

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: 6-28-21

ONSITE SEWAGE DISPOSAL SYSTEM

P 569581

APPROVAL DATE: 1/12/2022

PERMIT: CONSTRUCTION

A _____

PROPERTY ADDRESS: 13185-A Highland Road, Highland MD 20777

SUBDIVISION: Pinto-Dunbar Residence

LOT: Parcel 3

TAX ID: 1405600553

CONTRACTOR: Fogles Septic Clean Inc

EMAIL: Kim@foglesinc.com

CONTRACTOR ADDRESS: 580 Obercht Rd, Sykesville, MD 21784

PHONE: 410-795-8670

CONTRACTOR CERTIFIED FOR BAT INSTALLATION:

MDE

MANUFACTURER:

Norweco

PROPERTY OWNER: Robert Pinto

EMAIL: _____

OWNER ADDRESS: 10945 Price Manor Way, Apt. 162 Laurel, MD 20723

PHONE: 224-374-6754

Norweco TNTLP-

BAT UNIT MODEL: 500GPD

PUMP SIZE: 40gpm

PUMP TANK CAPACITY: 1000

OPERATION & MAINTENANCE AGREEMENT DATE SIGNED: 4/21/2020 ✓

DATE RECORDED: 4/30/2020 ✓

DISTRIBUTION SYSTEM: GRAVITY

PRESSURE DOSED

BEDROOMS: 4

APPLICATION RATE: 0.8

TRENCHES:	LINEAR FEET REQUIRED: <u>136</u>	INLET DEPTH: <u>2</u>
	TRENCH WIDTH: <u>2</u>	MAXIMUM BOTTOM DEPTH: <u>8</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>4</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:		

ISSUED BY: RF

ISSUE DATE: 6/23/2021

EXPIRATION DATE: 6-28-21

- 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 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 2100 1210 ?
- 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

* see attached
diagram

ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
2'	18"-2'	8'
NUMBER OF TRENCHES		2
TOTAL LENGTH		136'
ABSORPTION AREA		272' + sidewalk
DISTRIBUTION BOX LEVEL		yes
DISTRIBUTION BOX BAFFLE		no
DISTRIBUTION BOX PORT		yes

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL _____

MANUFACTURER Backriver/Norweco

CAPACITY 500 GAL

SEAM LOC top

TANK LID DEPTH 1'

BAFFLES N/A

BAFFLE FILTER N/A

MANHOLE LOC inlet, middle, outlet

6" PORT LOC _____

WATERTIGHT TEST -

SLOTTED N/A

DATE ON LID 12-08-20

PUMP/SEPTIC TANK LEVEL _____

MANUFACTURER _____

CAPACITY 1000 GAL

SEAM LOC top

TANK LID DEPTH 1'

BAFFLES inlet

BAFFLE FILTER -

MANHOLE LOC outlet

6" PORT LOC -

WATERTIGHT TEST -

SLOTTED N/A

DATE ON LID 6-29-21

PRE-CONSTRUCTION:

8/6/21 SDA not staked. Told contractors it was ok to set tanks, call for layout when SDA is staked (SD) 8/10/21 SDA, d-box and beginning of trenches staked by survey. Laid out 2x68' on contour according to plan. (SD)

INSTALLATION:

8/10/21 SHC and ST constructed. Tanks set sitting on stone; Norweco was backfilled with stone as well. Force main constructed with a 4" sleeve under driveway (27' in length). (SD) 8/11/21 - dbox looks good, no baffle and FM inlet is pointed towards the base of the dbox, trenches are not the same length, the shorter one ran too close to the FM, contractor added some length to the other trench, trenches look good, shorter trench almost complete w/ Stone's fabric, the longer trench was excavated and "Jamie" (contractor) adding stone while onsite, said he'd send a pic of it complete w/ Stone's fabric, Stone looks good, ok to continue and backfill when complete. (RP) 01/12/2022 JIA OK - flow to D Box; ALARM ON OVER CTRL SVS PANEL. AWAITING START UP LETTER. (RP)

FINAL INSPECTOR

J. Cabrey

DATE OF APPROVAL

8/1/2/2022

13185-A Highland Rd

NOT TO SCALE
1" = 50'

ex. pole barn

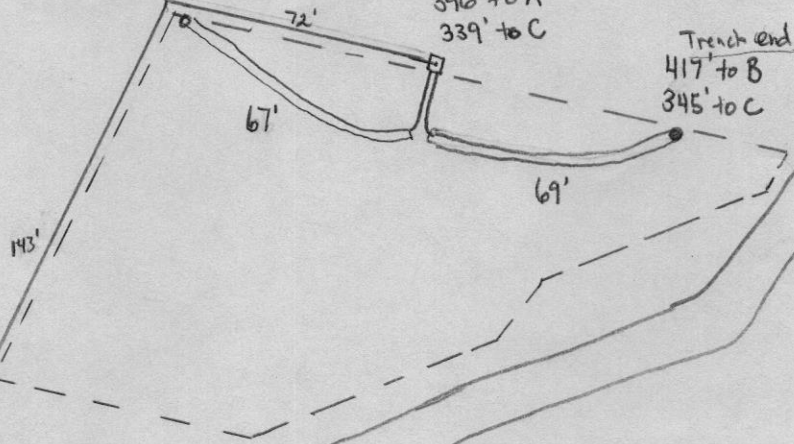
Trench end
125' to B
108' to C

dbx.
396' to A
339' to C

Trench end
417' to B
345' to C

to Highland Rd

27' ← sleeved w/ 4" under driveway



143'

67'

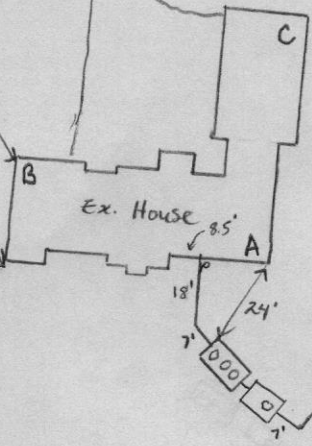
72'

69'

308'

40-17-0137

90'
115'



photos from contractor : 8/11/21

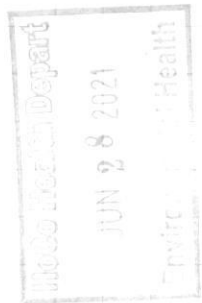




AQUAFLOW PUMP & SUPPLY CO.

1561 Pulaski Highway • P.O. Box 98 • Bear, DE 19701	(302) 834-1311 • Fax (302) 834-0716
16816 So. Dupont Highway • Harrington, DE 19952	(302) 398-3704 • Fax (302) 398-3716
2309 North Dupont Highway • New Castle, DE 19720	(302) 656-5437 • Fax (302) 656-4309
15 Tomlinson Road • Huntingdon Valley, PA 19006	(215) 947-7900 • Fax (215) 947-9907
3001 Montrose Avenue • Reading, PA 19605	(610) 929-0100 • Fax (610) 929-9230
104 Railroad Street • Bedford, PA 15522	(814) 623-2290 • Fax (814) 623-8892
258 Donahoe Road • Greensburg, PA 15601	(724) 552-0240 • Fax (724) 552-0249 • 1-800-581-5113
9694 Rt. 322 • P.O. Box 157 • Shippensburg, PA 16254	(814) 226-5070 • Fax (814) 226-7961 • 1-800-360-4678
16051 Business Parkway • Hagerstown, MD 21740	(301) 790-0088 • Fax (301) 790-0098 • 1-877-558-0089
5430 Ketch Road • Prince Frederick, MD 20678	(443) 968-2867 • Fax (443) 968-9701
89 Willow Grove Road • Unit F • Shamong, NJ 08088	(609) 801-0771 • Fax (609) 801-0772
4185 Independence Drive • Schnecksville, PA 18078	(610) 799-3211 • Fax (610) 799-3888
841 Route 6 • Shohola, PA 18458	(570) 409-0017 • Fax (570) 409-0019

*New permit
for Robert Pinto
13185-A Highland Rd
Highland*



SOILS LEGEND					
SYMBOL	NAME / DESCRIPTION	GROUP	C-FACTOR	ERODIBLE	HYDRIC
SW	SLIGHTLY LOW 0 TO 15 PERCENT SLOPES	E	32	51	51
SL	LOW 15 TO 35 PERCENT SLOPES	E	32	52	51
ML	MEDIUM 35 TO 50 PERCENT SLOPES	E	48	52	52
ST	STEEP 50 TO 70 PERCENT SLOPES	E	69	52	51

SOIL INFORMATION FROM DATA FROM SOIL SURVEY REPORT
 HANOVER COUNTY SOILS MAP NUMBER 22 - CHARLOTTE SP
 1/1/81 FOR www.hanovercounty.com - C FACTORS (USC 98)
 NOTE: ERODIBLE RATES ARE THOSE RATES NOT A GREAT DEGREE THAN IS TYPICAL
 OR THOSE SOILS WITH A SOIL ERODIBILITY FACTOR 8 OR GREATER THAN 0.25 AND WITH
 A SLOPE GREATER THAN 5 PERCENT



LEGEND:	
	PROPERTY LINE
	PROPOSED PROPERTY LINE
	EXISTING EASE OF WAY
	STRAIN BEETS
	STREAM
	DISTRICT BOUNDARY
	PROPOSED FLOODLINE
	RETAINERS
	MANHOLE 18" x 18"
	EXISTING WELL LOCATION
	PROPOSED WELL LOCATION
	APPROVED PAVING SURF
	APPROVED PAVEMENT
	12" DRAINAGE (12" x 12" x 12") OR GREATER (SEE PLAN) & 18" x 18" (12" x 12")
	EXISTING CONCRETE DRIVEWAY
	PROPOSED DRIVEWAY ACCESS DRIVEWAY (18" x 12")
	PROPOSED DRIVEWAY ACCESS AND MAINTENANCE EQUIPMENT (18" x 12")
	EXISTING 12" CONCRETE DRAINAGE 2" COVER
	EXISTING 12" CONCRETE OVER SLOPES OR GRADES
	EXISTING ASPHALT DRIVEWAY (18" x 12" SLOPES)
	SOILS
	PROPOSED 12" CONCRETE PROPOSED 2" COVER
	AREA OF IMPROVED DRAINAGE TO DRIVEWAY (12" x 12")
	AREA OF IMPROVED DRAINAGE TO DRIVEWAY (12" x 12")
	NEW DRIVEWAY AREA DRIVEWAY PERM. TEST
	FIELD PERM. TEST

OWNER
 JAW DUNBAR REVOCABLE TRUST
 & ROBERT PINTO
 10845 PINE HAVEN WAY, APT 162
 LAUREL, MD 20722
 204-374-8754

NO.	REVISION	DATE

SIMPLIFIED ENVIRONMENTAL CONCEPT PLAN
STORMWATER MANAGEMENT PLAN
PINTO-DUNBAR RESIDENCE
LOT 3 OF THE SULLIVAN PROPERTY
 13185-A HIGHLAND ROAD
 HIGHLAND, MD 20777
 5.72 AC.

L 18184 / P 002
 100 EASTON STREET
 100 MAP 54 280 21

PARCEL 137
 2004-08-02
 HANOVER COUNTY, MARYLAND

VOGEL ENGINEERING

TIMMONS GROUP
 1390 NORTH RIDGE ROAD, SUITE 110, ELICOTT CITY, MD 21043
 P: 410-461-7656 F: 410-461-8961 www.vogeleng.com

PROFESSIONAL CERTIFICATE	
DESIGN BY: <u> </u>	I HEREBY CERTIFY THAT THESE DRAWINGS WERE PREPARED OR CHECKED BY ME, OR THAT I AM A REGISTERED PROFESSIONAL ENGINEER AND I AM THE DESIGNER OF THE DRAWING SHOWN ON THIS SHEET.
DRAWN BY: <u> </u>	
CHECKED BY: <u> </u>	
DATE: <u> </u>	
SCALE: <u> </u>	
A.D. NO.: <u> </u>	4 SHEET OF 6

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

 CHIEF, DIVISION OF LAND DEVELOPMENT DATE

SWM PLAN
 SCALE: 1"=50'



05/18/2020 10:45:00 AM C:\Users\jvw\Documents\13185-A HIGHLAND RD\13185-A SWM PLAN\13185-A SWM PLAN.dwg

