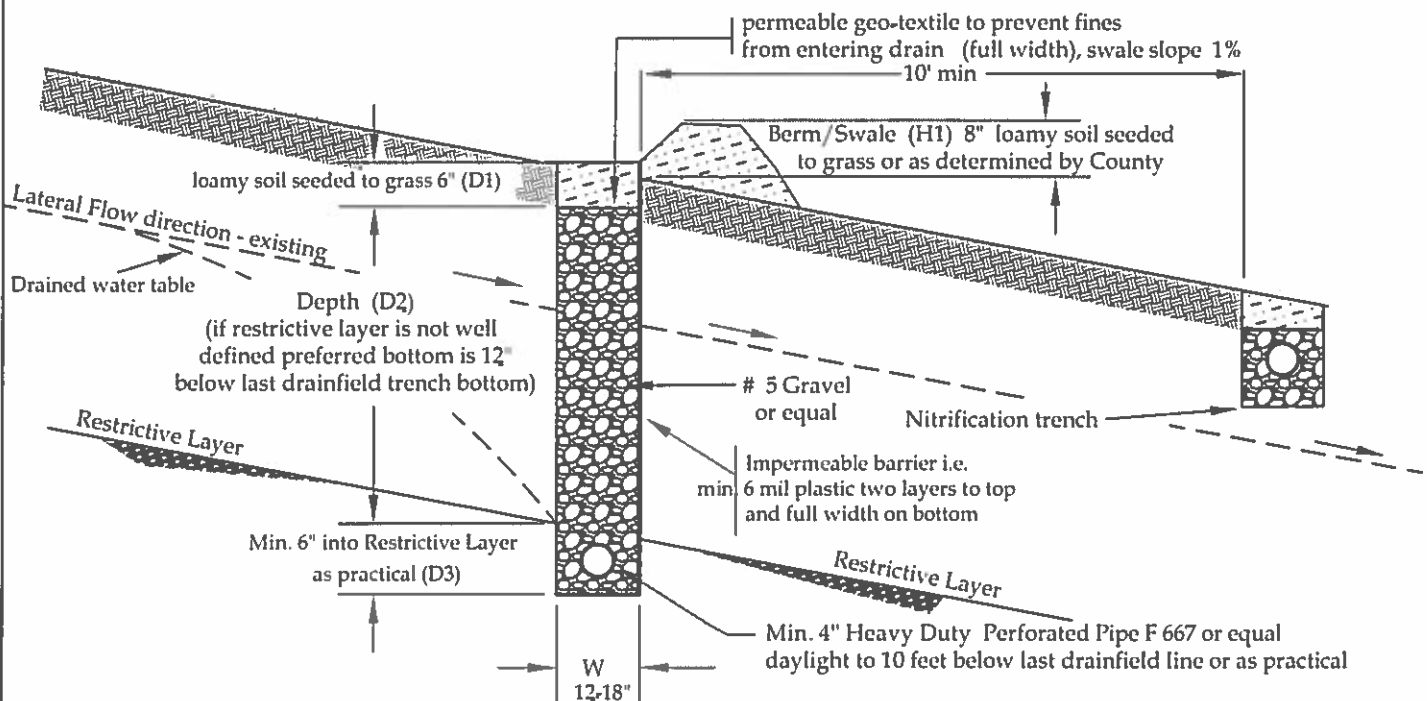


Drain daylighting to stream or buffer needs permit daylight upstream of buffer and use level spreader technique protect outlet from erosion, root/animal intrusion

Project Specific Details

Depth D ($D1 + D2 + D3$) = 4.0' Typ. 0.3 % Slope
 Width of Curtain Drain (W) = 12"-18"
 Height of Lower Berm (H1) = Min. 8" (slope 3:1)

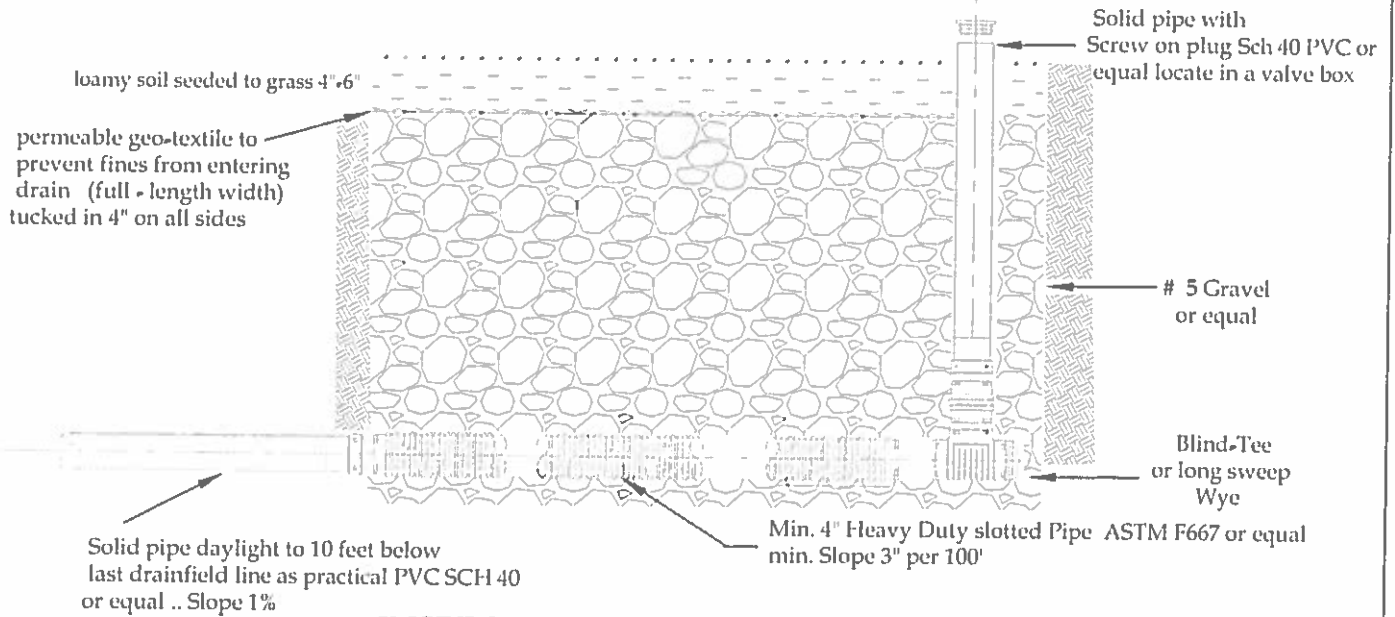
Installer to follow OSHA regulations



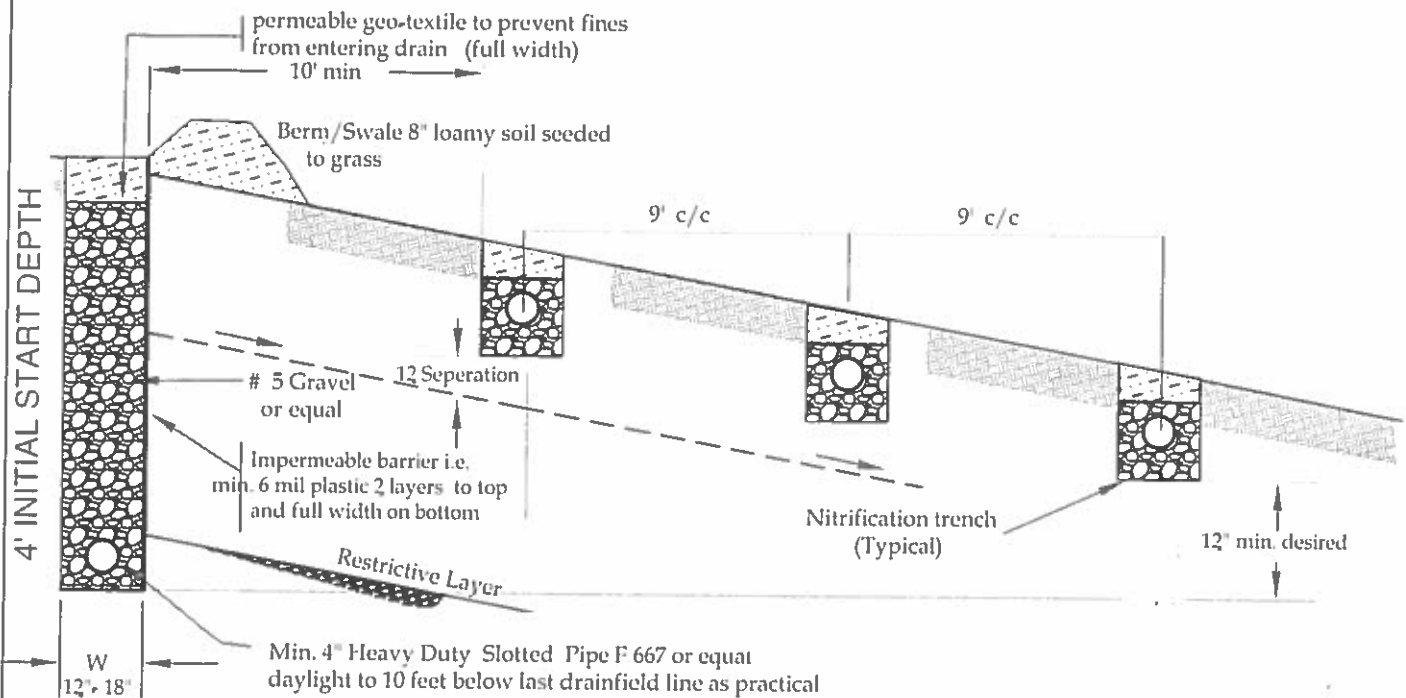
Curtain Drain Detail

Environmental Services

Designed	ICD	Date	01/29/2019	File Name	Generic
Revision	1	Date	01/29/2019	Drawing No.	1
Approved	WC	Date	01/29/2019	Sheet	1 of 2
No Scale					



INSPECTION PORT/ CLEANOUT DETAIL



Curtain Drain Detail

Environmental Services

Designed	ICD	Date	01/29/2019	File Name	Generic
Revision	1		01/19/2019	Drawing No.	1
Approved	WC		01/29/2019	Sheet	2 of 2
No Scale					

Financial Help

Wake County Health & Human Services has identified several public or non-profit resources which may be available to help with septic repair for households that meet certain income guidelines. There may be other sources of funding available. While Wake County cannot guarantee any funding or help with processing applications, you are encouraged to check the website below for eligibility and contact the individual agencies for more information.

www.wake.gov/financial-help