



**Howard County
Health Department**

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: 5/21/2023 **ONSITE SEWAGE DISPOSAL SYSTEM**

P 574106

APPROVAL DATE: 9/6/2022 **PERMIT: CONSTRUCTION**

A _____

PROPERTY ADDRESS: 7040 Colt Place

SUBDIVISION: Simpson Property

LOT: 35

TAX ID: _____

CONTRACTOR: Fogles Septic

EMAIL: _____

CONTRACTOR ADDRESS: _____

PHONE: _____

CONTRACTOR CERTIFIED FOR BAT INSTALLATION: MDE

MANUFACTURER: Hornum

PROPERTY OWNER: Toll Brothers

EMAIL: Sriley1@tollbrothers.com

OWNER ADDRESS: 250 Gibraltar Road

PHONE: 410-872-9105

BAT UNIT MODEL: Norweco

PUMP SIZE: _____

PUMP TANK CAPACITY: 2000 Gallon

OPERATION & MAINTENANCE AGREEMENT

DATE SIGNED: 3-17-2023

DATE RECORDED: 3-17-2023

DISTRIBUTION SYSTEM: GRAVITY

PRESSURE DOSED

BEDROOMS: 5

APPLICATION RATE: 1.2

TRENCHES:	LINEAR FEET REQUIRED: <u>113</u>	INLET DEPTH: <u>3</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>3</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>5.5</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND BAT UNIT LOCATION MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	Electrical Permit Needed.	

ISSUED BY: Dana Bernard

ISSUE DATE: 10-28-22

EXPIRATION DATE: 10-28-23

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 SEPTIC TANKS REQUIRED

NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE AT LEAST 100 FEET DOWNGRADE 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 23001913 SP

NOTE: AN INDIVIDUAL CERTIFIED BY MDE AND THE MANUFACTURER FOR BAT INSTALLATION MUST BE PRESENT AT ALL TIMES DURING BAT INSTALLATION.

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.

NOT TO SCALE

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	25-3'	5'
NUMBER OF TRENCHES		3
TOTAL LENGTH		115'
ABSORPTION AREA		345 ft ²
DISTRIBUTION BOX LEVEL		—
DISTRIBUTION BOX BAFFLE		—
DISTRIBUTION BOX PORT		—

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL yes

MANUFACTURER Beck river

CAPACITY TNT LP 750 GAL

SEAM LOC Top

TANK LID DEPTH _____

BAFFLES no

BAFFLE FILTER _____

MANHOLE LOC front middle back

6" PORT LOC _____

WATERTIGHT TEST _____

SLOTTED _____

DATE ON LID 3/31/2023

PUMP/SEPTIC TANK LEVEL _____

MANUFACTURER B. by 1000

CAPACITY 2000 GAL

SEAM LOC dip

TANK LID DEPTH 2.5'

BAFFLES back

BAFFLE FILTER _____

MANHOLE LOC front & back

6" PORT LOC _____

WATERTIGHT TEST _____

SLOTTED _____

DATE ON LID 3/2/23

See separate
Sheet For
As-build

ROAD NAME

PRE-CONSTRUCTION:

5/17/2023- SDA staked. BAI & Pump tank staked, >20' from foundation. Saw basement sewer, location per plan. Vertical fall from house to tank. Part of 1, 6" lower than contour. Moved 1, down 2'. Elevation per plan ±2" difference. Moved 1 down 2' Elevation per plan. Distance between 1, & 1, 11'-13'. trench length & lateral per plan for 1 & 1. 1, elevation per plan. trench length & lateral per plan for 1, 2. FM & Manifold staked. (SP)

INSTALLATION: 5/18/2023 - Upper trenches installed. inlet & width per plan. installed backfilled 1, 2, only saw beginning of trench. Backfilled due to space constraints. Saw 1st tank, 2nd tank set water today. Gave ok to backfill 1. (SP)

5/19/2023 - 1, 2 installed. inlet & width per plan. Front line installed. SCMD 40 used 1%. Fall achieved. BAI tank has 4' of cover on one side, builder cutting grade so there should be 2.5' of cover on tank during P & A. FM 2" 260 PSI.

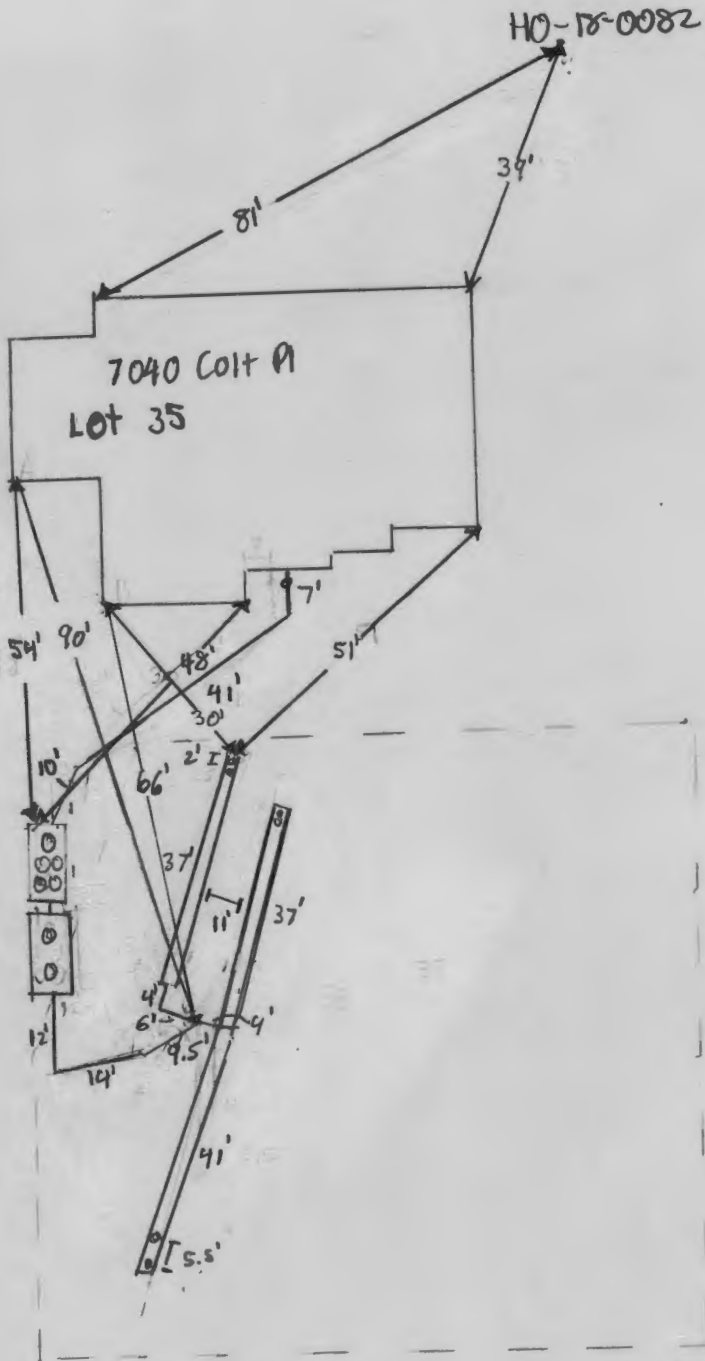
Recompact for P & A. (SP) 8/16/2023 - Alarm outside of house, Audio & visual good. lower trench distal head @ 34", upper left @ 34" upper right @ 32". (SP)

FINAL INSPECTOR

K.P. [Signature]

DATE OF APPROVAL

8/9/6/2023



SCALE 1" = 30'



BACK RIVER PRE-CAST, LLC
 PO BOX 329
 GLYNDON, MD 21071
 PH# 410-833-3394

NORWECO CERTIFICATION

PROPERTY OWNER: TOLL MID-ATLANTIC	INSTALLATION COMPANY: FOGLES SEPTIC
ADDRESS: 7040 COLT PLACE	CERTIFIED INSTALLER: JAMIE DEAVERS
CITY, ZIPCODE & COUNTY: DAYTON, 21036, HOWARD	PERMIT#
SIZE OF SYSTEM INSTALLED:	DATE INSTALLED: 05-18-23
600 GPD CONCRETE	START-UP DATE: 08-21-23
NUMBER OF BEDROOMS:	DATE OF FINAL INSPECTION:
TYPE OF INSTALLATION: NEW	DATE OF ELECTRICAL INSPECTION:
ELECTRICAL WIRING PER ELECTRICAL INSTRUCTIONS: YES	TANK LEVEL: YES
HT. OF CONTROL PANEL ABOVE FINAL GRADE: 42"	BURIAL DEPTH OF TANK: 36"
SYSTEM WIRED ON A 15-AMP DEDICATED CIRCUIT WITH STD. BREAKER: YES	RISERS 4" - 6" ABOVE GRADE: YES
LENGTH(S) OF UF WIRE PAST LAST AERATION RISER(S): 30"	VENTED LID(S) ON AERATION CHAMBER(S): YES
FEMALE PLUG(S) WIRED TO UF WIRE: YES	ANY GROUND SETTLING AROUND TANK: NO
CONDUIT(S) ENTERING AERATION RISER MADE WITH A WATERTIGHT CONNECTION: YES	
ISTHE INSIDE OF THE CONDUIT ENTERING THE CONTROL PANEL(S) AND AERATION RISER(S) SEALED WITH DUCT SEAL: YES	

ON 2ND PAGE MAKE A ROUGH SKETCH OF THE HOUSE ,WHERE THE SYSTEM IS LOCATED, WHERE THE CONTROL PANEL IS LOCATED , WHERE THE FRONT OF THE IS AND DIRECTIONS TO THE PROPERTY.

DIRECTIONS CAN START A FEW STREETS AWAY

EXAMPLE: RT. X LEFT ONTO XX STREET RIGHT ONTO PRIVATE DRIVEWAY 5TH HOUSE OF THE LEFT.

I certify that the Norweco Singlair TNT Wastewater Treatment System was installed according to the manufacture's specifications.

Matthew Geckle

August 21, 2023

Signature of BRP Representative

Vice-President

Date

LOT 35

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

**OPERATION AND MAINTENANCE AGREEMENT
FOR AN ON-SITE SEWAGE DISPOSAL SYSTEM
HAVING AN ADVANCED PRE-TREATMENT SYSTEM**

THIS AGREEMENT is made this 15th day of March, among SRINIVASA RAO DAMA
HIMABINDU MADHURI, hereinafter collectively referred to as
"Owner", and the Howard County Health Department hereinafter referred to as the "County".

WHEREAS, Owner is the owner or contract owner of a parcel of land located at
Lot 35, 7040 Colt Place, Dayton, MD 21036, in the 5th Election District of Howard
County, Maryland, and the deed and subdivision plat of the property is recorded among the Land
Records of Howard County, Maryland, Tax Map # 27, Block # 18, Parcel # 56, Deed
Reference # 2550009 and Tax Account # 603023 ("the Property").

WHEREAS, The Property is suitable for the installation of a conventional on-site sewage
disposal system with an advanced pre-treatment system, utilizing best available technology to
perform nitrogen reduction, in accordance with the Code of Maryland Regulations 26.04.02.07,
effective November 24, 2016. The pre-treatment device being installed is

Norsweco Model T.VTLP-7506PD

NOW, THEREFORE, the parties hereto agree as follows:

A. Owner hereby grants to the County the right to enter upon the Property at any reasonable time with prior notice for access to the system to make periodic inspections and the Owner agrees to provide any information and data in Owner's possession reasonably requested and needed by the County.

B. Owner acknowledges and agrees that neither the County nor any of its agents or employees, either officially or individually, underwrites the operation of any system approved by them.

C. The Owner will devote reasonable care and effort to the operation and maintenance of the system in perpetuity or until a public sewer connection is made so that a system malfunction is not the result of poor maintenance, faulty operation, or neglect.

D. The Owner agrees to enter into a contract reasonably acceptable to the Owner and the County with a private entity to operate and maintain on a regularly scheduled basis an approved advanced pre-treatment system. The owner shall supply a copy of the contract to the County when it is renewed or altered.

E. This agreement shall run with the land and upon Owner's taking title to the Property shall bind the Owner, their heirs, successors, and assigns to the provisions of the agreement as long as

the property is in existence and after installation of the system. Owner further agrees that they shall inform in writing any subsequent purchaser or lessee of the Property that the system shall require maintenance or other attention. Upon taking title to the Property, the Owner agrees to cause this agreement to be recorded in the Land Records of Howard County and assure that it becomes part of the Deed for the subject property in order that prospective buyers may be aware of the special conditions affecting this property.

F. This agreement shall not be construed to limit any authority of the County to protect the public health, safety or comfort or to issue any other orders to take any other action which is now or may hereafter be within its authority.

G. This agreement may be voided at any time at the discretion of the County.

H. This agreement contains the entire agreement and understanding between the County and the Owner. There are no additional terms other than as contained in this agreement. This agreement may not be modified, except in writing signed by each of the parties or by their authorized representatives.

I. The laws of the State of Maryland govern the provisions of all transactions pursuant to this agreement.

J. Owner acknowledges and agrees that interior renovations to increase the number of bedrooms or an increase in living space shall not be permitted without approval from the County.

IN WITNESS WHEREOF, the parties have signed this agreement on the date indicated above.

[Signature] 3/17/23
Howard County Health Department

[Signature] 3/15/2023
Owner #1 Signature Date

[Signature] 3/15/2023
Owner#2 Signature Date

SRINIVASA RAO DAMA
Owner #1 Print Name

HIMABINDU MADINENI
Owner #2 Print Name

Buyer #1 Signature Date

Buyer #2 Signature Date

Buyer #1 Print Name

Buyer #2 Print Name

John Hieatzman

From: Rose Borisow <rose@cerensbergerbuilder.com>
Sent: Friday, April 21, 2023 10:53 AM
To: John Hieatzman
Subject: Fwd: CATTAIL RIVER DRIVE - LOT#10 SEPTIC DESIGN

Rose Borisow

Executive Assistant



1 South Main St. Woodsboro, MD 21798
Direct (301)252-3453
MHIC #130127
MHBR #6677

Check us out on the web at www.CERensbergerBuilder.com
Like us on FaceBook too at <http://facebook.com/CERensbergerandFamilyBuilder>
And share ideas with us on HOUZZ at <http://www.houzz.com/pro/cerensbergerandfamilybuilder/public>

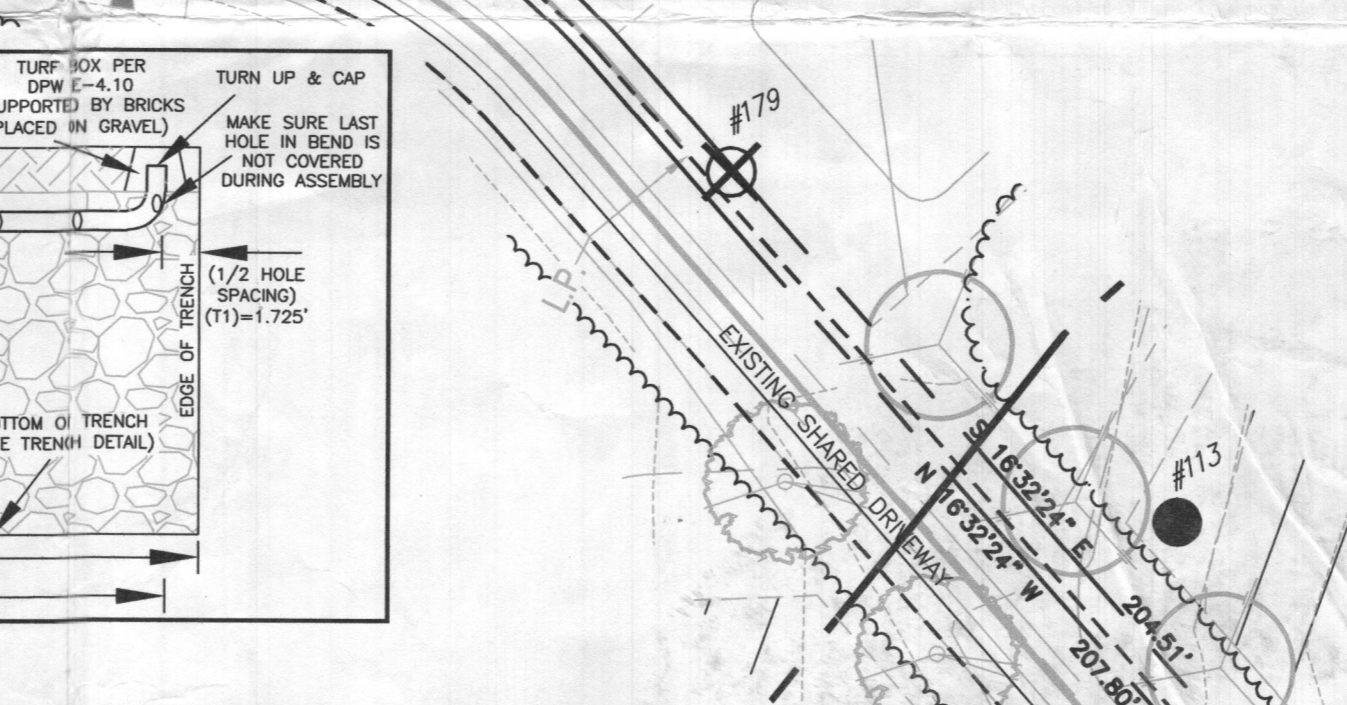
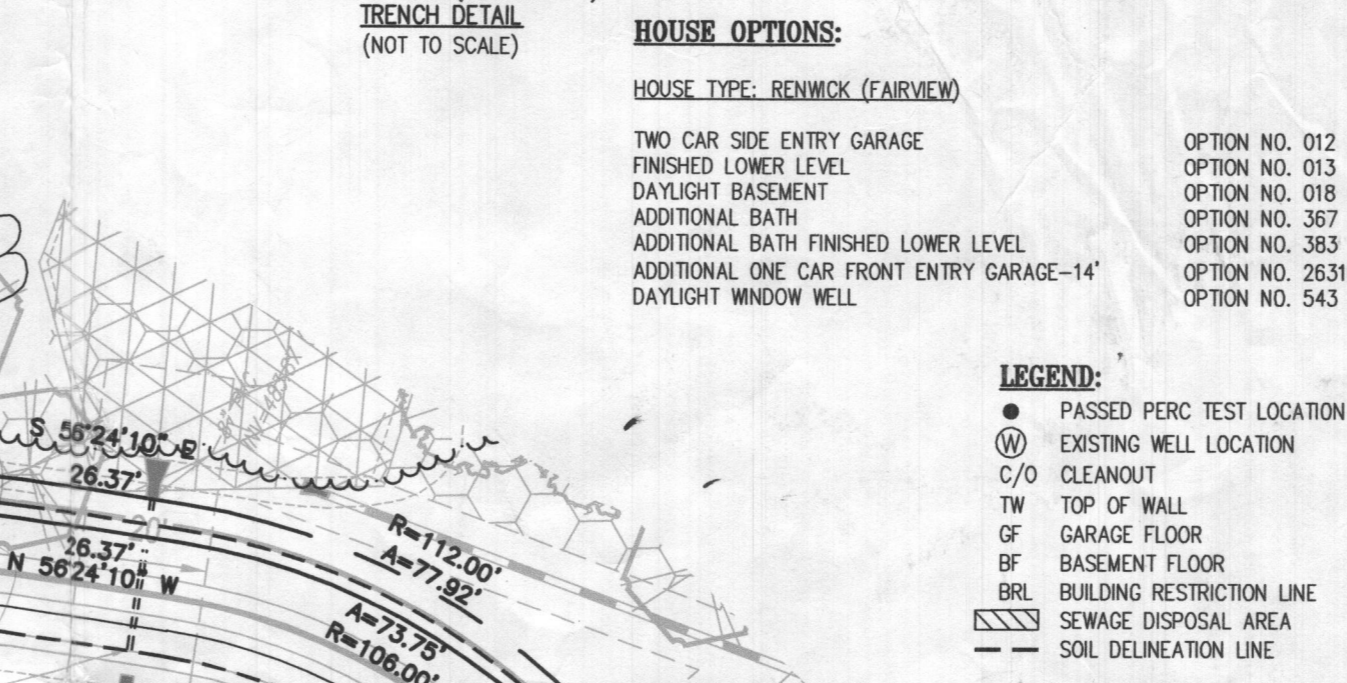
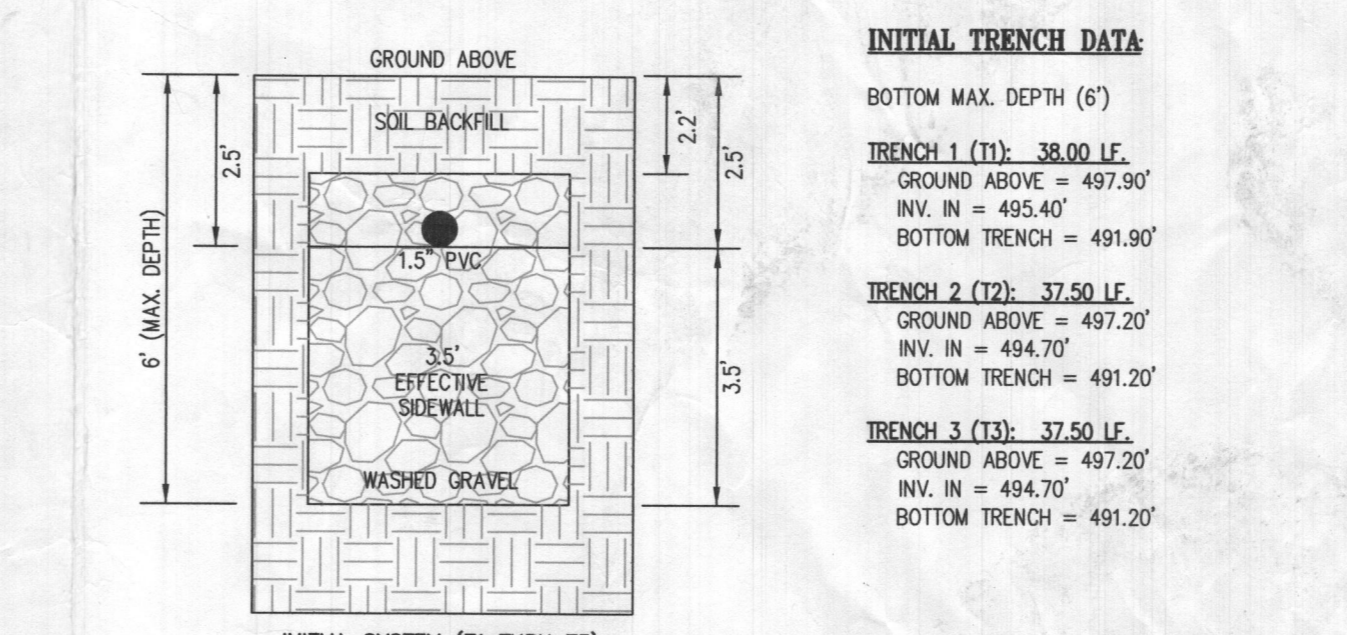
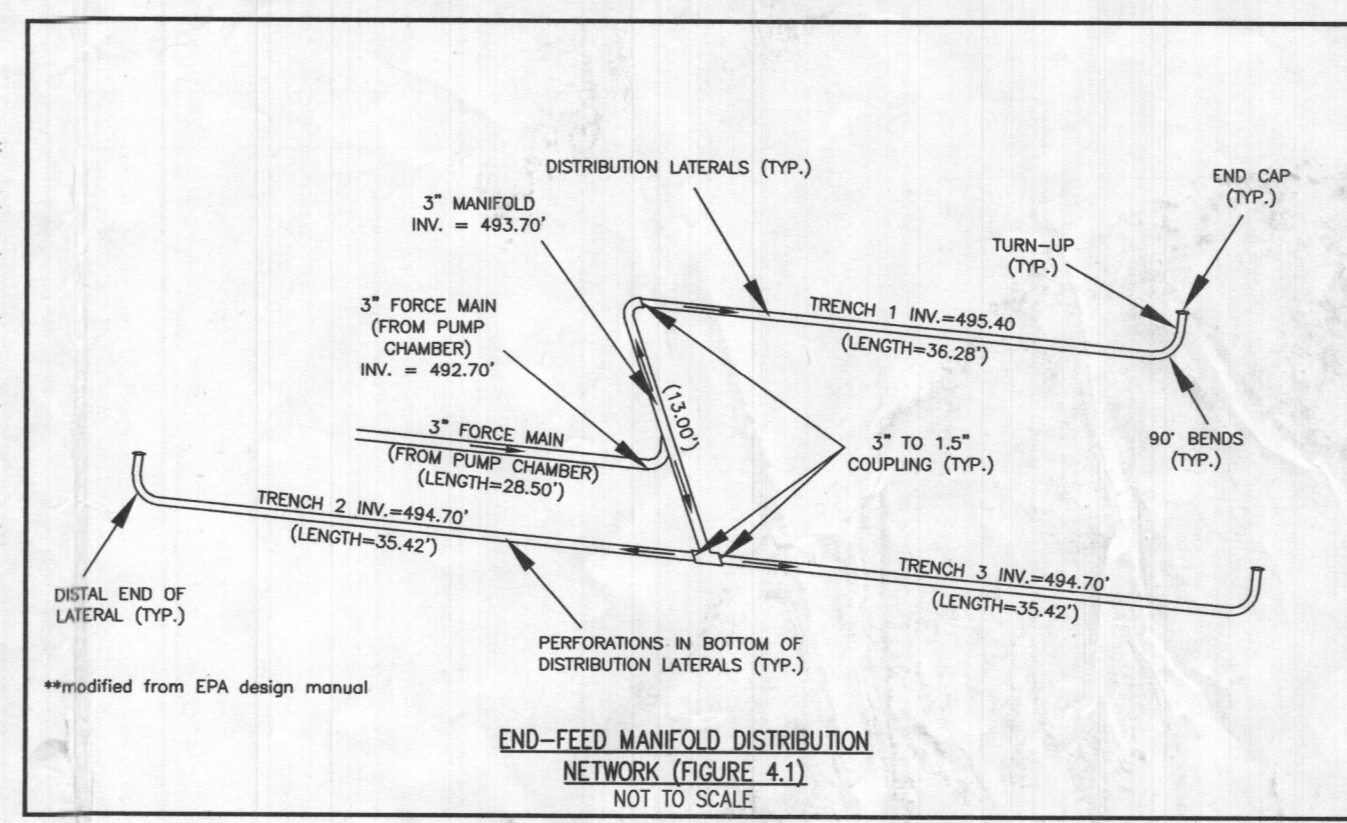
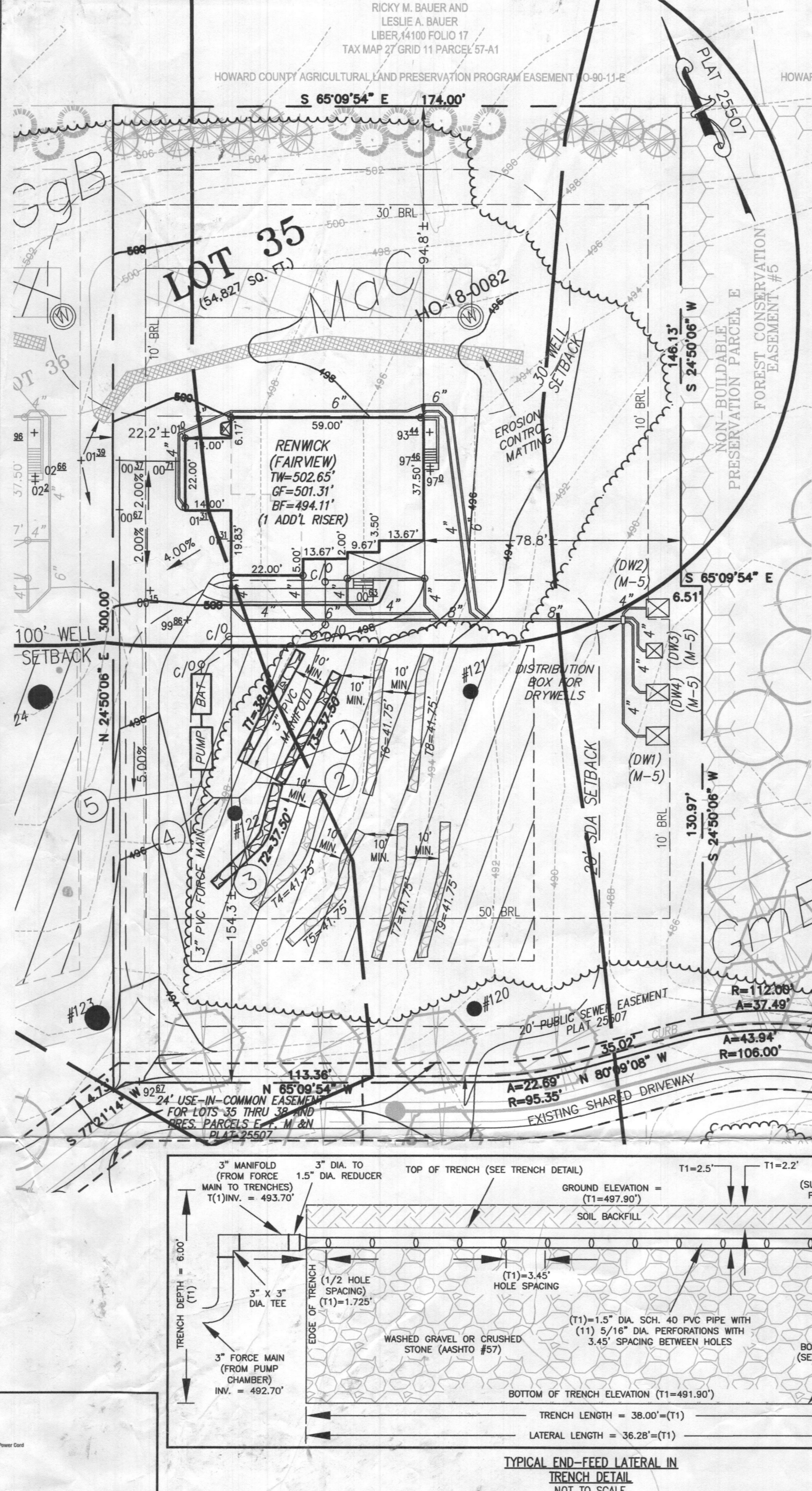
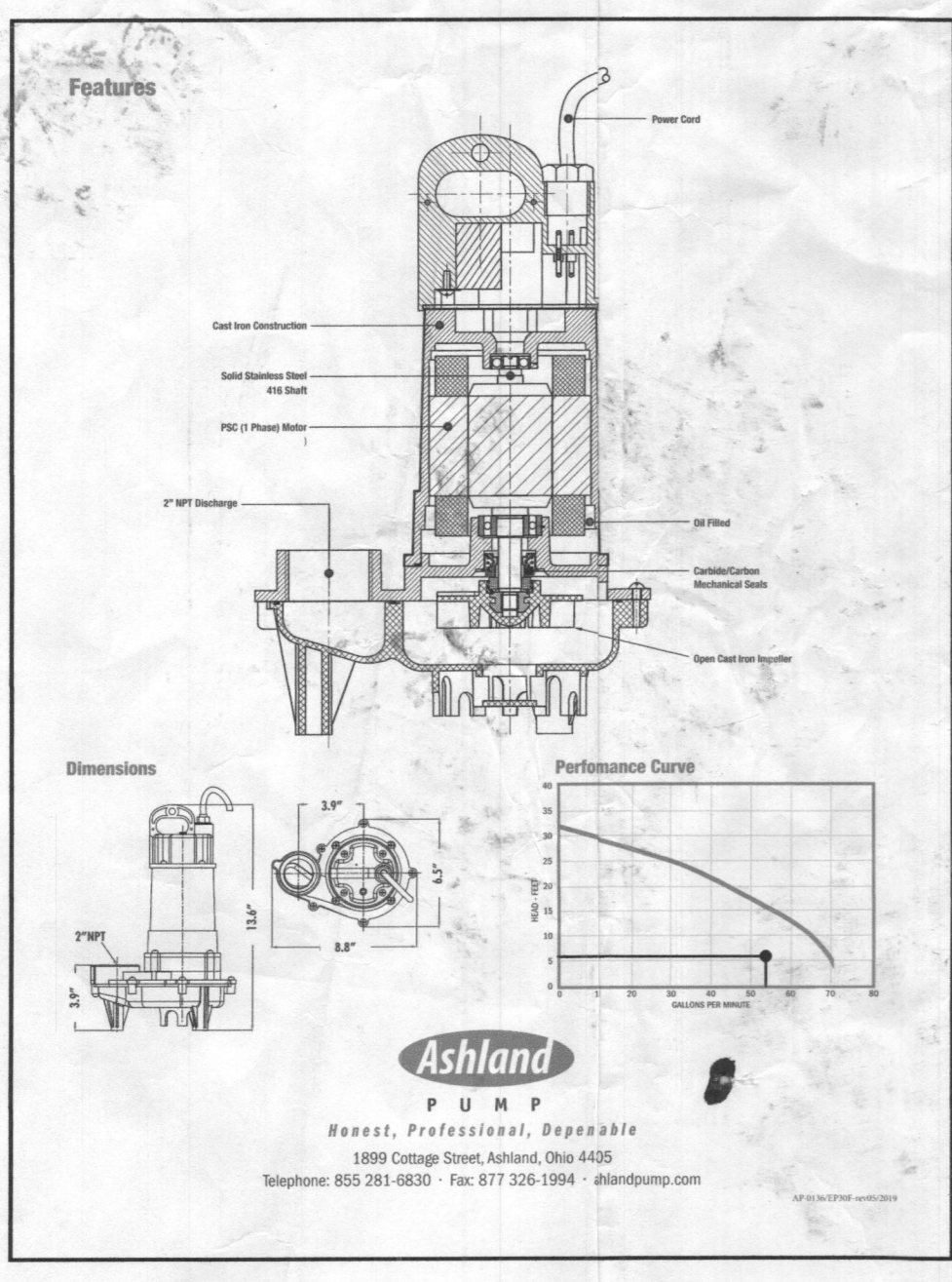
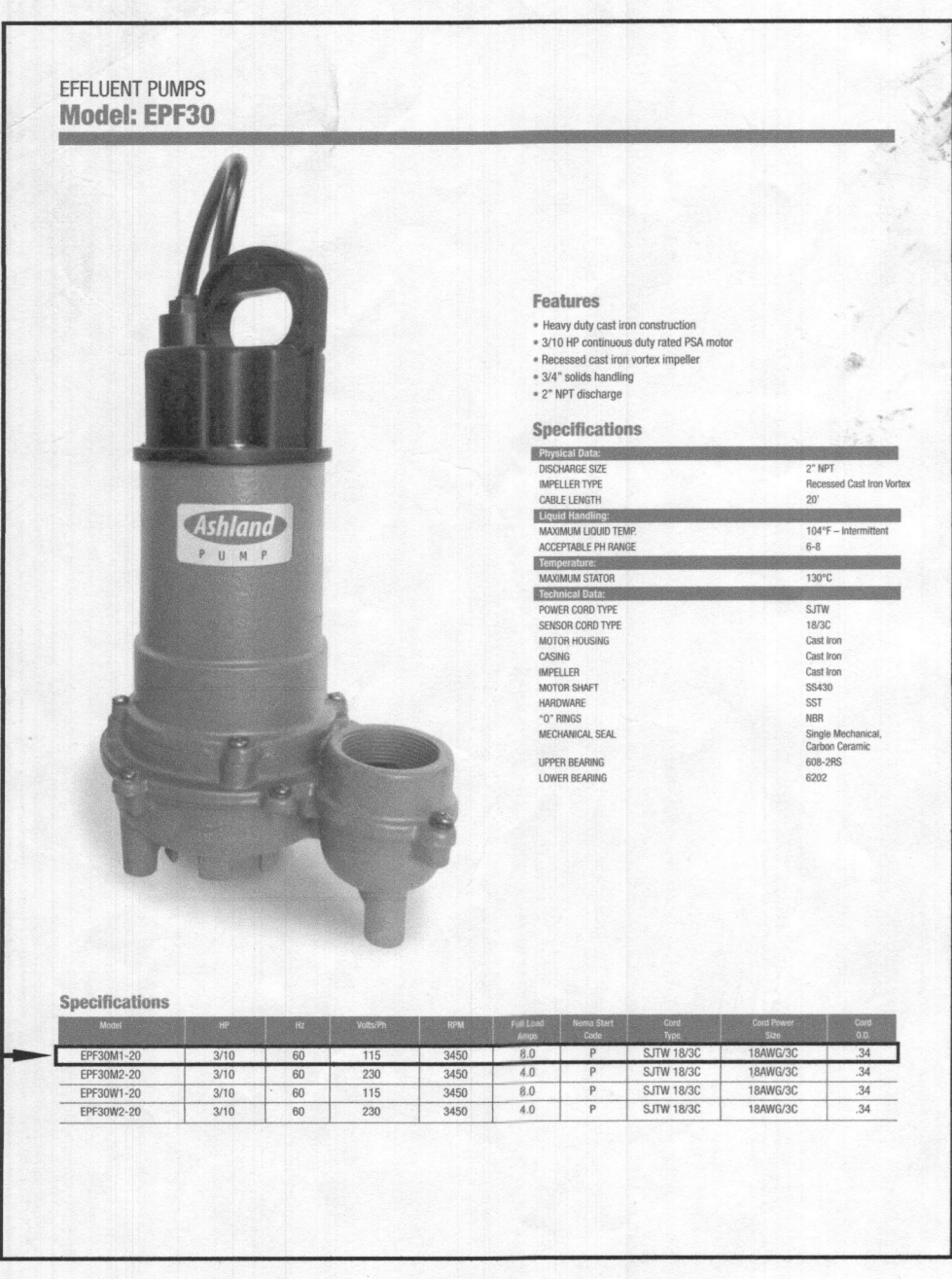
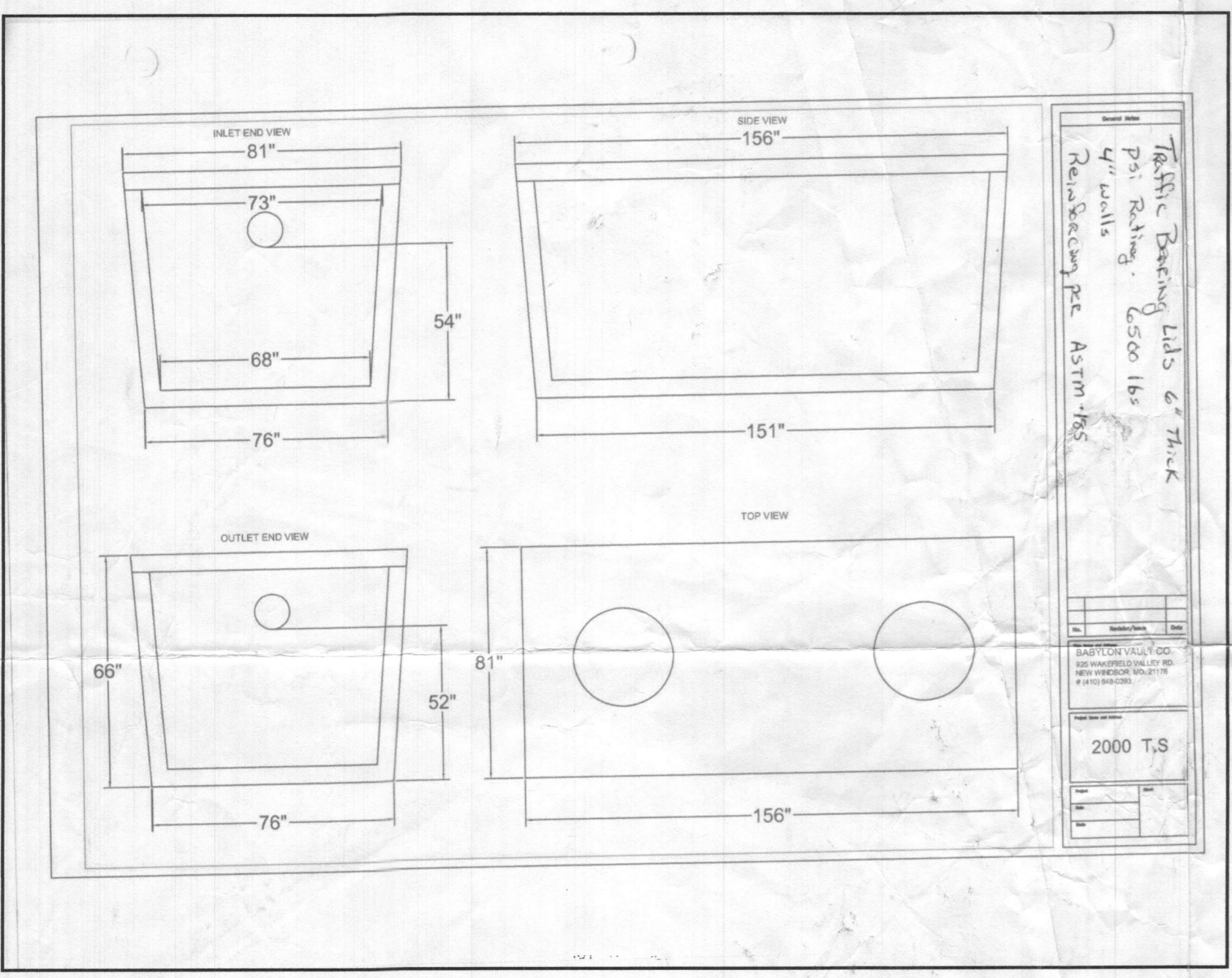
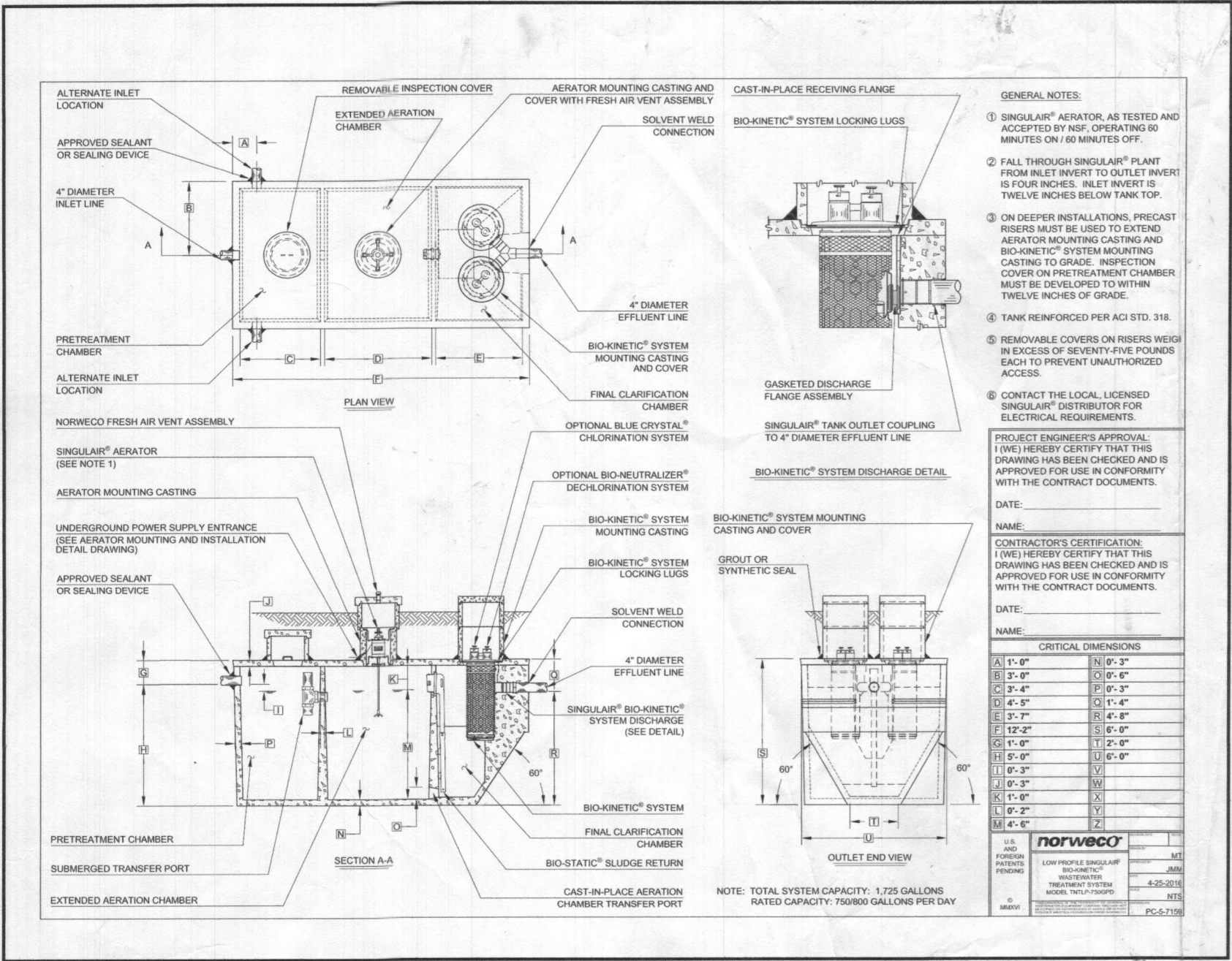
----- Forwarded message -----

From: Williams, Jeffrey <jewilliams@howardcountymd.gov>
Date: Fri, Apr 21, 2023 at 10:43 AM
Subject: RE: CATTAIL RIVER DRIVE - LOT#10 SEPTIC DESIGN
To: Rose Borisow <rose@cerensbergerbuilder.com>, Adam Browning <abrowning@pennstrail.com>
Cc: Silvast, Zackary <zsilvast@howardcountymd.gov>, Wolf, Kevin <KWolf@howardcountymd.gov>, agconstruction555@gmail.com <agconstruction555@gmail.com>

You can use this email as confirmation we need to install the septic first. This is also listed in the file. Please also note that we will visit the site next week to determine soil moisture. We will need the mound areas staked out and fenced off by Monday for that to happen. Please also note that if the soil is not yet ready, we will not be able to issue the permit for a 5/1 start. We will let everyone know once we've done the soil check next week. The installer can come pay whenever they are ready, but we cannot issue the permit until the soil is ready.
Thanks

Jeff

From: Rose Borisow <rose@cerensbergerbuilder.com>
Sent: Friday, April 21, 2023 10:31 AM



LOW PRESSURE DISTRIBUTION SYSTEM CALCULATIONS

NUMBER OF MANIFOLDS = 1
 MANIFOLD TYPE = END FEED
 DESIGN FLOW = 900 GPD
 PUMP OFF ELEV. = 492.96'
 INV. OUT PUMP TANK = 495.25'
 PUMP BOTTOM ELEV. = 491.75'
 PUMP SELECTED = 3/10 HP

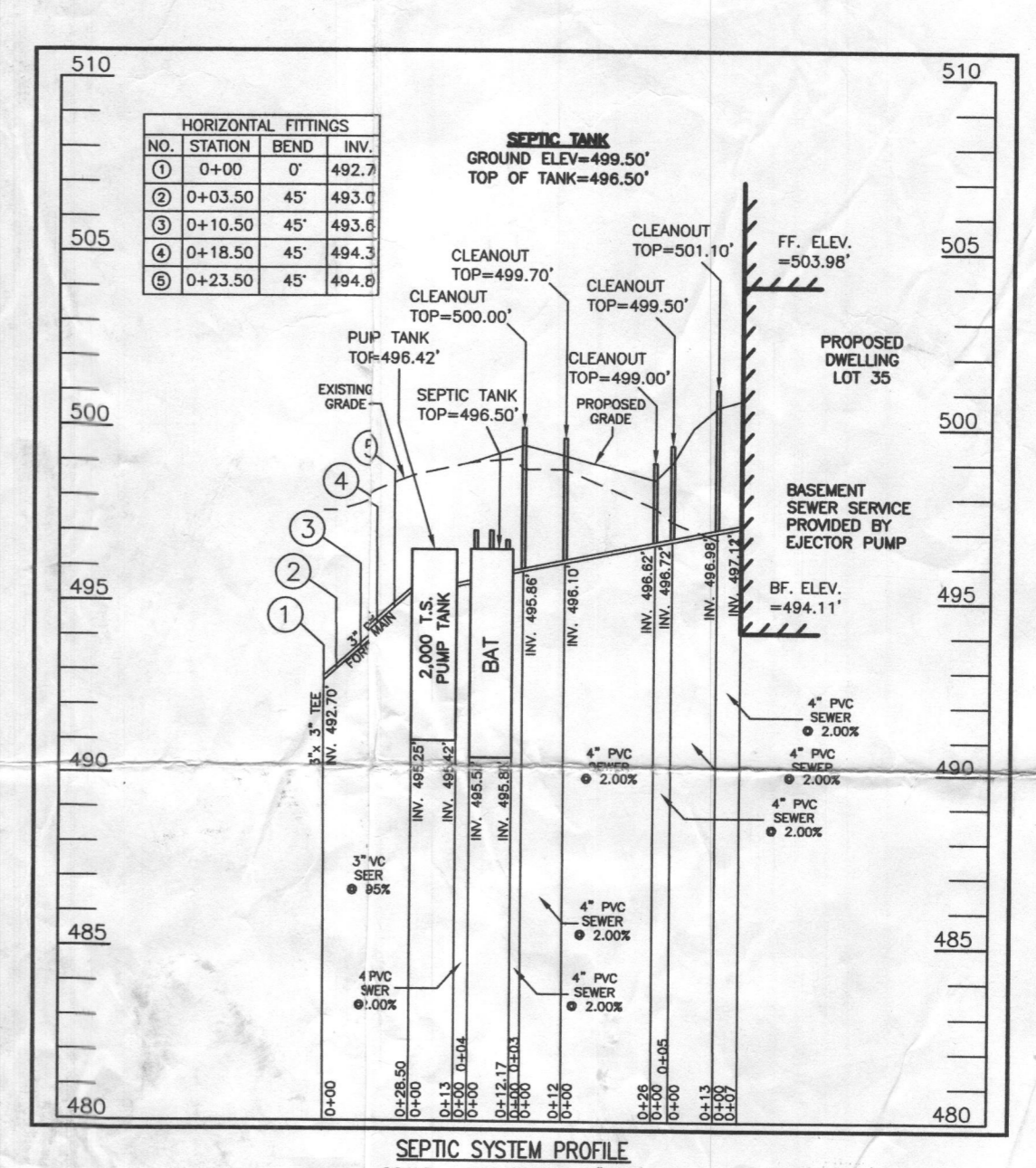
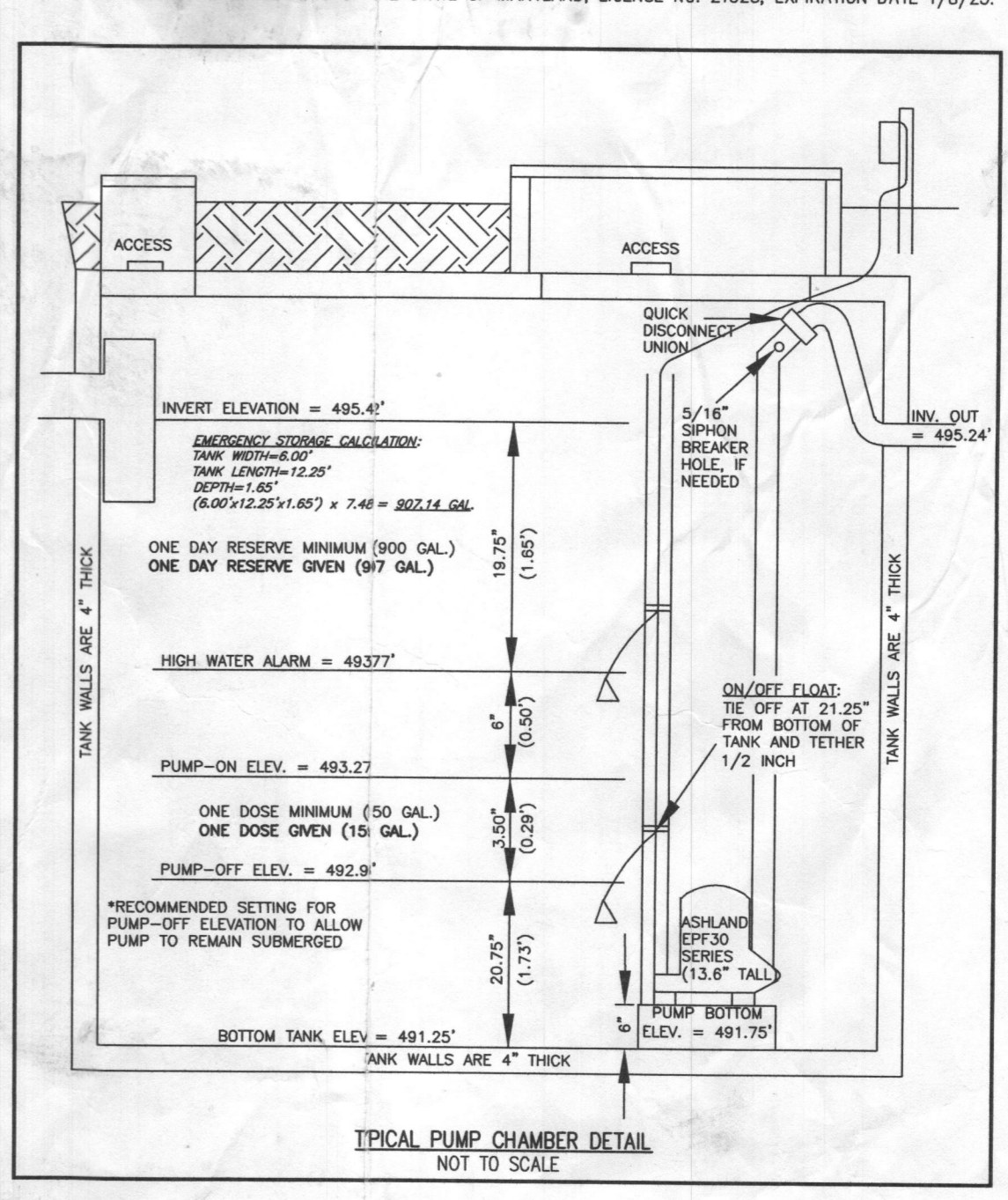
TRENCH	TRENCH LENGTH (FT)	FEED	PIPE INV. (FT)	HEAD (FT)	HOLE DIA. (IN)	HOLE FLOW RATE (GPM)	HOLE SPACING (FT)	#HOLES	TRENCH FLOW RATE (GPM)	LATERAL LENGTH (FT)	FLOW PER LF TRENCH (GPM)	GL. PER LF TRENCH (GPM)	LATERAL DIA. (IN)	TYPE
1	38.00'	END	495.40	2	5/16	1.63	3.45	11	17.93	36.28	0.47	1.5	SCH40	
2	37.50'	END	494.70	2.7	5/16	1.99	4.17	9	17.91	35.42	0.48	1.5	SCH40	
3	37.50'	END	494.70	2.7	5/16	1.99	4.17	9	17.91	35.42	0.48	1.5	SCH40	

MIN. SYSTEM DISCHARGE RATE = 53.75 GPM
 MANIFOLD DIAMETER = 3 IN.
 FORCE MAIN DIAMETER = 3 IN.
 MINIMUM DOSE = 150 GAL.

CALCULATE TOTAL DESIGN HEAD

LENGTH OF FM FROM PUMP TANK TO MANIFOLD = 28.50'
 # OF (45°) BENDS IN FM = 4 (ADD 6' PER BEND) = 24'
 # OF (90°) BENDS IN FM = 1 (ADD 10' PER BEND) = 10'
 LENGTH OF MANIFOLD FROM FM TO TRENCHES = 13.00'
 # OF (45°) BENDS IN MANIFOLD = N/A (ADD 6' PER BEND) = N/A
 # OF (90°) BENDS IN MANIFOLD = 3 (ADD 10' PER BEND) = 30'
 # OF COUPLINGS (3" TO 1.5") = 3 (ADD 3' PER COUPLING) = 9'
 TOTAL LENGTHS = 41.50'
 TOTAL ADD. LENGTHS = 73' TOTAL PIPE / FRICTION LOSS = 114.50'
 (53.75 GPM @ 3" PVC = 0.81 PER 100' PIPE; 0.81 / 100' = 0.0081 x 114.50' = 0.927')

FRICTION HEAD = 0.93' FT. (PER ABOVE CALCULATION)
 OPERATING HEAD = 2.00' FT.
 STATIC HEAD = 2.42' FT. (HIGHEST POINT IN DISTRIBUTION SYSTEM - PUMP OFF FLOW ELEVATION)
 TOTAL DYNAMIC HEAD = 5.35' FT. (FRICTION HEAD + OPERATING HEAD + STATIC HEAD)
 THEREFORE A PUMP CAPABLE OF DELIVERING AT LEAST 53.75 GPM AGAINST 5.35' OF HEAD IS REQUIRED.
 EPF30M1-20, 3/10 H.P. IS EFFICIENT



SOILS LEGEND

SOIL	NAME	CLASS	Kw
GgB	GLENNVILLE LOAM, 3 TO 8 PERCENT SLOPES	B	28
GgB	GLENNVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES	C	43
McC	MANOR LOAM, 8 TO 15 PERCENT SLOPES	B	28

SEPTIC TRENCH SIZE CALCULATIONS

SYSTEM INPUT INFORMATION	INITIAL SYSTEM	1ST REPLACEMENT SYSTEM	2ND REPLACEMENT SYSTEM
APPLICATION RATE (GVN)	1.2	1.2	1.2
EFFECTIVE AREA BEGINNING DEPTH (GVN)	2.5	3	3
BOTTOM MAXIMUM DEPTH (GVN)	6	6	6
NUMBER OF BEDROOMS	6	6	6
DESIGN FLOW (@ 150 GAL./DAY/BEDROOM)	900	900	900

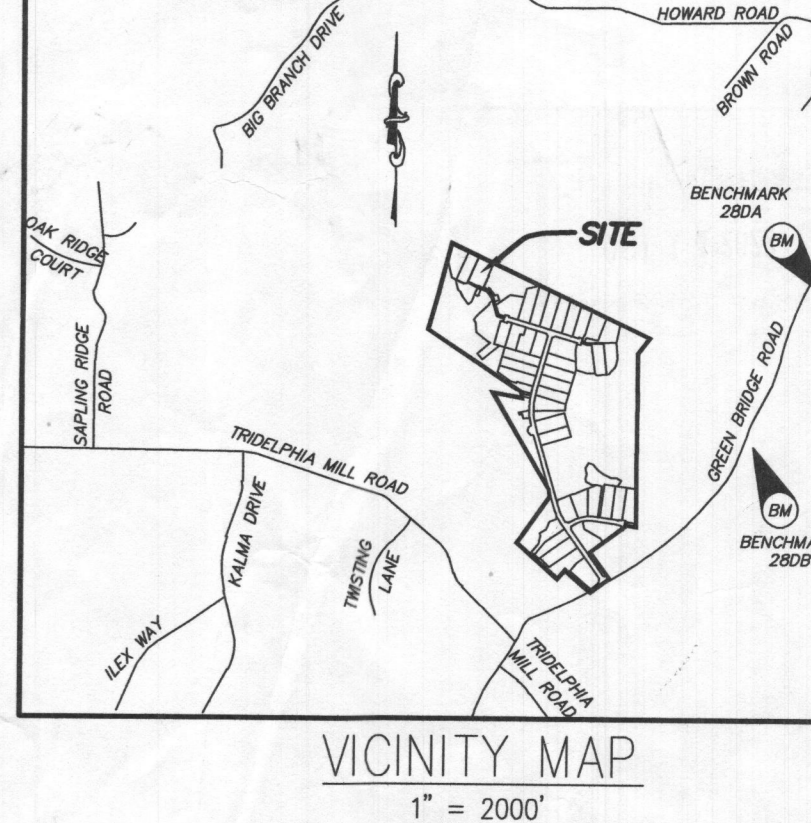
ABSORPTION TRENCH CALCULATIONS

DRAINFIELD AREA REQUIRED (DESIGN FLOW/APP RATE)	INITIAL SYSTEM	1ST REPLACEMENT SYSTEM	2ND REPLACEMENT SYSTEM
750	750	750	750

TRENCH LAYOUT INFORMATION

NUMBER OF TRENCHES USED	INITIAL SYSTEM	1ST REPLACEMENT SYSTEM	2ND REPLACEMENT SYSTEM
3	3	3	3
TOTAL LINEAR FEET USED	113.00	125.25	125.25
MINIMUM TRENCH SPACING	10	10	10

FOR TRENCHES WITH NO SIDEWALL CREDIT, THE SPACING IS 6' FOR A 2" HOSE TRENCH AND 9' FOR A 4" WIDE TRENCH (MEASURED EDGE TO EDGE). ALL TRENCHES UTILIZING SIDEWALL REDUCTION CREDIT MUST BE SPACED A MIN. OF 10' FOR EFFECTIVE SIDEWALL NOT OVER 3.5'. IF MORE THAN 3.5" THEN SPACING FORMULA IS (20+H) UP TO A MAX. OF 16'



VICINITY MAP
 1" = 2000'
 TAX MAP 27, GRID 18

BENCHMARK 28DA
 N: 570,624.997, E: 1,313,434.228, EL: 564.389'
BENCHMARK 28DB
 N: 569,055.561, E: 1,313,795.348, EL: 537.361'

- GENERAL NOTES:**
- THESE AREAS DESIGNATE A PRIVATE SEWAGE AREA OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE AREAS SHALL BECOME PUBLIC SEWAGE DISPOSAL AREAS UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE AREA. RECORDATION OF A MODIFIED SEWAGE AREA SHALL NOT BE NECESSARY.
 - EXISTING WELLS, SEPTIC SYSTEMS, AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND THOSE WELLS WITHIN 200' DOWN GRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS OR SEWAGE DISPOSAL AREAS HAVE BEEN SHOWN.
 - ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
 - BUILDING SETBACKS (B.R.L.'s) SHOWN HEREON PER SITE DEVELOPMENT PLAN SETBACK DISTANCES SHOWN HEREON AS "3" HAVE AN ACCURACY OF ±0.1' FOOT.
 - ANY CHANGES 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.
 - THE MAXIMUM EARTH COVER OVER THE TANK IS THREE (3) FEET. GREATER EARTH COVER WILL REQUIRE A HEAVY LOAD BEARING TRUCK.
 - THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP, WIDTH, AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
 - THE EXISTING TOPOGRAPHY SHOWN HEREON IS BASED ON A BOUNDARY & TOPOGRAPHIC SURVEY PREPARED BY BOHLER ENGINEERING ON 9/03/15, AND HOWARD COUNTY GIS.
 - THE BAT SYSTEM SHALL BE MAINTAINED AND OPERATED FOR THE LIFE OF THE BAT SYSTEM.
 - THE BAT SYSTEM SHALL BE OPERATED BY AND MAINTAINED BY A CERTIFIED SERVICE PROVIDER.
 - WITHIN ONE (1) MONTH OF INSTALLATION, A PERSON INSTALLING THE BAT SYSTEM SHALL REPORT TO THE MARYLAND DEPARTMENT OF THE ENVIRONMENT (MDE) IN A MANNER ACCEPTABLE TO MDE, THE ADDRESS AND DATE OF COMPLETION OF THE BAT INSTALLATION AND THE TYPE OF BAT INSTALLED.
 - ELECTRICAL WORK FOR THE BAT INSTALLATION MUST BE PERFORMED BY A LICENSED ELECTRICIAN.
 - AN AGREEMENT AND EASEMENT MUST BE COMPLETED AND SIGNED BY ALL APPLICABLE PARTIES, AND RECORDED IN THE LAND RECORDS OF HOWARD COUNTY.
 - THE HEALTH DEPARTMENT REQUIRES DOCUMENTATION FOR THE START-UP CERTIFICATION FROM THE MANUFACTURER PRIOR TO THE FINAL APPROVAL OF THE BAT INSTALLATION.
 - AFTER PRESSURE TESTING THE DISTRIBUTION SYSTEM, THE PIPE TURN-UPS AT THE ENDS OF THE LATERALS ARE TO BE CUT BELOW GRADE AND CAPPED. THE TRUNCATED LATERAL TURN-UPS SHOULD BE PROTECTED BY BURIED BOXES.
 - THE EXISTING WELL FOR LOT 35 (TAG NO. HO-18-0082) HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN HEREON.

PROFESSIONAL CERTIFICATION:
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21328, EXPIRATION DATE 1/8/23.

10/15/22
 DATE

MICHAEL JOE BOYCE



DESIGNED BY: R.C.K.
 DRAWN BY: R.C.K.
 CHECKED BY: M.J.B.
 DATE: _____

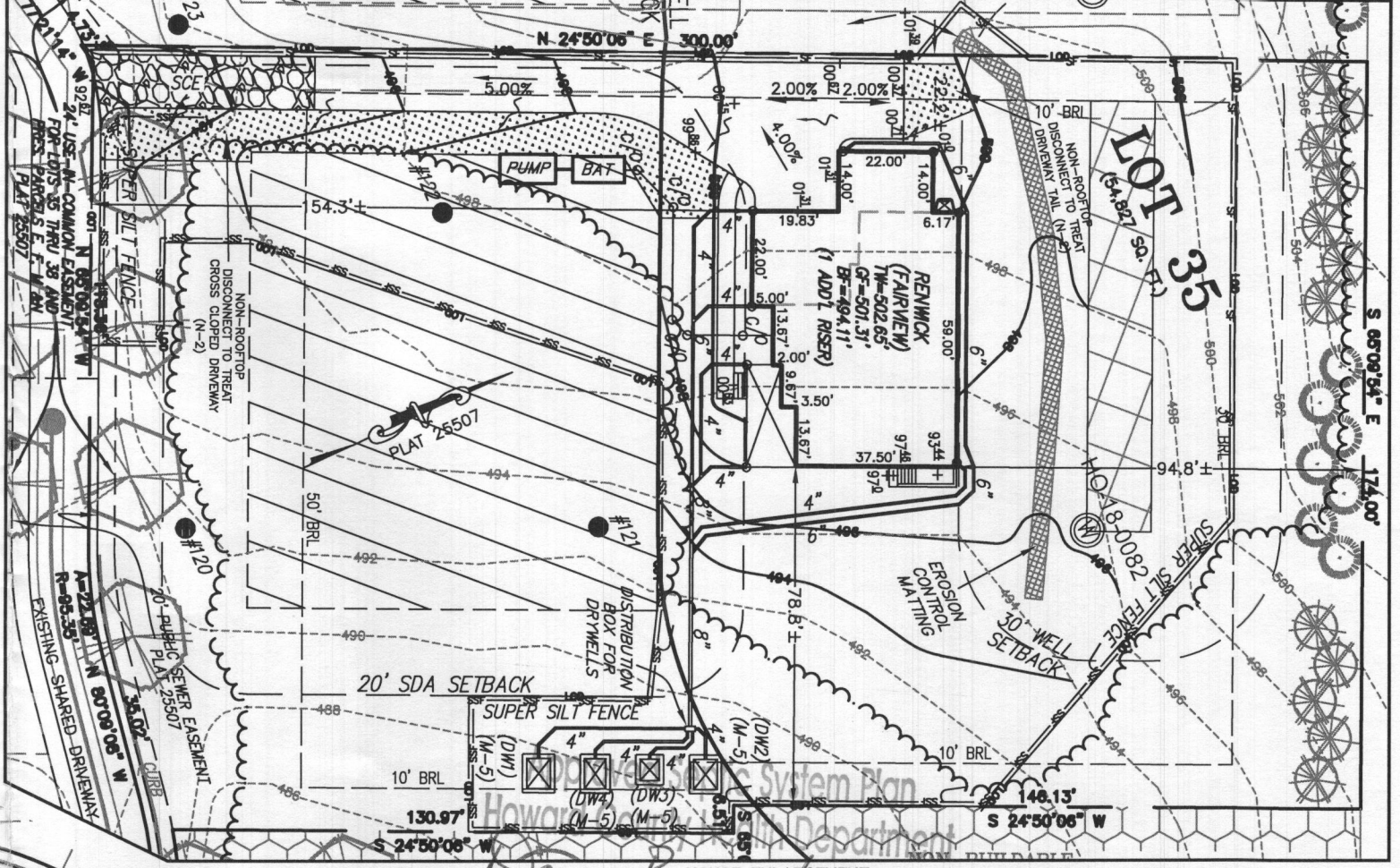
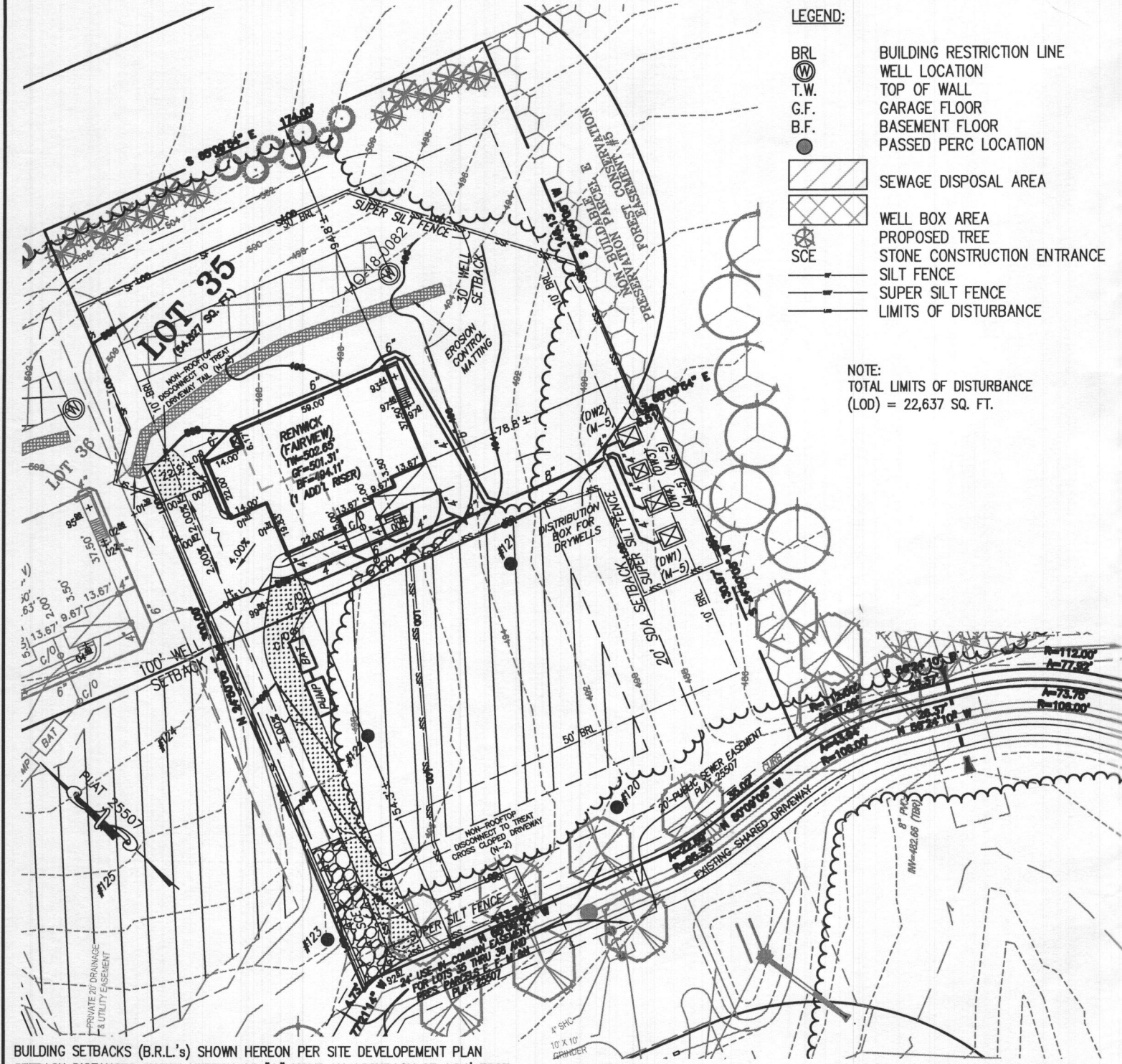
SITE PLAN FOR BAT INSTALLATION
 LOT 35
WILLOWSIRE
 LIBER 18479, FCO 296
 PLAT No. 2507
 TAX No. 05-8023
 FIFTH ELECTION STRICT
 HOWARD COUNTY, MARYLAND
 ADDRESS: 7040 C.T. PLACE
 DAYTON, MARYLAND 21036

DATE: 10/14/2022
 SCALE: 1"=30'
 FILE: BAT LOT 35
 CHK'D: M.J.B.
 JOB NO: 4520
 DRAWN: R.C.K.

ESE CONSULTANTS
 ENGINEERING • PLANNING • SURVEYING • ENVIRONMENTAL

ESE Consultants, Inc.
 6731 Columbia Gateway Drive • Suite 1210 • Columbia, MD 21046
 T: 410-872-9105

SHEET 1 OF 1



BUILDING SETBACKS (B.R.L.'s) SHOWN HEREON PER SITE DEVELOPMENT PLAN
SETBACK DISTANCES SHOWN HEREON AS "±" HAVE AN ACCURACY OF ±0.1' FOOT.



HOUSE TYPE: RENWICK (CRAFTSMAN)

TWO CAR SIDE ENTRY GARAGE	OPTION NO. 012
FINISHED LOWER LEVEL	OPTION NO. 013
DAYLIGHT BASEMENT	OPTION NO. 018
ADDITIONAL BATH	OPTION NO. 367
ADDITIONAL BATH FINISHED LOWER LEVEL	OPTION NO. 383
ADDITIONAL ONE CAR FRONT ENTRY GARAGE-14'	OPTION NO. 263102
DAYLIGHT WINDOW WELL	OPTION NO. 543

WELL NUMBER: H0-18-0082

ADDRESS: 7040 COLT PLACE
DAYTON, MD 21036

PLOT PLAN
LOT 35
WILLOWSHIRE
LIBER 18479, FOLIO 296
PLAT NO. 25507
5th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

ESE CONSULTANTS
ENGINEERING • PLANNING • SURVEYING • ENVIRONMENTAL

ESE Consultants, Inc.
6731 Columbia Gateway Drive • Suite 120 • Columbia, MD 21046
T: 410-872-9105

DATE: 05/26/2022 SCALE: 1" = 50' FILE: PP LOT 35 - RENWICK FAIR.
CHK'D: M.J.B. JOB NO: 4520 DRAWN: R.P.S./R.C.K.