

Bureau of Environmental Health
 8930 Stanford Boulevard, Columbia, MD 21045
 Main: 410-313-2640 | Fax: 410-313-2648
 TDD 410-313-2323 | Toll Free 1-866-313-6300
www.hchealth.org
 Facebook: www.facebook.com/hocohealth

Maura J. Rossman, M.D., Health Officer

RECEIPT DATE: 7/5/18 **ONSITE SEWAGE DISPOSAL SYSTEM** P 503048

APPROVAL DATE: 8/13/18 SEC **PERMIT: CONSTRUCTION** A _____

PROPERTY ADDRESS: 1019 Fairlane Road

SUBDIVISION: Fairlane Farms LOT: 17 TAX ID: _____

CONTRACTOR: South Carroll Backhoe EMAIL: scbackhoe@comcast.com

CONTRACTOR ADDRESS: 4410 Salem Bottom Road, Westminster, MD 21157 PHONE: 410-596-3618

PROPERTY OWNER: NV Homes EMAIL: _____

OWNER ADDRESS: 9720 Patuxent Woods Drive, Columbia, MD 21046 PHONE: 410-379-5956

SEPTIC TANK SIZE (GALLONS): 2000 TANK MANUFACTURER: Babylon Vault or equivalent

PUMP MODEL: N/A PUMP SIZE N/A PUMP TANK CAPACITY: N/A

DISTRIBUTION SYSTEM: GRAVITY PRESSURE DOSED BEDROOMS: 5 APPLICATION RATE 1.2

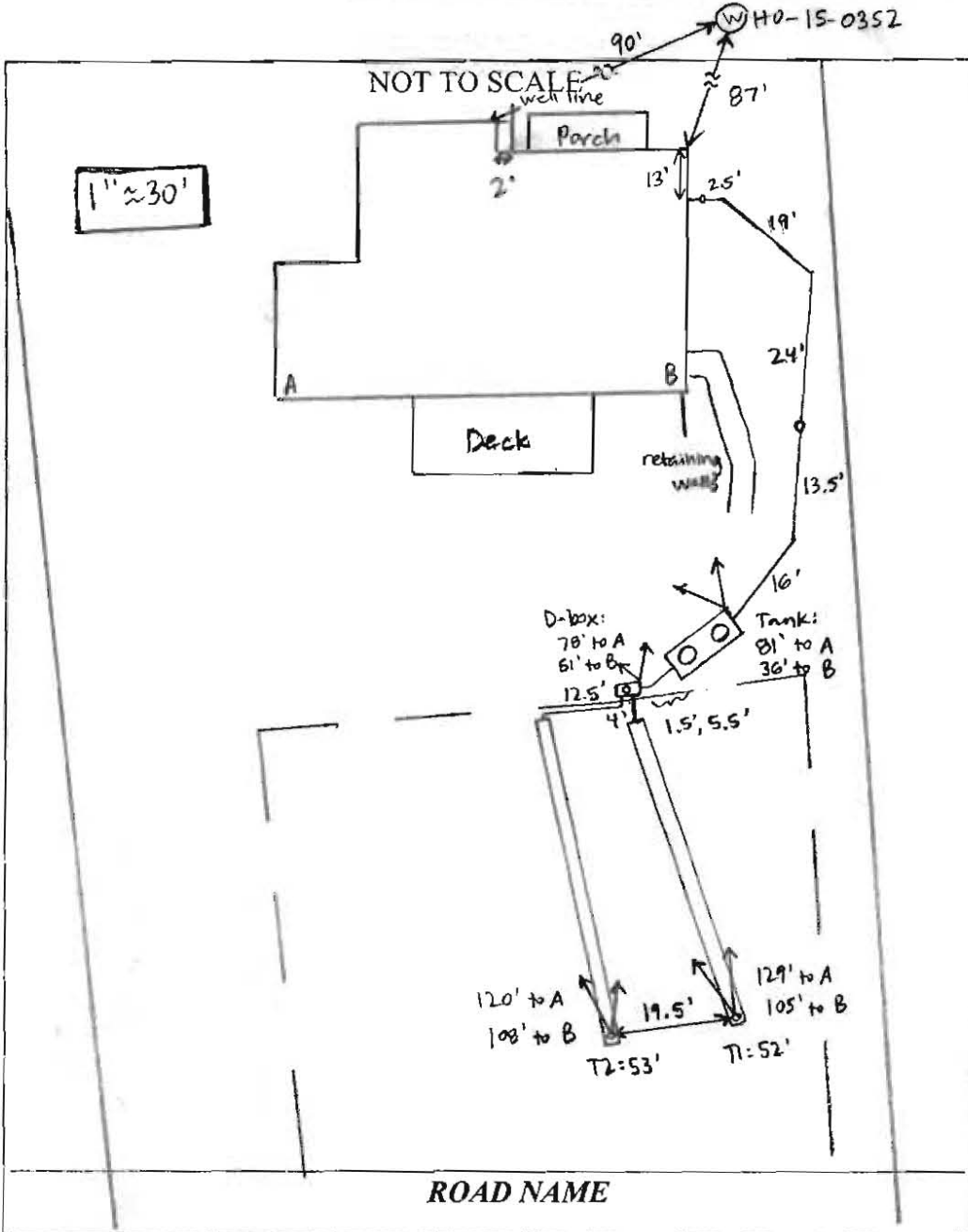
TRENCHES:	LINEAR FEET REQUIRED: <u>104.6</u>	INLET DEPTH: <u>3</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>6</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>3</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND TANK LOCATIONS MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	Use 2 trenches @ 52.08 LF	

ISSUED BY: Hank Oswald ISSUE DATE: 7/5/18 EXPIRATION DATE: 7/5/19

- NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION
- NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING
- NOTE: STONE MUST BE APPROVED BY HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FOR REVIEW.
- NOTE: WATERTIGHT TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE AT LEAST 100 FEET DOWNGRADIENT FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS
- NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM
 ELECTRICAL PERMIT ISSUED E _____
- NOTE: MDE RECOMMENDS SEPTIC TANKS, BAT, AND OTHER PRETREATMENT UNITS BE PUMPED AT A FREQUENCY ADEQUATE TO ENSURE THAT SOLIDS ARE NOT DISCHARGED TO THE DISPOSAL AREA

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.
 CALL 410-313-1771 TO SCHEDULE INSPECTIONS.



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	3'	6'
NUMBER OF TRENCHES		2
TOTAL LENGTH		105'
ABSORPTION AREA		315' + SIDEWALL
DISTRIBUTION BOX LEVEL		YES
DISTRIBUTION BOX BAFFLE		YES
DISTRIBUTION BOX PORT		YES

SEPTIC TANK DATA	
SEPTIC TANK I LEVEL	YES
MANUFACTURER	BABYLON
CAPACITY	2000 GAL
SEAM LOC	TOP
TANK LID DEPTH	1.5-3.5'
BAFFLES	YES
BAFFLE FILTER	NO
MANHOLE LOC	FRONT + REAR
6" PORT LOC	NONE
WATERTIGHT TEST	NO
SLOTTED	YES
DATE ON LID	6-22-18

PUMP/SEPTIC TANK LEVEL	
MANUFACTURER	
CAPACITY	GAL
SEAM LOC	
TANK LID DEPTH	
BAFFLES	
BAFFLE FILTER	
MANHOLE LOC	
6" PORT LOC	
WATERTIGHT TEST	
SLOTTED	
DATE ON LID	

PRE-CONSTRUCTION:
 7/9/18 Met S. Carroll and superintendent on site for layout. Tank and SDA corners staked. Retaining wall also staked - location moved uphill from what was shown on plan b/c walkout location now at house corner (originally under deck). Tank in swale + at end of retaining wall where water will flow. Looked into options of moving w/ superintendent. Will make fall to tank w/ 3' or less cover + to trench inlet. (SC)

7/26/18 Met S. Carroll on site for layout. New tank location + retaining wall staked. Shot contour. laid out 2x52' trenches. Shot elevations and tank will have 3' cover @ inlet. (SC)

7/30/18 On site while tank was set. No obvious cracks on bottom or sides. (SC)

7/31/18 T1 complete + left open @ ends for inspection - 3' wide, 2.5' to stone. S. Carroll adding stone to end of T2. D-box installed + connected to tank + trenches. Levelled speed levelers in D-box. Need house connection after retaining wall is installed. (SC)

8/9/18 Sewer line run from house to tank. Need house connection. (SC) 8/13/18 House connection made. (SC)

FINAL INSPECTOR Sarah Collins DATE OF APPROVAL 8/13/18

GENERAL NOTES:

- 1) THIS LOCATION DRAWING IS PREPARED FOR THE BENEFIT OF THE CLIENT SIGNING THE HOUSE LOCATION SURVEY APPROVAL FORM INsofar AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH THE CONTEMPLATED TRANSFER, FINANCING OR REFINANCING OF THE PROPERTY SHOWN HEREON. UNLESS INDICATED AS BEING A BOUNDARY SURVEY, THIS LOCATION DRAWING IS NOT INTENDED FOR USE IN THE ESTABLISHMENT OF PROPERTY LINES AND IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATIONS OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS. AS A RESULT, THIS LOCATION DRAWING DOES NOT PROVIDE FOR ACCURATE IDENTIFICATION OF PROPERTY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING FOR RE-FINANCING.
- 2) SUBJECT PROPERTY IS SHOWN IN ZONE X₁ ON THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP OF HOWARD COUNTY, MARYLAND, COMMUNITY PANEL NO. 2402200030D, EFFECTIVE 11-05-2013.
- 3) THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF PLUS OR MINUS 0.5'.
- 4) NO TITLE REPORT FURNISHED. SUBJECT TO ALL EASEMENTS, RIGHTS OF WAY AND CONDITIONS OF RECORD.
- 5) THE EXISTING WELL(S) SHOWN ON THIS PLAN (IDENTIFIED WITH THE ATTACHED WELL TAG NUMBER HO-15-0352 HAS BEEN FIELD LOCATED BY FISHER, COLLINS AND CARTER, INC., PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.
- 6) PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROPERTY LINE SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 339, EXPIRATION DATE 10/04/2018.
- 7) BUILDING PERMIT #B-18000967

Legend

- Private Drainage & Utility Easement
- 10' Public Tree Maintenance Easement
- 36' Private Access And Stormwater Management Easement For Lots 15 Thru 18
- Private Use-In-Common Access Easement

Public And Private Drainage & Utility Easement Line Table

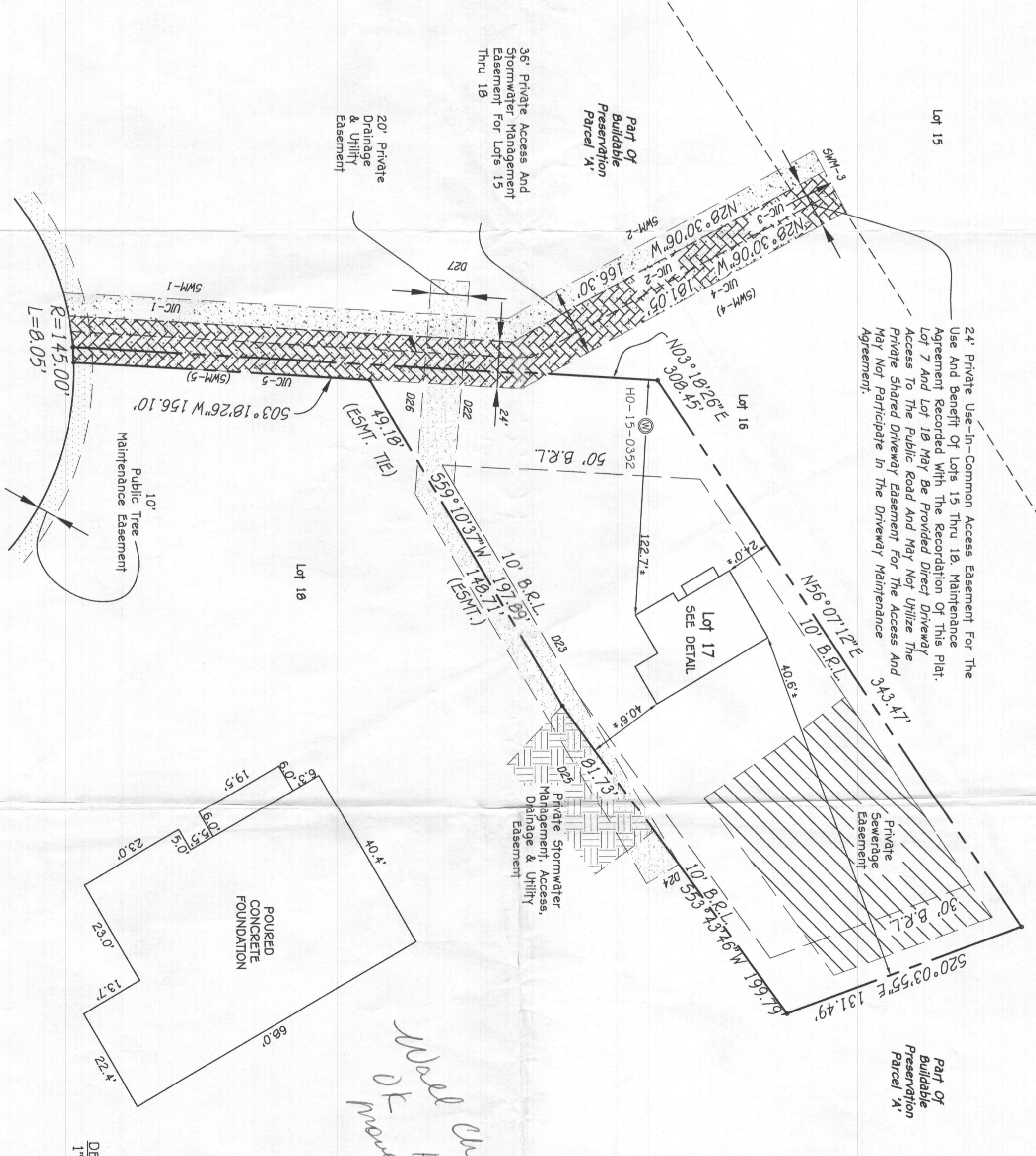
LINE	BEARING	LENGTH
D22	S05°37'32"E	106.11'
D23	N59°10'37"E	231.25'
D24	S30°49'23"E	20.00'
D25	S59°10'37"W	237.59'
D26	N05°37'32"W	112.00'
D27	N03°10'26"E	20.00'

24' Private Use-In-Common Access Easement Line Table

LINE	BEARING	LENGTH
UIC-1	N03°10'26"E	23.462'
UIC-2	N20°30'06"W	106.50'
UIC-3	N61°29'54"E	24.00'
UIC-4	S20°30'06"E	193.34'
UIC-5	S03°10'26"W	237.32'

36' Private Access And Stormwater Management Easement Line Table

LINE	BEARING	LENGTH
SWM-1	N03°10'26"E	23.430'
SWM-2	N20°30'06"W	103.00'
SWM-3	N61°29'54"E	36.00'
SWM-4	S20°30'06"E	193.34'
SWM-5	S03°10'26"W	237.32'



DETAIL: 1"=20'

Galaxy Drive
Public 50' R/W

HOUSE LOCATION DRAWING

FOUNDATION LOCATION: 5.31.17.18
FINAL LOCATION: _____
BOUNDARY SURVEY: _____

SCALE: 1"=50'
DATE: 6/11/18
DRAWN BY: JML
CHECKED BY: JML
PROJECT NO.: 05108-3023



PROPERTY LINE SURVEYOR
REG. #339

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CONTINENTAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
CLOUETON, MD 21024
(410) 481-2829

LOT 17
FAIRLANE FARM
PHASE ONE
LOTS 1 THRU 18, BUILDABLE PRESERVATION PARCEL
'A', NON-BUILDABLE PRESERVATION PARCELS 'B' THRU
'E', PARCEL 'F', NON-BUILDABLE BULK PARCELS 'G'
AND 'H' AND FOREST MITIGATION BANK
PLAT NOS. 24251 THRU 24259
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

Handwritten note: Mail check to Howard County 4-5-18



Bureau of Environmental Health
8930 Stanford Blvd | Columbia, MD 21045
410.313.2640 - Voice/Relay
410.313.2648 - Fax
1.866.313.6300 - Toll Free

Maura J. Rossman, M.D., Health Officer

MEMORANDUM

TO: Fisher, Collins & Carter, Inc.
10272 Baltimore National Pike
Ellicott City, MD 21042

FROM: Hank Oswald, L.E.H.S.
Well & Septic Program

RE: 1019 Fairlane Road
Fairlane Farms, Lot 17

Date: March 23, 2018

The OSDS Plan for 1019 Fairlane Road has been reviewed with the following comments:

- 1.) Move initial system to top of SDA
- 2.) Correct well tag # in note #4
- 3.) Correct invert elevation out of d-box and into trench #1
- 4.) Reduction credit should be 0.5 for all 3 systems.

Oswald, Hank

From: Oswald, Hank
Sent: Friday, March 23, 2018 7:19 AM
To: 'Tony Fertitta'
Subject: OSDS Plan Review_1019 Fairlane Farm Road
Attachments: OSDS Memo To FCC_1019 Fairlane Farm_3.2018.pdf

Hi Tony:

Attached, please find plan review comments pertaining to the OSDS Plan for 1019 Fairlane Farm Road.

Hank

Hank Oswald
Licensed Environmental Health Specialist
Howard County Health Department
Bureau of Environmental Health
Well & Septic Program
8930 Stanford Boulevard
Columbia, MD 21045
410.313.1786 (Office)
hoswald@howardcountymd.gov

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Transmittal

Via: Fax Mail Messenger E-Mail To Be Picked Up
 Fax (original to follow via U.S. Mail)

To: Bureau of Environmental Health 8930 Stanford Blvd. Columbia, Maryland 21046-4544	Attn: Hank Fax: Phone: 410-313-2640
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From: Tony Fertitta	CC:
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Re: Fairlane Farms, Lot 17	W.O.# 05106-3003
Date: March 20, 2018	Pages: 0 Page(s) Including this cover

We are forwarding:	<input checked="" type="checkbox"/> Prints	<input type="checkbox"/> Copy of Letter	<input type="checkbox"/> Specifications	<input type="checkbox"/> Shop drawings	<input type="checkbox"/> Other
	<input type="checkbox"/> Urgent	<input type="checkbox"/> For your use	<input type="checkbox"/> As requested	<input checked="" type="checkbox"/> For Review & Comment	

Remarks:

Re: Fairlane Farm, Lot 17, 1019 Fairlane Rd.

Here are 3 new copies of the OSDS for Lot 17 for your review. Please let me know if you have any questions.

Please leave a copy up front for pickup if approvable as is.

Thank You !

Tony.

Fisher, Collins, & Carter, Inc. Ph. 410-461-2855

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Via: Fax Mail Messenger E-Mail To Be Picked Up
 Fax (original to follow via U.S. Mail)

To: Bureau of Environmental Health 8930 Stanford Blvd. Columbia, Maryland 21046-4544	Attn: Hank Fax: Phone: 410-313-2640
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From: Dave Harward	CC:
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Re: Fairlane Farms, Lot 17	W.O.# 05106-3003
Date: July 12, 2018	Pages: 0 Page(s) Including this cover

We are forwarding:	<input checked="" type="checkbox"/> Prints	<input type="checkbox"/> Copy of Letter	<input type="checkbox"/> Specifications	<input type="checkbox"/> Shop drawings	<input type="checkbox"/> Other
	<input type="checkbox"/> Urgent	<input type="checkbox"/> For your use	<input type="checkbox"/> As requested	<input checked="" type="checkbox"/> For Review & Comment	

Remarks:

Re: Fairlane Farm, Lot 17, 1019 Fairlane Rd.

We have revised this plan to coordinate new final grading for this house, and I've shown this to Sarah Collins to give a brief review of it before sending to you. She was fine with this design. Here are 3 new copies of the OSDS for Lot 17 for your review. Please let me know if you have any questions.

Please leave a copy up front for pickup if approvable as is.

Thank You !

Dave.

Fisher, Collins, & Carter, Inc. Ph. 410-461-2855



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**FISHER, COLLINS
& CARTER, INC.**

**CIVIL ENGINEERING CONSULTANTS
and LAND SURVEYORS**

Terrell A. Fisher, P.E., L.S.
Earl D. Collins, P.E.
Charles J. Crovo, Sr., P.E., L.S.

Paul W. Kriebel, P.E.
Mark L. Robel, P.L.S.
Aldo M. Vitucci, P.E.
Frank Manalansan II, L.S.
Stephanie Tuite, RLA, P.E., LEED AP BD&C

Transmittal

Via: Fax Mail Messenger E-Mail To Be Picked Up
 Fax (original to follow via U.S. Mail)

To: Bureau of Environmental Health 8930 Stanford Blvd. Columbia, Maryland 21046-4544	Attn: Hank Fax: Phone: 410-313-2640
---	---

From: Tony Fertitta	CC:
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Re: Fairlane Farms, Lot 17	W.O.# 05106-3003
Date: April 4, 2018	Pages: 0 Page(s) Including this cover

We are forwarding:	<input checked="" type="checkbox"/> Prints	<input type="checkbox"/> Copy of Letter	<input type="checkbox"/> Specifications	<input type="checkbox"/> Shop drawings	<input type="checkbox"/> Other
	<input type="checkbox"/> Urgent	<input type="checkbox"/> For your use	<input type="checkbox"/> As requested	<input checked="" type="checkbox"/> For Review & Comment	

Remarks:

Re: Fairlane Farm, Lot 17, 1019 Fairlane Rd.

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Please leave a copy up front for pickup if approvable as is.

Thank You !

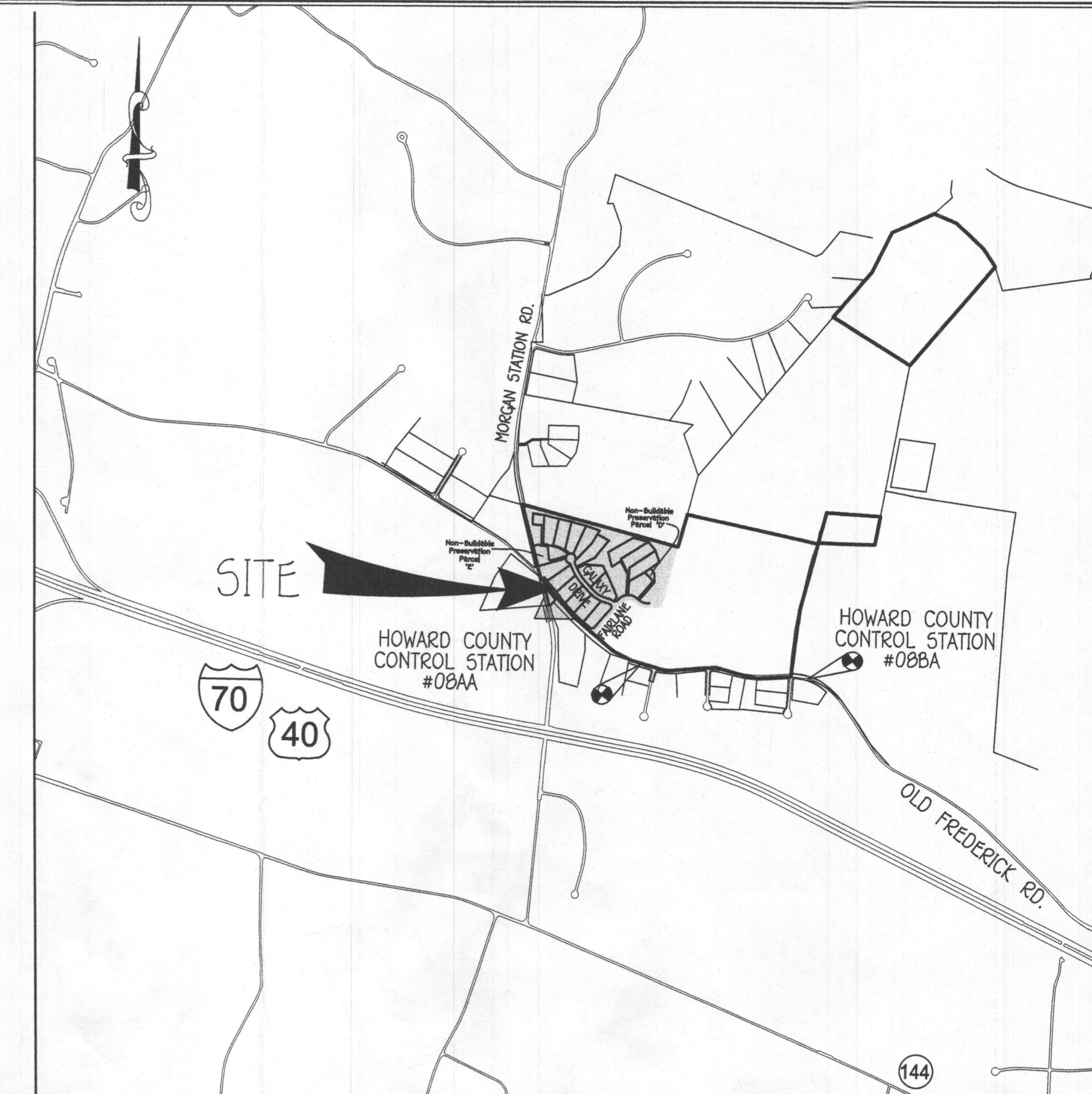
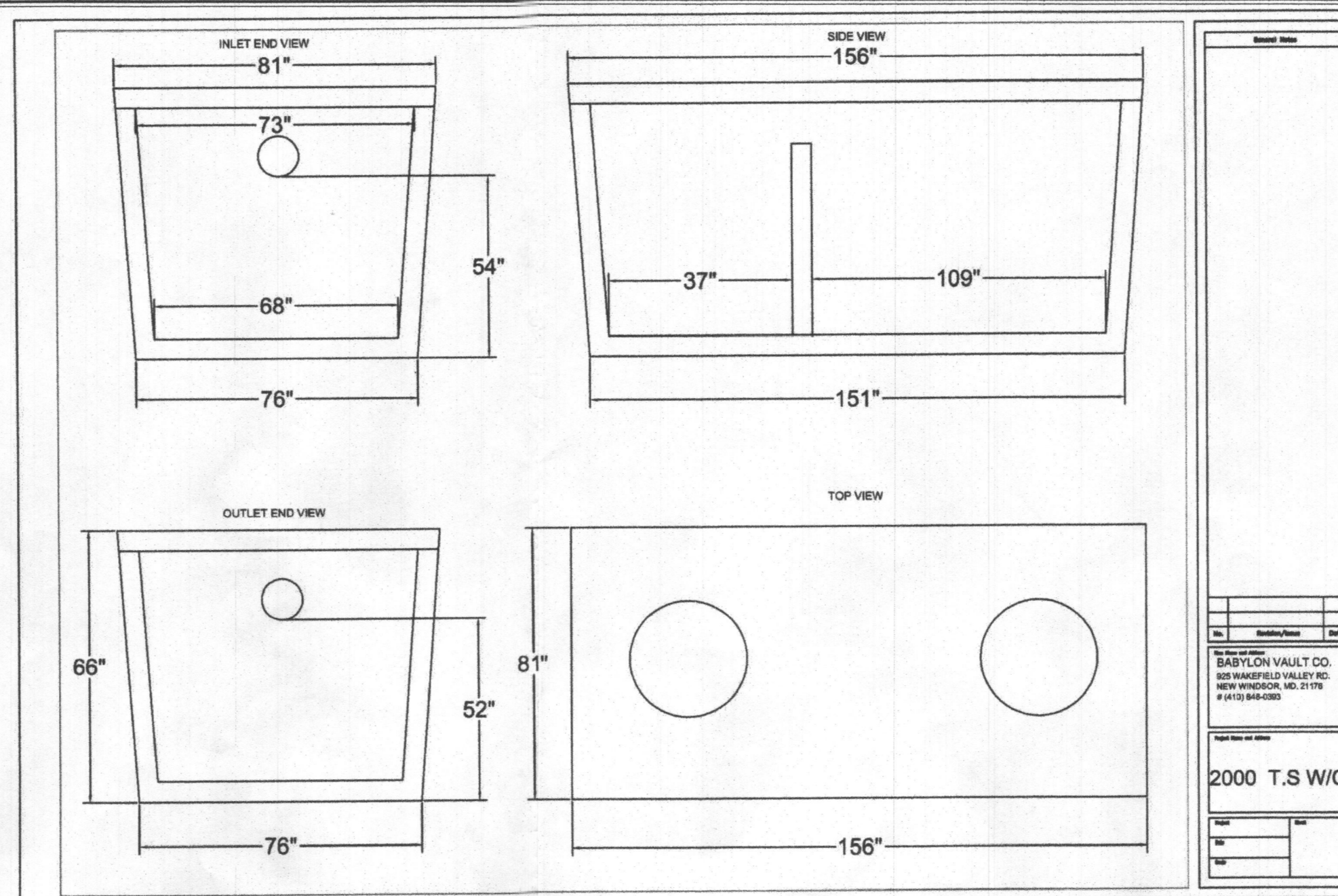
Tony.

Fisher, Collins, & Carter, Inc. Ph. 410-461-2855

CONFIDENTIALITY NOTICE

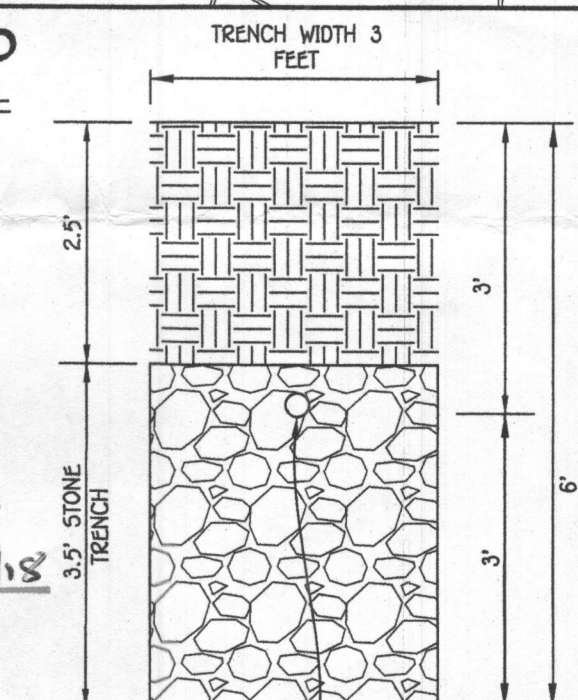
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2. THE MAXIMUM EARTH COVER OVER THE TANK IS 3 FEET. GREATER EARTH COVER WILL REQUIRE A HEAVY LOAD BEARING TANK.
3. ELECTRICAL WORK FOR THE INSTALLATION MUST BE PERFORMED BY A LICENSED ELECTRICIAN.
4. THE WELL HO-15-0352 HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN.
5. ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100' OF THE PROPERTY BOUNDARIES AND 200' DOWN GRADIENT OF ANY WELLS AND/OR SEPTIC SYSTEMS HAVE BEEN SHOWN.



VICINITY MAP

SCALE: 1" = 1200'



Approved Septic System Plan
Howard County Health Department
Hank Oswald 7/23/18
Signature Date



PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 20748, EXPIRATION DATE: 02/22/2019.

Michael Vitucci 7/11/18
ALDO MICHAEL VITUCCI DATE

SEPTIC SYSTEM INSTALLATION SITE PLAN

LOT 17
1019 FAIRLANE ROAD
FAIRLANE FARMS
PHASE ONE
ZONED: RC-DEO

TAX MAP NO.: 8 GRID NO.: 2 PARCEL NO.: 8
5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1"=30' DATE: JULY 11, 2018

INITIAL SYSTEM

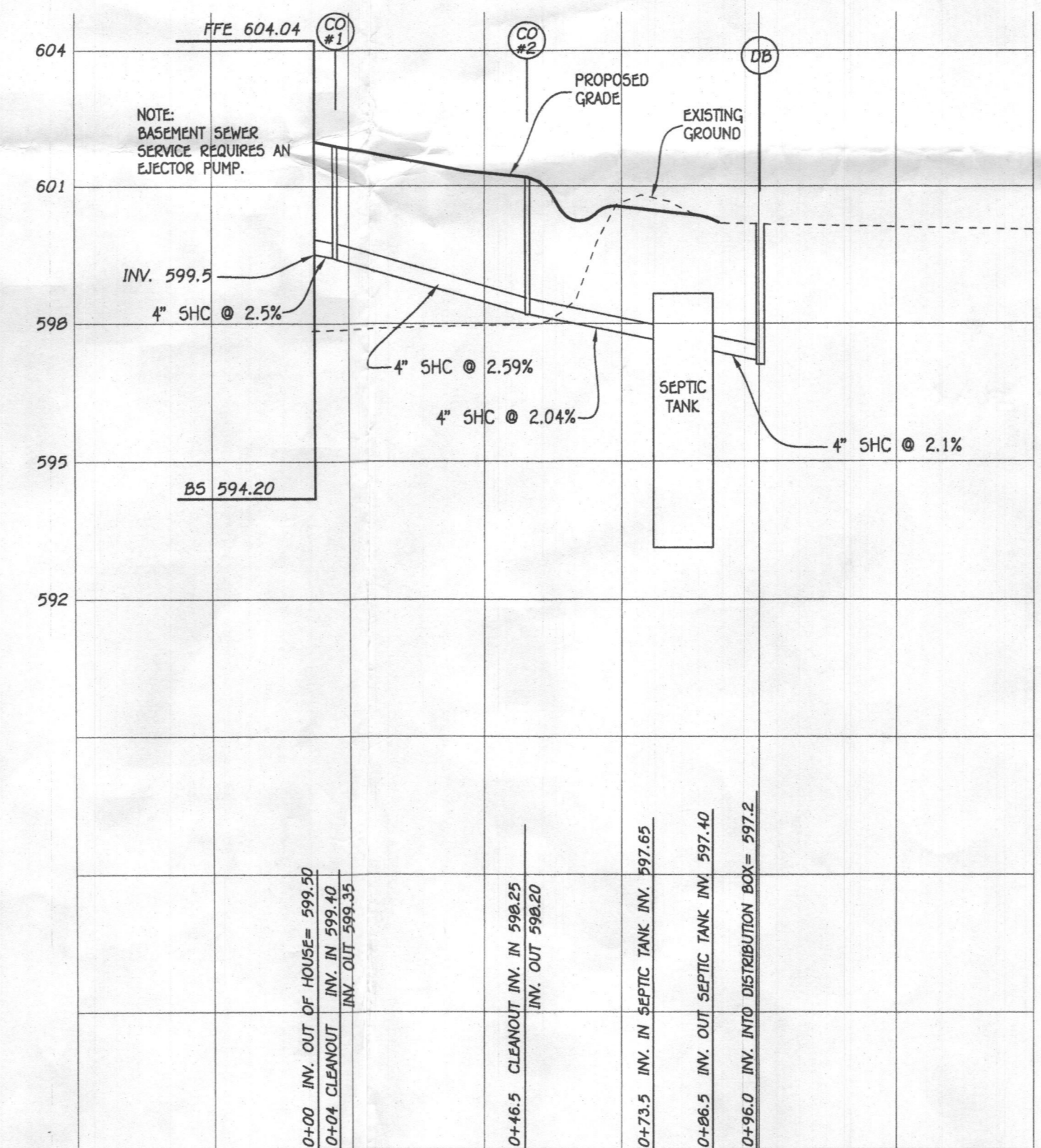
SEWAGE DISPOSAL SYSTEM DATA, DESIGN FOR 5 BEDROOMS
LOADING RATE = 5 BEDROOMS X 150 GPD/BEDROOM = 750 GPD
APPLICATION RATE = 1.2
EFFECTIVE SIDEWALL BEGINS AT 3 FEET
TRENCH DEPTH = 6 FEET
TRENCH WIDTH (W) = 3 FEET
EFFECTIVE DEPTH (D) = 3 FEET
SF OF DRAINFIELD = 750 GPD / 1.2 = 625 SF
COEFFICIENT OF REDUCTION OF TRENCH LENGTH = (W+2)/(W+1+2D) = (3+2)/(3+1+(2x3)) = .5
TRENCH LENGTH = 625 SF x 0.5 = 52.08 FEET (USE 2 TRENCHES AT 52.08 L.F.)
TRENCH SPACING = 2D+W = ((2x2.5) + 3) = 8' USE 10'

1ST REPLACEMENT SYSTEM

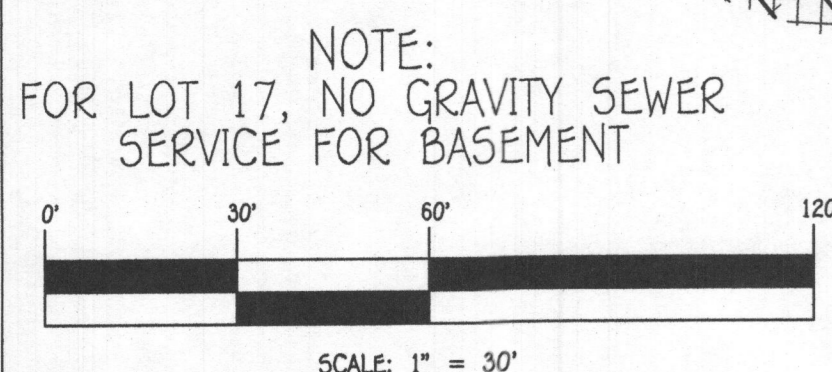
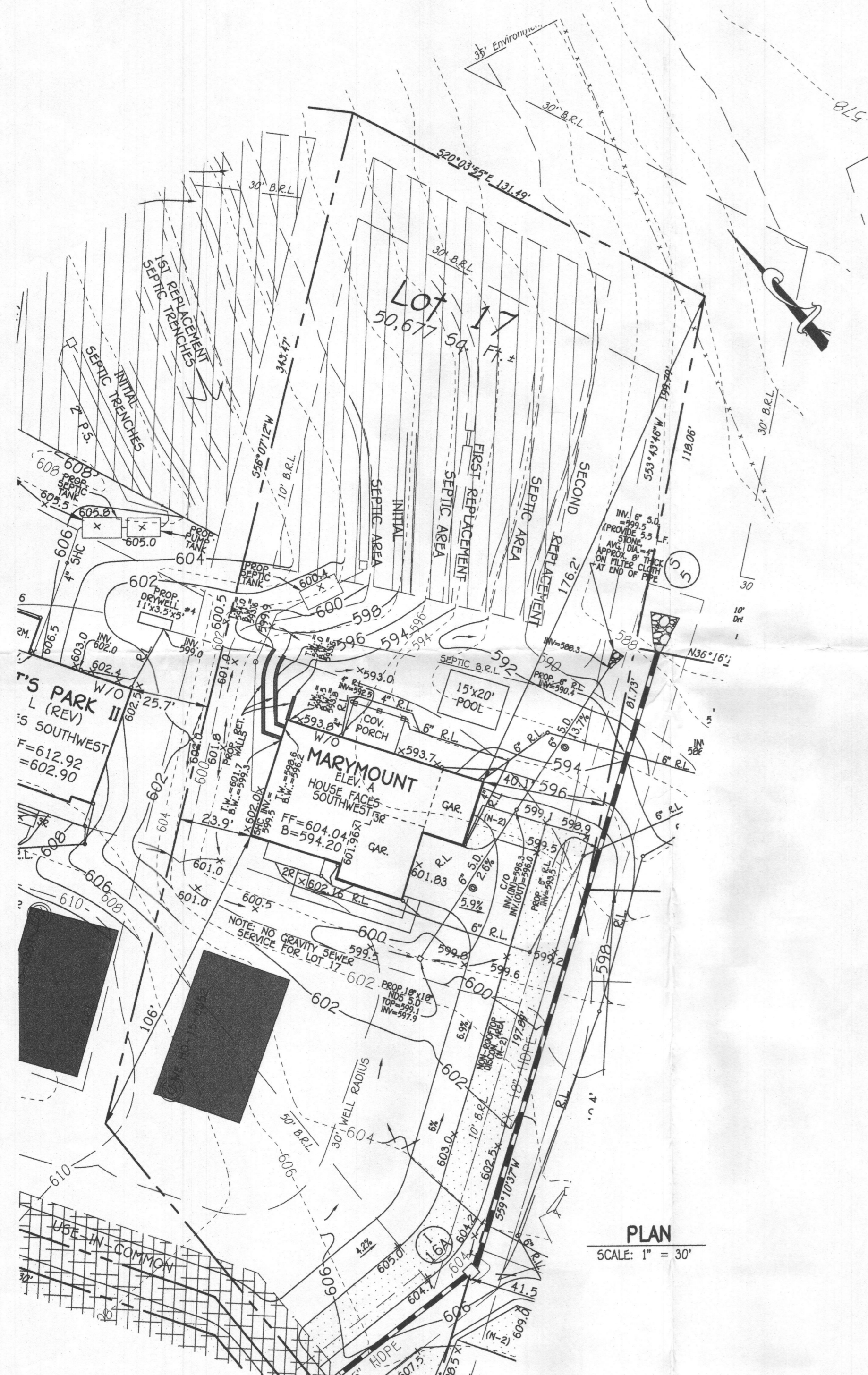
SEWAGE DISPOSAL SYSTEM DATA, DESIGN FOR 5 BEDROOMS
LOADING RATE = 5 BEDROOMS X 150 GPD/BEDROOM = 750 GPD
APPLICATION RATE = 1.2
EFFECTIVE SIDEWALL BEGINS AT 4 FEET
TRENCH DEPTH = 7 FEET
TRENCH WIDTH (W) = 3 FEET
EFFECTIVE DEPTH (D) = 3 FEET
SF OF DRAINFIELD = 750 GPD / 1.2 = 625 SF
COEFFICIENT OF REDUCTION OF TRENCH LENGTH = (W+2)/(W+1+2D) = (3+2)/(3+1+(2x3)) = .5
TRENCH LENGTH = 625 SF x 0.5 = 104.17 FEET (USE 2 TRENCHES AT 52.08 L.F.)
TRENCH SPACING = 2D+W = ((2x2.5) + 3) = 8' USE 10'

2ND REPLACEMENT SYSTEM

SEWAGE DISPOSAL SYSTEM DATA, DESIGN FOR 5 BEDROOMS
LOADING RATE = 5 BEDROOMS X 150 GPD/BEDROOM = 750 GPD
APPLICATION RATE = 0.8
EFFECTIVE SIDEWALL BEGINS AT 4 FEET
TRENCH DEPTH = 7 FEET
TRENCH WIDTH (W) = 3 FEET
EFFECTIVE DEPTH (D) = 3 FEET
SF OF DRAINFIELD = 750 GPD / 1.2 = 937.5 SF
COEFFICIENT OF REDUCTION OF TRENCH LENGTH = (W+2)/(W+1+2D) = (3+2)/(3+1+(2x3)) = .5
TRENCH LENGTH = 937.5 SF x 0.5 = 156.25 FEET (USE 2 TRENCHES AT 78.13 L.F.)
TRENCH SPACING = 2D+W = ((2x2.5) + 3) = 8' USE 10'



FFE 604.04
BSE 594.20
INV. OUT OF HOUSE = 599.5
PROP. GROUND AT CLEANOUT #1 = 601.9
INV. INTO CLEANOUT #1 = 599.40
INV. OUT OF CLEANOUT #1 = 599.35
PROP. GROUND AT CLEANOUT #2 = 601.1
INV. INTO CLEANOUT #2 = 598.25
INV. OUT OF CLEANOUT #2 = 598.20
EX. GROUND AT SEPTIC TANK = 601.90
PROP. GRADE ABOVE SEPTIC TANK = 600.4
TOP OF SEPTIC TANK = 598.65
INV. INTO SEPTIC TANK = 597.65
INV. OUT OF SEPTIC TANK = 597.40
GROUND AT DISTRIBUTION BOX = 600.2
INV. INTO DISTRIBUTION BOX = 597.2
INV. OUT OF DISTRIBUTION BOX = 597.1



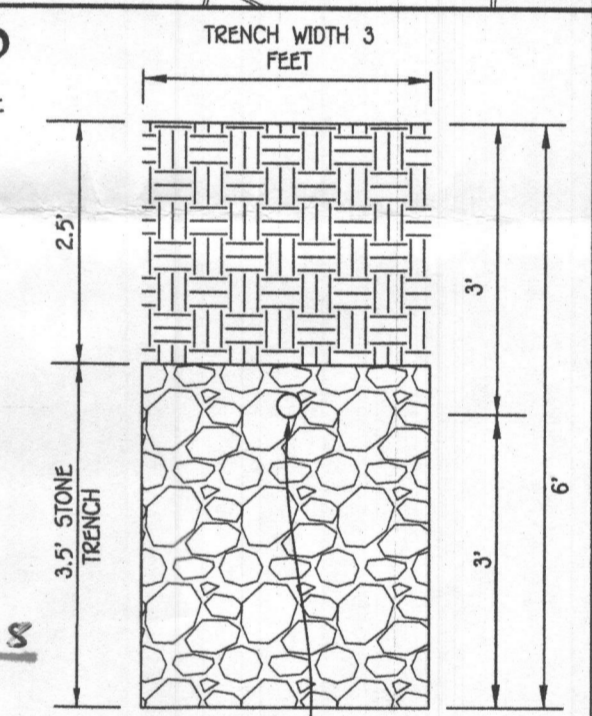
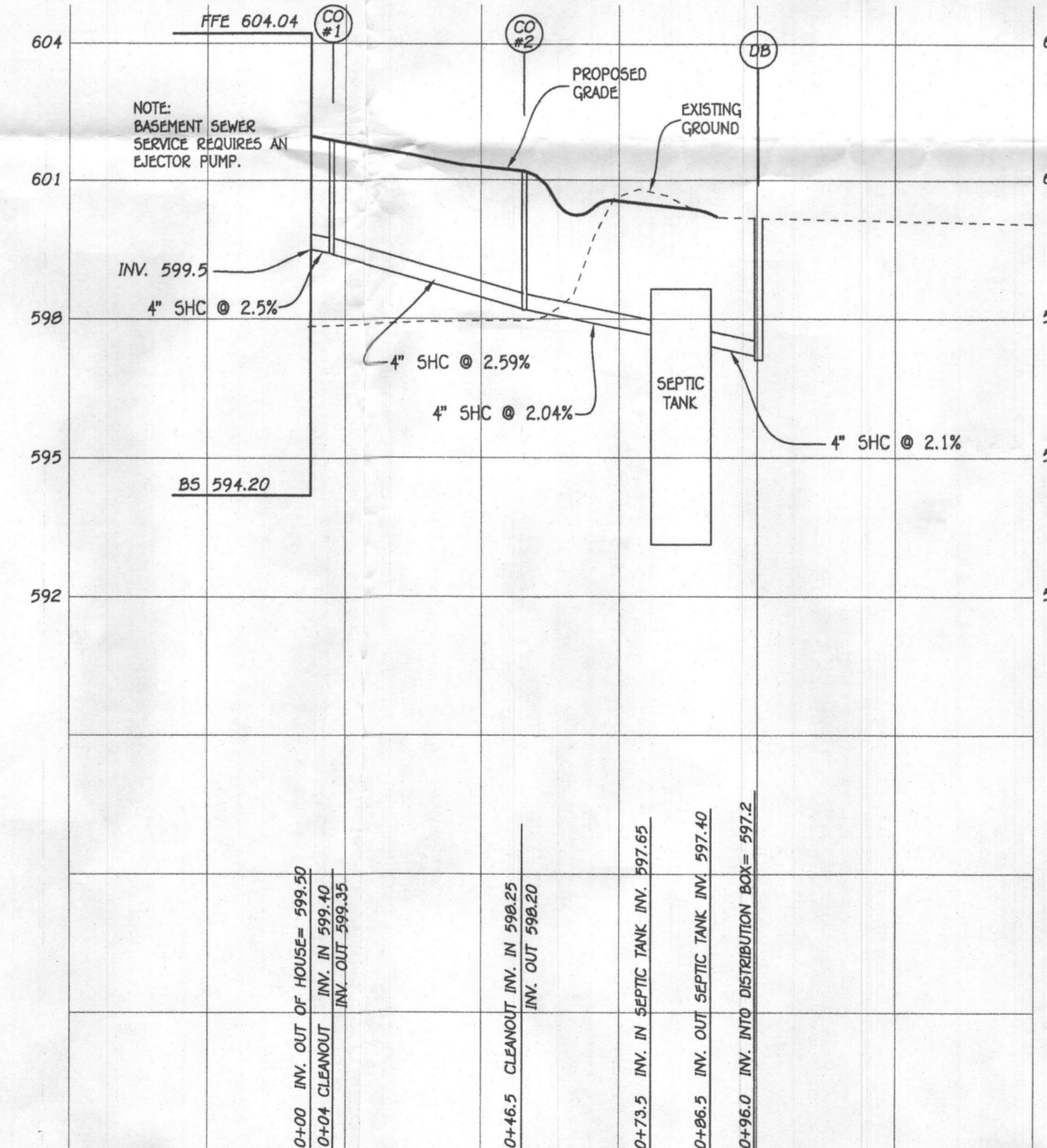
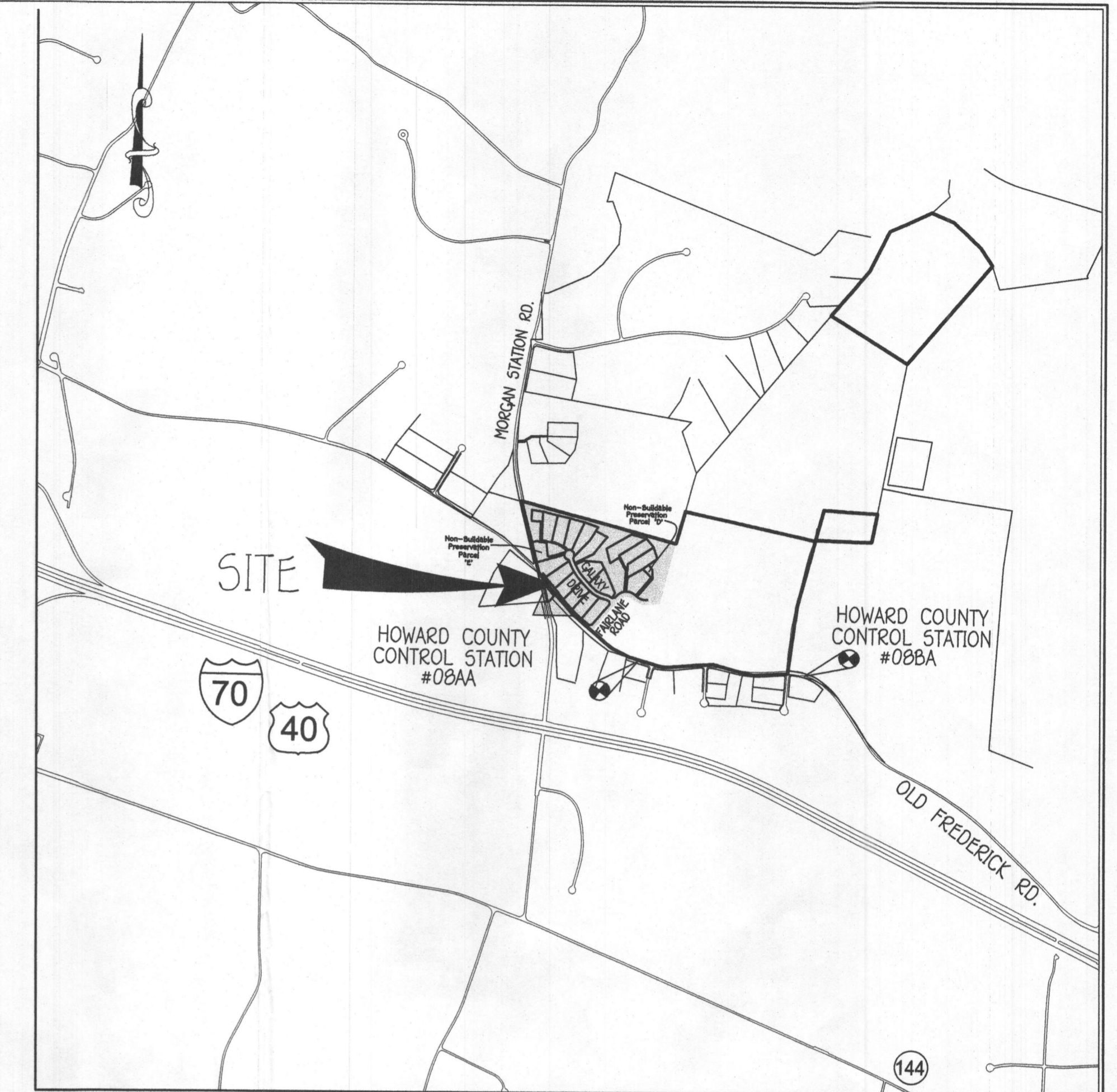
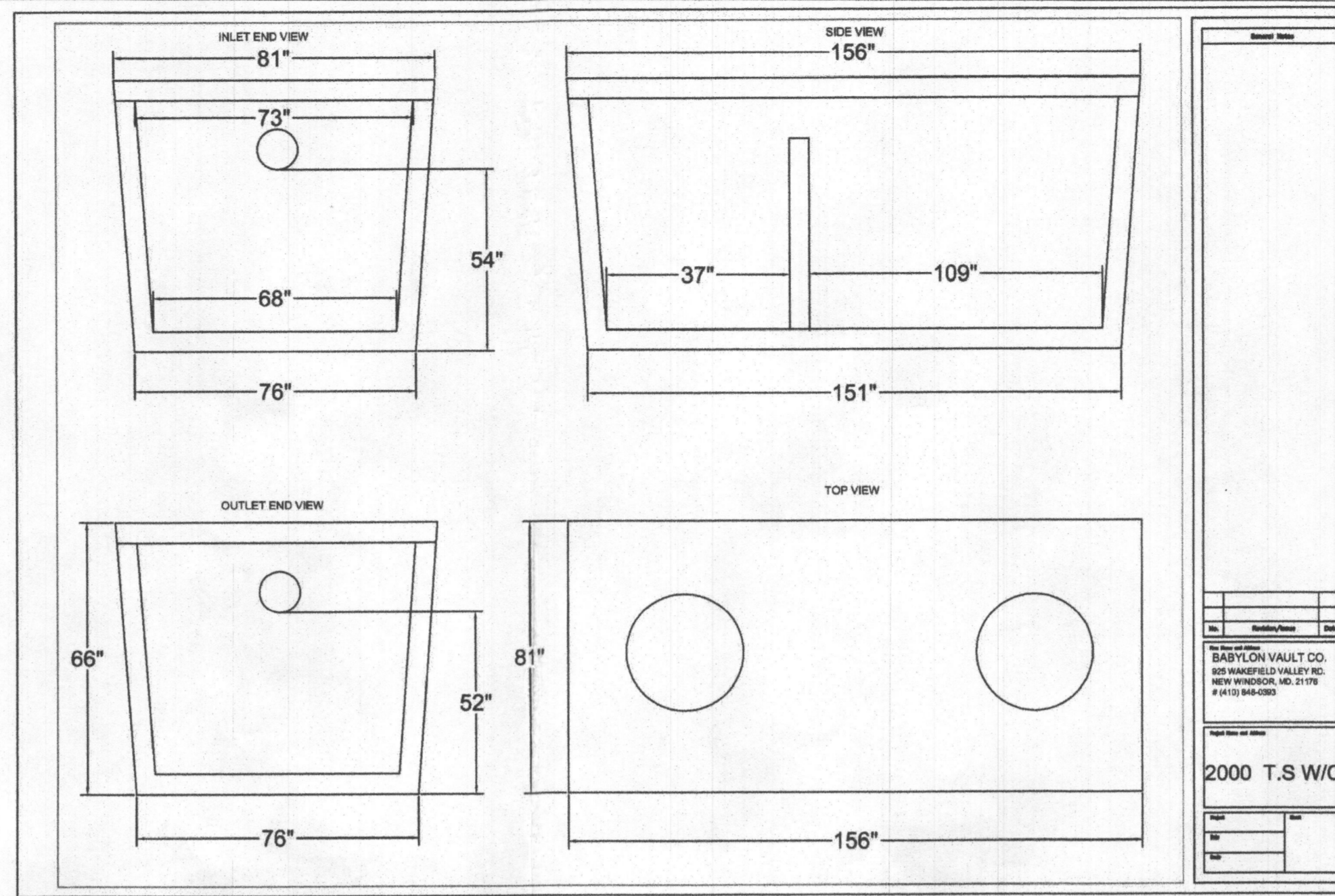
FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLSWORTH CITY, MARYLAND 21042
(410) 481-2295

OWNER/DEVELOPER
INV HOMES
9720 PATENTWOOD DRIVE
COLUMBIA, MD 21046
410-379-5956

SEPTIC PROFILE
SCALE: 1"=30'

ADDRESS CHART	
LOT NUMBER	STREET ADDRESS
17	1019 FAIRLANE ROAD

1. ANY CHANGE TO THE LOCATIONS OR DEPTHS TO ANY COMPONENTS MUST BE APPROVED BY THE ENGINEER AND THE HOWARD COUNTY HEALTH DEPARTMENT PRIOR TO INSTALLATION. A REVISED SITE PLAN MAY BE REQUIRED.
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Approved Septic System Plan
Howard County Health Department
Mark Oswald 7/23/18
Signature Date

PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DAILY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 20746, EXPIRATION DATE: 02/22/2019.

Alto Michael Vitucci
ALTO MICHAEL VITUCCI
DATE: 7/11/18

**SEPTIC SYSTEM
INSTALLATION SITE PLAN**
LOT 17
1019 FAIRLANE ROAD
FAIRLANE FARMS
PHASE ONE
ZONED: RC-DEO

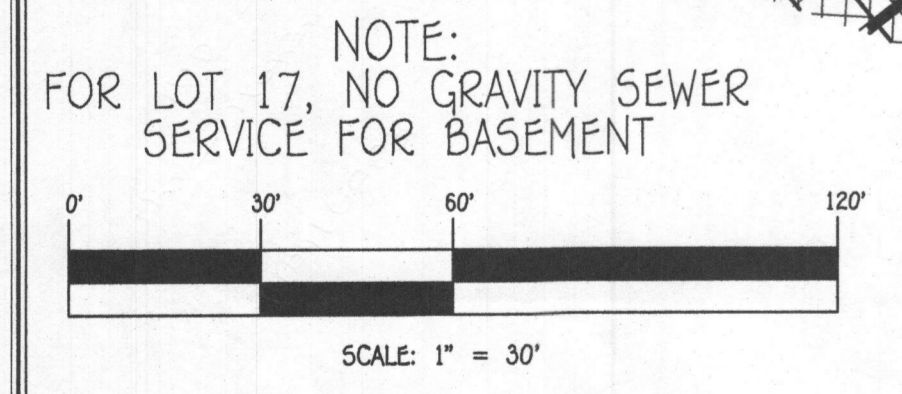
ADDRESS CHART

LOT NUMBER	STREET ADDRESS
17	1019 FAIRLANE ROAD

TAX MAP NO.: 8 GRID NO.: 2 PARCEL NO.: 8
5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1"=30' DATE: JULY 11, 2018
SHEET 1 OF 1



FFE 604.04
BSE 594.20
INV. OUT OF HOUSE = 599.5
PROP. GROUND AT CLEANOUT #1 = 601.9
INV. INTO CLEANOUT #1 = 599.40
INV. OUT OF CLEANOUT #1 = 599.35
PROP. GROUND AT CLEANOUT #2 = 601.1
INV. INTO CLEANOUT #2 = 598.25
INV. OUT OF CLEANOUT #2 = 598.20
EX. GROUND AT SEPTIC TANK = 601.90
PROP. GRADE ABOVE SEPTIC TANK = 600.4
TOP OF SEPTIC TANK = 598.65
INV. INTO SEPTIC TANK = 597.65
INV. OUT OF SEPTIC TANK = 597.40
GROUND AT DISTRIBUTION BOX = 600.2
INV. INTO DISTRIBUTION BOX = 597.2
INV. OUT OF DISTRIBUTION BOX = 597.1

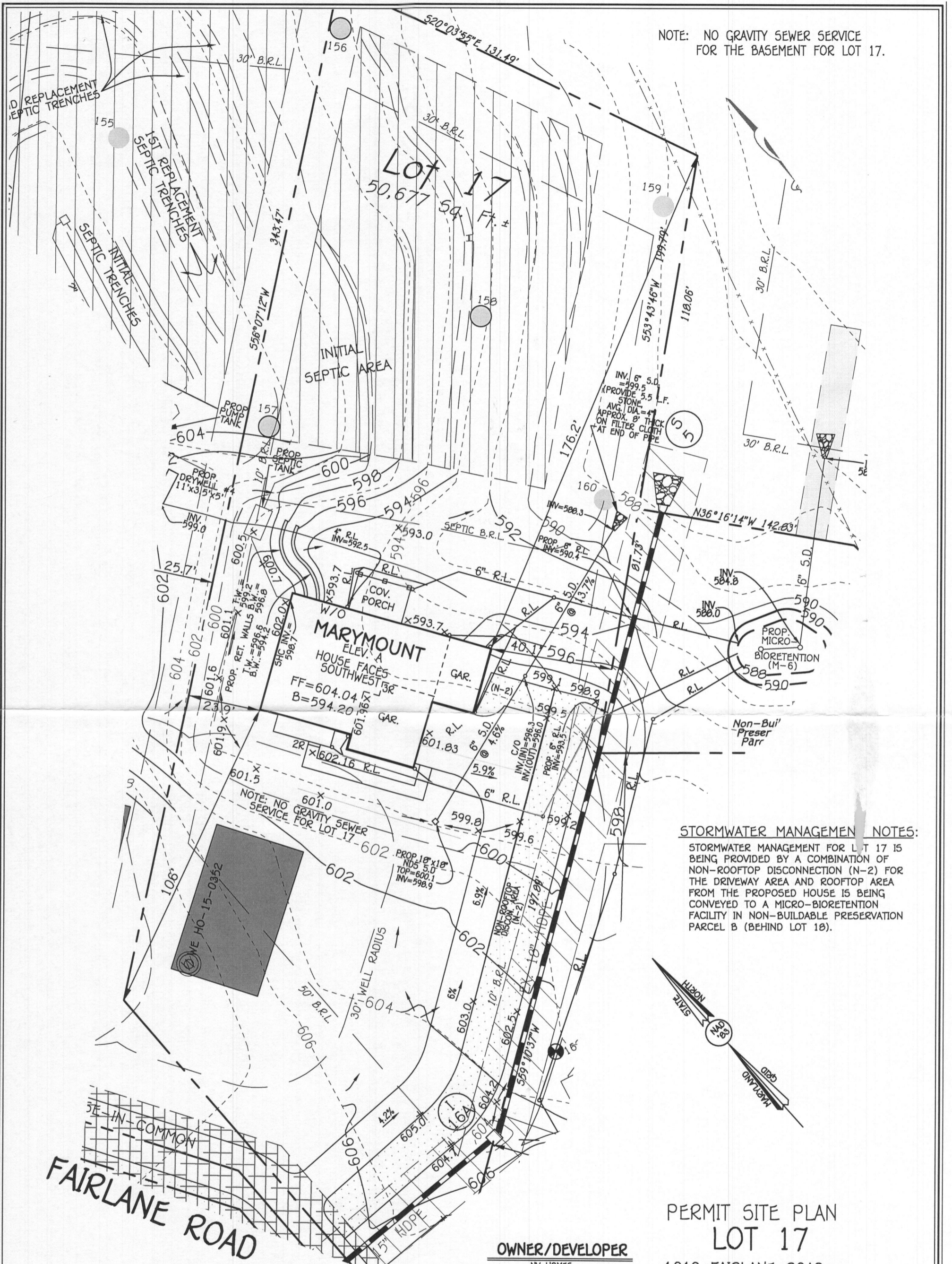


FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALDORNE NATIONAL PIKE
ELLSWORTH CITY, MARYLAND 21042
(410) 461-2200

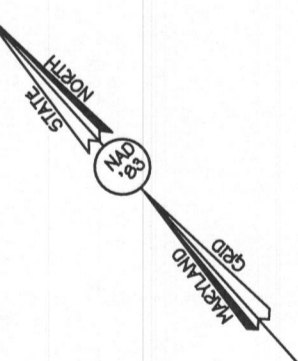
OWNER/DEVELOPER
NV HOMES
9720 PATUXENT WOODS DRIVE
COLUMBIA, MD 21046
410-379-5956

SEPTIC PROFILE
SCALE: 1"=30'

NOTE: NO GRAVITY SEWER SERVICE FOR THE BASEMENT FOR LOT 17.



STORMWATER MANAGEMENT NOTES:
 STORMWATER MANAGEMENT FOR LOT 17 IS BEING PROVIDED BY A COMBINATION OF NON-ROOFTOP DISCONNECTION (N-2) FOR THE DRIVEWAY AREA AND ROOFTOP AREA FROM THE PROPOSED HOUSE IS BEING CONVEYED TO A MICRO-BIORETENTION FACILITY IN NON-BUILDABLE PRESERVATION PARCEL B (BEHIND LOT 18).



FAIRLANE ROAD

NOTE: THE EXISTING WELL SHOWN ON THIS PLAN, HO-15-0352, HAS BEEN FIELD LOCATED BY FISHER, COLLINS & CARTER, INC., PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.

OWNER/DEVELOPER
 NV HOMES
 9720 PATUXENT WOODS DRIVE
 COLUMBIA, MD 21046
 410-379-5956

PERMIT SITE PLAN
LOT 17
 1019 FAIRLANE ROAD
FAIRLANE FARMS

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 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21042
 (410) 461-2855

PLAN
 SCALE: 1" = 30'

PHASE ONE
 ZONED: RC-DEO
 TAX MAP NO.: 8 GRID NO.: 2 PARCEL NO.: 8
 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 SCALE: 1"=30' DATE: MARCH 16, 2018
 SHEET 1 OF 1