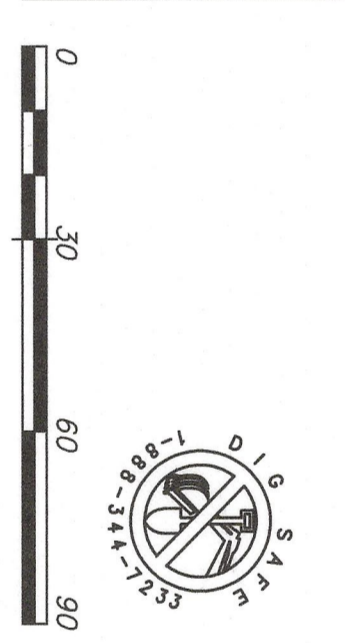


Subject	EXISTING	PROPOSED
TOTAL PARCEL AREA or 0.99 Ac.±	43,500 S.F.±	2,741 S.F.±
Building Coverage		6.3 %
Site Coverage		2,741 S.F.±
Building Mkt./Pct./Ac		6.25 S.F.±
Drieway		2,534 S.F.±
Total		5,900 S.F.±
Green Space		13.6 %
		86.4 %

SUBJECT	Zone R-R	Zone WRP-D	PROPOSED
Lot Area	40,000 S.F.	40,000 S.F.	-
Frontage	150 FT.	N/A	95.3 FT.
Front Setback	25 FT.	N/A	22.0 FT.
Side Setback	20 FT.	N/A	10.2 FT.
Rear Setback	40 FT.	N/A	25.0 FT.
Building Coverage	15% max.	20% max.	6.3 %



I hereby certify that the features shown herein are located as they exist on the ground.
 Date Jan 24 2023
 P.L.S.



EASTWARD HOMES BUSINESS TRUST

CLARK ENGINEERING LLC
 156 Crowell Road Suite B, Chatham, MA, 02633
 Tel.: (508) 945-5454; Fax: (508) 945-5458

OUTERMOST LAND SURVEY, INC.
 46 Main Street, Brewster, MA
 Tel.: (508) 255-0477

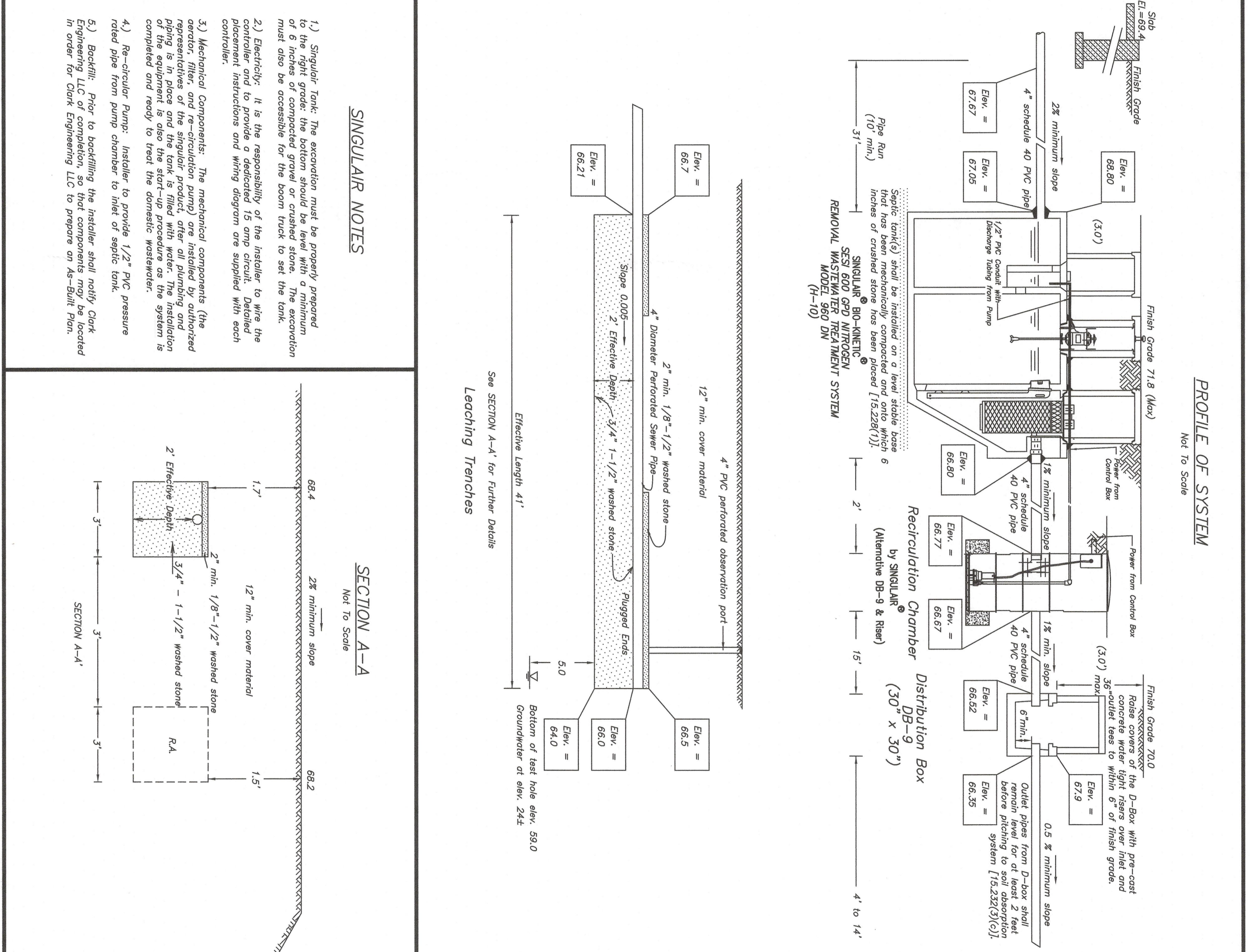
SITE PLAN

8 (Lot 10) Bascom Hollow, E. Harwich, MA

Rev. #	Description of Revision	Date
1	added 25' buffer strip along Rte 39	01-12-23

Date: 12-19-2022 Drawing No.: 0010-151.10A
 Scale: 1" = 30' Sheet No.: 1 of 2

DEEP OBSERVATION HOLE LOG	
Date of Test 12-19-22	Date of Test 12-19-22
Existing Grade	Existing Grade
Depth 0'	71.0
0"	71.0
28"	68.8
30"	67.5
48"	67.0
61.0	122'
61.0	59.0



GENERAL NOTES

- Neither driveway nor parking areas are allowed over septic systems.
- The designer will not be responsible for the system as designed unless constructed as shown. Any changes must be signed in writing by the designer.
- Contractor shall be responsible for verifying the location of all underground and overhead utilities prior to the commencement of work.

CONSTRUCTION NOTES

- All construction shall conform to the State Environmental Code, Title 8 and the requirements of applicable Board of Health orders.
- The filter media shall be composed of 1/2" to 3/4" clean, washed, natural aggregate material [15.225 (1)] shall be removed from (5) feet vertically in all directions beyond the outer perimeter of the soil absorption system to the depth of the naturally occurring pervious layer.
- From the date of installation of the soil absorption system the soil absorption system shall be staked and flagged to prevent the use of such area for all activities which might damage the system [15.246(2)].
- The Board of Health shall require inspection of all construction require such persons to certify in writing that all work has been completed in accordance with the terms of the permit, and approved plans. 48 hours advance notice is requested.
- All system components shall be marked with magnetic marking tape or a comparable means in order to locate them once buried.
- Base aggregate shall consist of 3/4" to 1-1/2" double washed stone free of iron, fines and dust and shall be installed over the soil absorption system [15.247(1)]. Base aggregate shall be covered with a 2" layer of 1/8" to 1/2" double washed stone free of iron, fines and dust [15.247 (2)].
- From the date of installation of the soil absorption system the soil absorption system shall be staked and flagged to prevent the use of such area for all activities which might damage the system [15.246(2)].
- The Board of Health shall require inspection of all construction require such persons to certify in writing that all work has been completed in accordance with the terms of the permit, and approved plans. 48 hours advance notice is requested.
- All system components shall be marked with magnetic marking tape or a comparable means in order to locate them once buried.

SEWAGE DISPOSAL SYSTEM PLAN
 B (Lot 10) Bascom Hollow, E. Harwich, MA

CLARK ENGINEERING LLC
 156 Crowell Road Suite B, Chatham, MA, 02633
 Tel.: (508) 945-5454; Fax: (508) 945-5458

EASTWARD HOMES BUSINESS TRUST

CLARK ENGINEERING LLC
 156 Crowell Road Suite B, Chatham, MA, 02633
 Tel.: (508) 945-5454; Fax: (508) 945-5458

Date: 12-19-2022 Drawing No.: 0010-151.10A
 Scale: Not to Scale Sheet No.: 2 of 2

LEGEND

- Existing Contour
- Existing Spot Grade
- Proposed Spot Grade
- Water Service
- Underground Utility Line(s)
- Gas Line
- Test Hole and/or Boring Location
- Percolation Test Location
- Concrete Bound (CB)
- Septic Tank Box
- Soil Absorption System
- Utility Pole
- Catch Basin
- Fire Hydrant
- Tree or Hedge Line
- Reference to 310 CLR Title 8 [15.000]

BUILDING HEIGHT
 72.8 + 77.0 + 2 = 74.9 Average Grade
 74.9 Ave. Grade + 30 Ft. Max. Height = 104.9 Max. Ridge Elev.
 Proposed Ridge Elev. = 103.3

SYSTEM DESIGN CALCULATIONS

- 1) Basis of Design: 4*
- 2) Number of Bedrooms: 440 GPD
- 3) Daily Flow Sewage Flow: 880 Gal.
- 4) Septic Tank Capacity: 1500 Gal.
- 5) Soil Absorption System Capacity: 440 GPD

SINGULAR NOTES

- 1) Singular Tank: The excavation must be properly prepared to the right grade; the bottom should be level with a minimum of 6 inches of compacted gravel or crushed stone. The excavation must also be accessible for the boom truck to set the tank.
- 2) Electrical: It is the responsibility of the installer to wire the controller and to provide a dedicated 15 amp circuit. Detailed placement instructions and wiring diagram are supplied with each controller.
- 3) Mechanical Components: The mechanical components (the motor, filter, and re-circulation pump) are installed by authorized representatives of the singular product, after all plumbing and piping is in place and the singular tank is filled with water. The installation is completed and ready to treat the domestic wastewater.
- 4) Re-circulation Pump: Installer to provide 1/2" PVC pressure rated pipe from pump chamber to inlet of septic tank.
- 5) Backfill: Prior to backfilling the installer shall notify Clark Engineering, LLC of completion, so that components may be located in order for Clark Engineering, LLC to prepare an As-Built Plan.

PROFILE OF SYSTEM
 Not to Scale

SECTION A-A
 Not to Scale

SECTION A-A'
 Not to Scale

