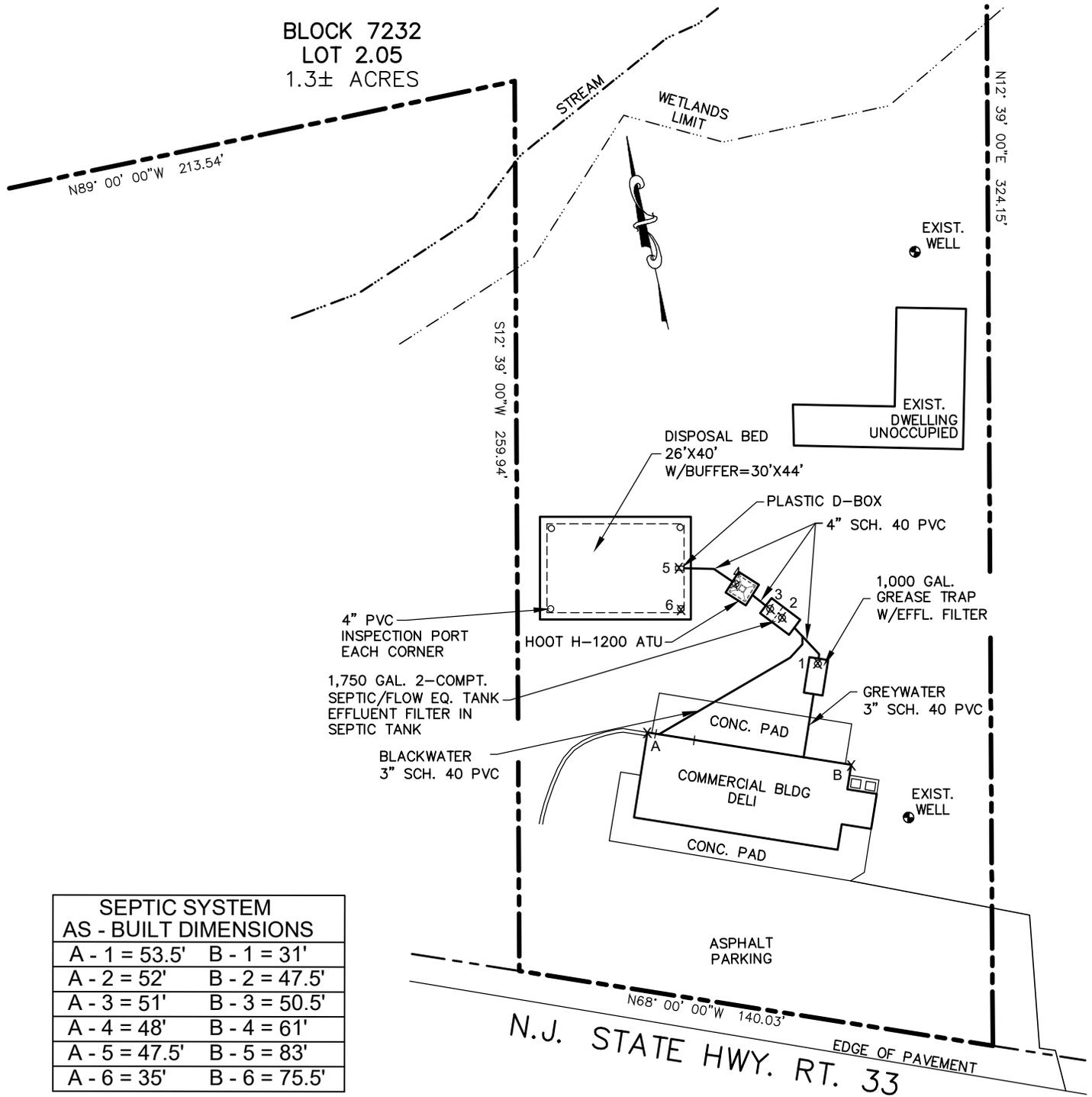


BLOCK 7232
LOT 2.05
1.3± ACRES



SEPTIC SYSTEM AS - BUILT DIMENSIONS	
A - 1 = 53.5'	B - 1 = 31'
A - 2 = 52'	B - 2 = 47.5'
A - 3 = 51'	B - 3 = 50.5'
A - 4 = 48'	B - 4 = 61'
A - 5 = 47.5'	B - 5 = 83'
A - 6 = 35'	B - 6 = 75.5'

SYSTEM CONSTRUCTED BY
A NORTON SEPTIC CONTRACTING

SITE PLAN
NO SCALE

SEE SHEET 4 FOR OWNER AND SERVICE
PROVIDER REQUIREMENTS

Limitations:

1. This system has been not been designed to accommodate a garbage grinder.
2. Water softener backwash shall not be discharged to the septic disposal system.
Dry wells or seepage pits are recommended.

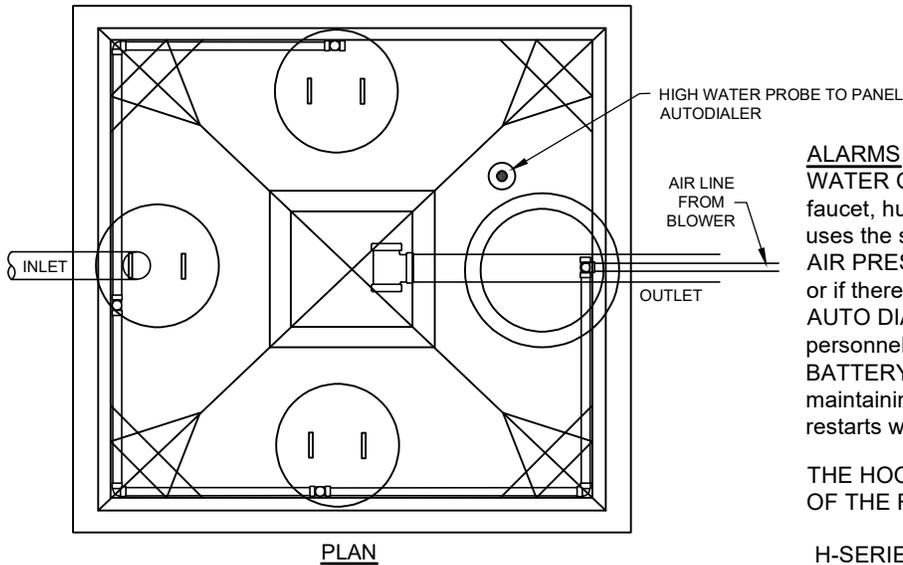
REVISION	DATE	DATE:
		7/8/22
		SCALE:
		SHOWN
		SHEET:
		1 OF 4

SEPTIC SYSTEM AS-BUILT
320 STATE HIGHWAY ROUTE #33
BLOCK 7232 LOT 2.05
MANALAPAN TOWNSHIP
MONMOUTH COUNTY NEW JERSEY

**G BARKLEY
ENGINEERING, LLC**

Cert. No. 24GA28229400
27 Bradley Drive
Freehold, NJ 07728
phone: 609-286-8794


GREGG W. BARKLEY
New Jersey Professional Engineer
License No. GE34675



PLAN

ALARMS

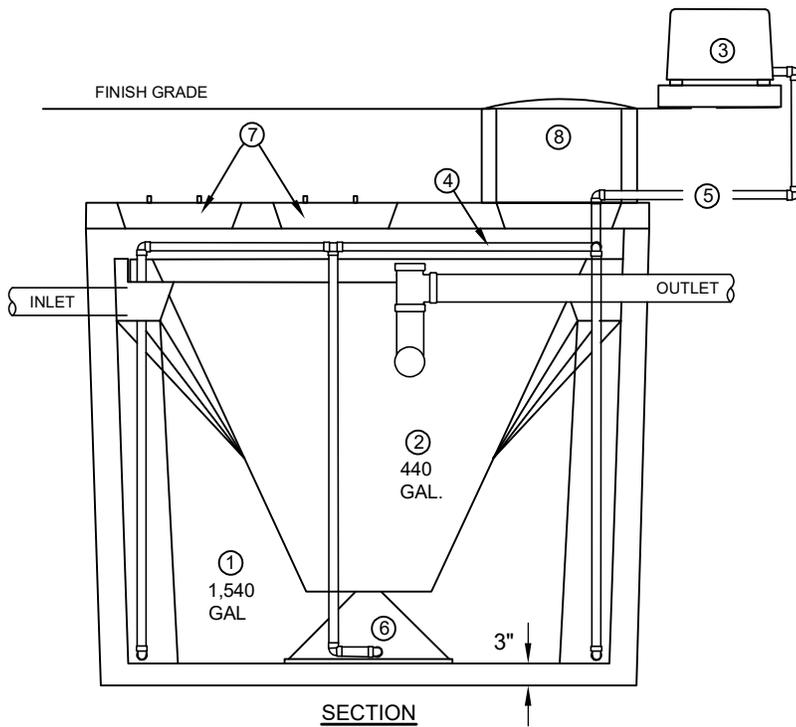
- WATER OVER-USE ALARM - alerts you when a running faucet, hung up toilet or plumbing leak wastes water and uses the system beyond capacity.
- AIR PRESSURE SENSOR - alerts you if a line is broken, or if there is a problem with the aerator.
- AUTO DIALER OUTPUT - directly contacts service personnel in event of problem with the system.
- BATTERY BACKUP - alerts you to a power failure, while maintaining all timing so, when power is restored, system restarts where it stopped.

THE HOOT PANEL SHALL PROVIDE TIMED CONTROL OF THE FLOW EQUALIZATION PUMP

H-SERIES HOOT AEROBIC TREATMENT SYSTEM

1. AERATION CHAMBER: BIOLOGICAL REDUCTION
2. CLARIFIER: SETTLING OF SOLIDS FOLLOWING AEROBIC TREATMENT
3. AERATION BLOWER: LOCATE UP TO 50 FEET FROM TANK, SLOPE PIPE 1/8" PER 1'-0" TOWARD TANK FOR DRAINAGE
4. AIR MANIFOLD: DISTRIBUTES AIR AROUND TANK TO THE DIFFUSERS
5. AERATION LINE: DELIVERS AIR FROM BLOWER TO THE TANK.
6. AERATION DIFFUSER: DIFFUSES AIR INTO THE WASTEWATER
7. ACCESS COVERS FOR ASSEMBLY OF THE UNIT. NOT REQUIRED TO BE OPENED FOR REGULAR SERVICE.
8. ACCESS RISER WITH COVER TO GRADE FOR MAINTENANCE AND SERVICE ACCESS.

VERIFY TANK DIMENSIONS FROM MANUFACTURER PRIOR TO INSTALLATION



SECTION

**HOOT AEROBIC TREATMENT UNIT
MODEL H-1200**

NO SCALE

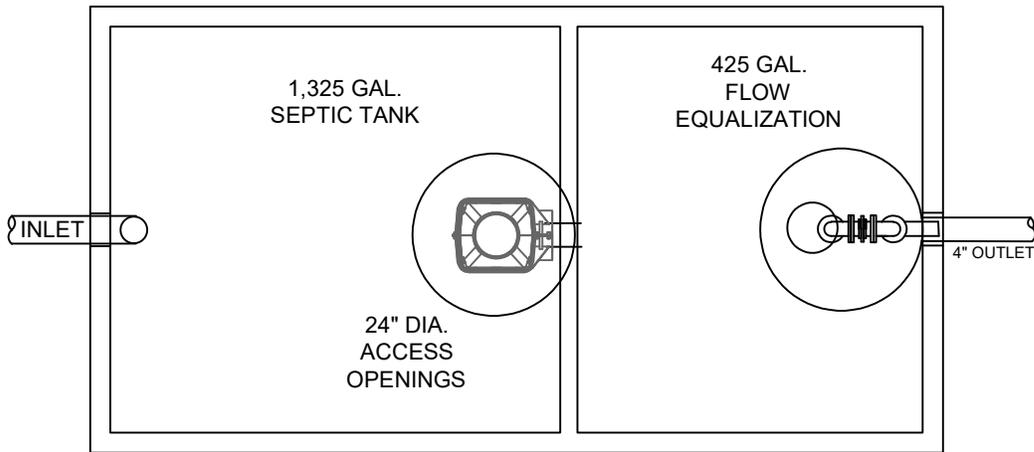
REVISION	DATE	DATE:
		7/8/22
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		SHOWN
		SHEET:
		2 OF 4

SEPTIC SYSTEM AS-BUILT
 320 STATE HIGHWAY ROUTE #33
 BLOCK 7232 LOT 2.05
 MANALAPAN TOWNSHIP
 MONMOUTH COUNTY NEW JERSEY

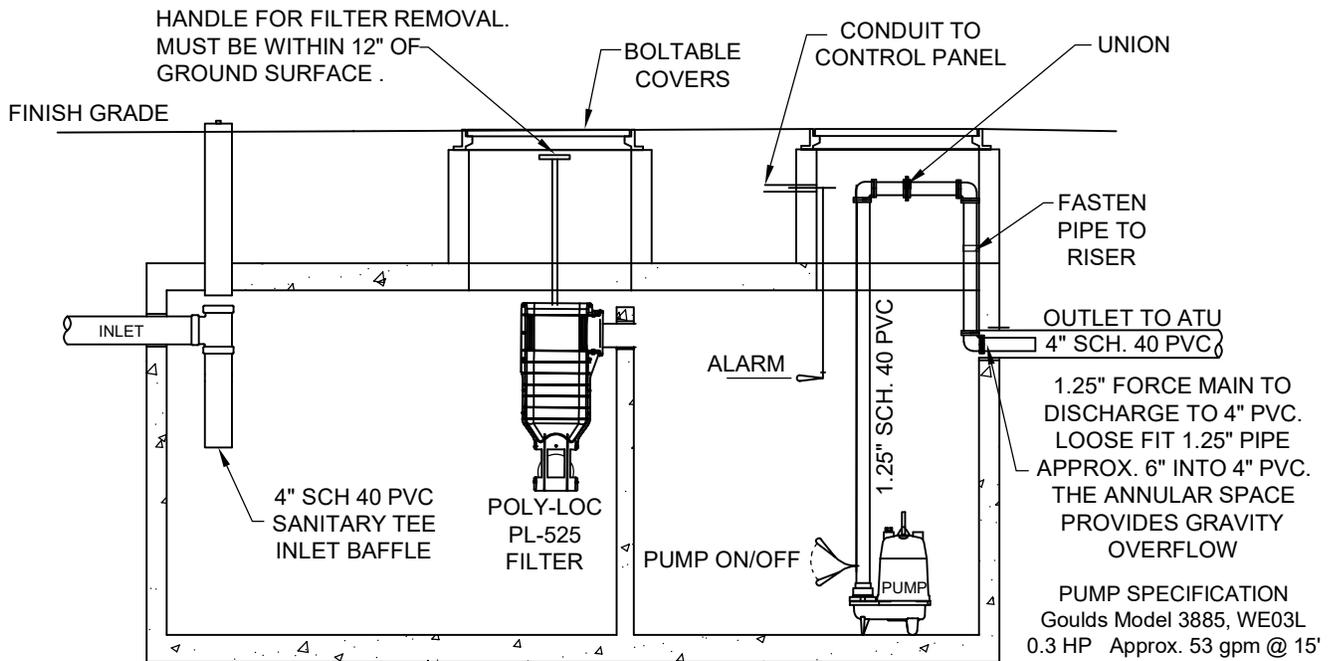
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Gregg W. Barkley
 GREGG W. BARKLEY
 New Jersey Professional Engineer
 License No. GE34675



PLAN



SECTION

1750 GALLON SEPTIC/FLOW EQ. TANK

NO SCALE

REVISION	DATE	DATE:
		7/8/22
		SCALE:
		SHOWN
		SHEET:
		3 OF 4

SEPTIC SYSTEM AS-BUILT
 320 STATE HIGHWAY ROUTE #33
 BLOCK 7232 LOT 2.05
 MANALAPAN TOWNSHIP
 MONMOUTH COUNTY NEW JERSEY

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Owner Requirements

1. The property owner shall have in place a service contract throughout the life of the system with an authorized service provider. A current service contract signed by the property owner and the authorized service provider must be in place prior to the issuance of a certificate of compliance.
2. Failure to be in possession of a valid service contract renders the system non-compliant and is subject to penalties.
3. Upon expiration of a service contract, a new contract which shall be at least one year in duration shall be entered into by the property owner with an authorized service provider. If the property owner chooses to enter into a service contract with a different authorized provider than under the expiring contract, a copy of the new fully executed service contract shall be submitted to the Health Department by the property owner within 14 days after the expiration of the previous contract. The new service contract must demonstrate that the service for the system under an authorized service contract has been continuous.
4. If a property owner fails to renew the service contract, the authorized service provider shall provide written notification of the expiration within 30 days to the Health Department.

Authorized Service Provider Requirements

1. All advance wastewater treatment devices shall be maintained according to the manufacturer's maintenance requirements. Current maintenance manuals shall be obtained by the authorized service provided prior to performing maintenance.
2. The system shall be inspected by an authorized service provider on the following schedule as a minimum:
 - a. Once within 30 days following system startup.
 - b. Twice per year for the first two years of system operation, then once per year there after for the life of the system.
 - c. At the time of transfer of the property to a new property owner
3. All inspection results shall be recorded on forms developed by the manufacturer, copies of which shall be made available by the manufacturer/service provider. The forms must be signed by the authorized service provider and shall be submitted to the Health Department within 30 days following the inspection. Online access or electronic submission of the data may be substituted for the physical form if acceptable to the Health Department.
4. At each regularly scheduled maintenance visit, the authorized service provider shall at a minimum monitor and record:
 - a. The wastewater level in the tanks;
 - b. Any effluent filter for clogging and clean as needed;
 - c. Clarity of the effluent in NTUs;
 - d. The final effluent odor;
 - e. All tanks for oily film;
 - f. All tanks/compartments for foam;
 - g. The pH of the final effluent;
 - h. Ponding of effluent around the advanced treatment unit or other tank and the disposal area;
 - i. Pump cycle/run times and blower run times;
 - j. Any other requirement established by the manufacturer.

REVISION	DATE	DATE:
		7/8/22
		SCALE:
		SHOWN
		SHEET:
		4 OF 4

SEPTIC SYSTEM AS-BUILT
 320 STATE HIGHWAY ROUTE #33
 BLOCK 7232 LOT 2.05
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