

Contact Agent

28 / 60



bright MLS









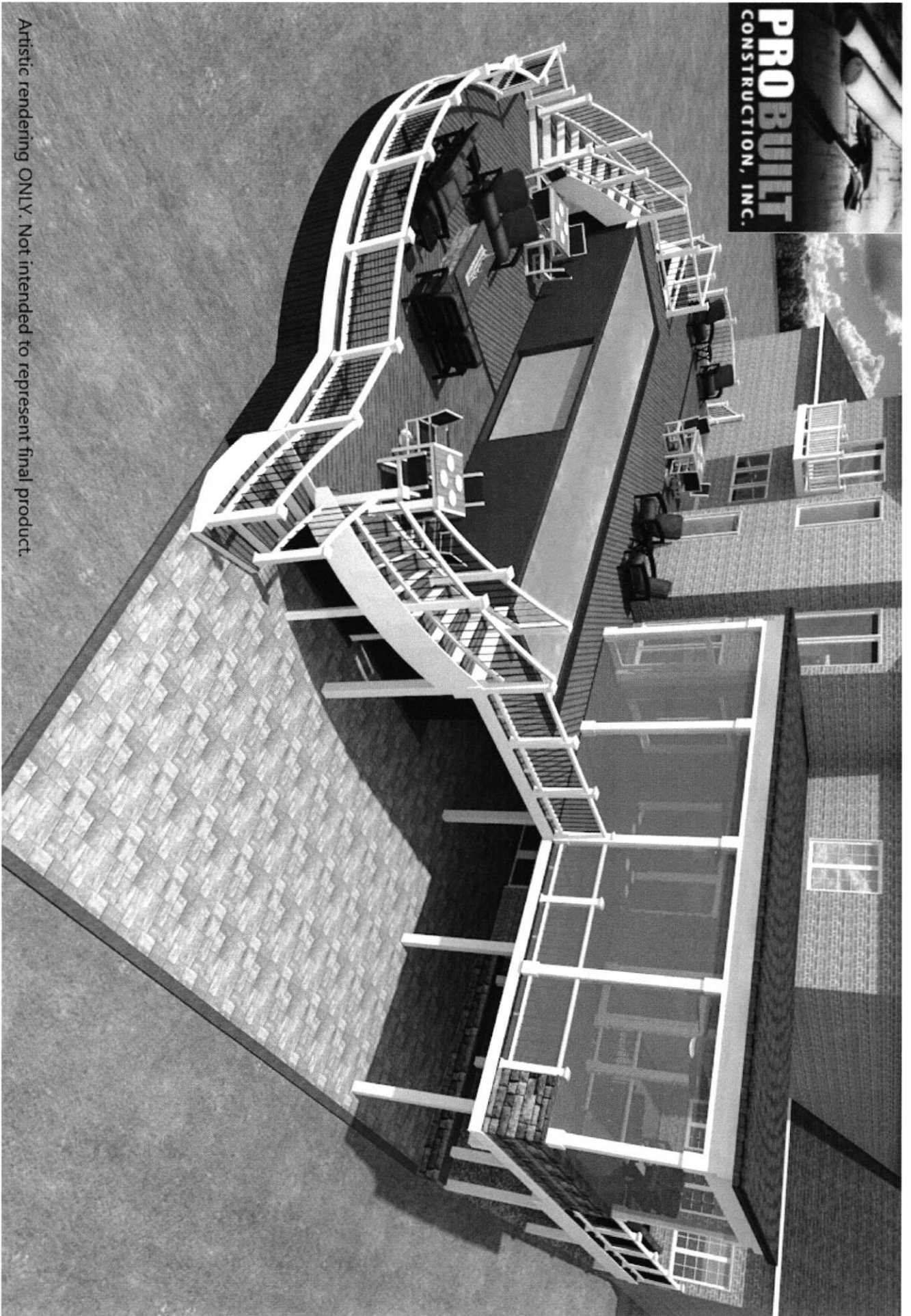






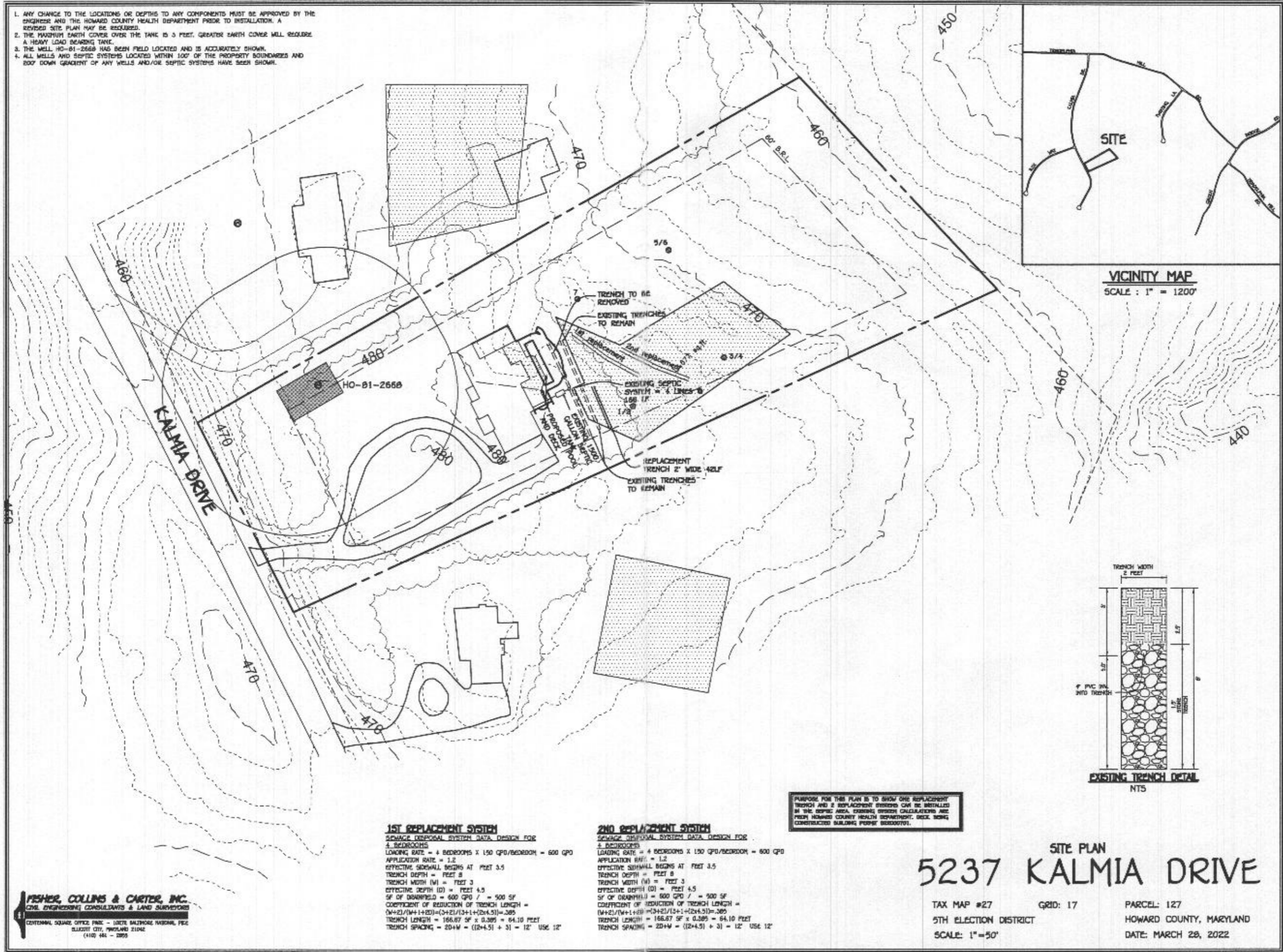


PROBUILT
CONSTRUCTION, INC.

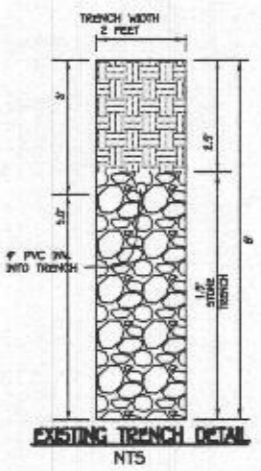


Artistic rendering ONLY. Not intended to represent final product.

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.
2. THE MAXIMUM EARTH COVER OVER THE TANK IS 3 FEET. GREATER EARTH COVER WILL REQUIRE A HEAVY LOAD BEARING TANK.
3. THE WELL HO-81-2668 HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN.
4. ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100' OF THE PROPERTY BOUNDARIES AND 800' DOWN GRADIENT OF ANY WELLS AND/OR SEPTIC SYSTEMS HAVE BEEN SHOWN.



VICINITY MAP
SCALE: 1" = 1200'



1ST REPLACEMENT SYSTEM
SEWAGE DISPOSAL SYSTEM DATA DESIGN FOR 4 BEDROOMS
LOADING RATE = 4 BEDROOMS X 150 GPD/BEDROOM = 600 GPD
APPLICATION RATE = 1.2
EFFECTIVE SIDEWALL BEIGNS AT FEET 3.5
TRENCH DEPTH = FEET 8
TRENCH WIDTH (W) = FEET 3
EFFECTIVE DEPTH (D) = FEET 4.5
SF OF GRANULAR = 600 GPD / 1.2 = 500 SF
COEFFICIENT OF REDUCTION OF TRENCH LENGTH = $(W+2)/(W+1+2D) = (3+2)/(3+1+(2x4.5)) = .385$
TRENCH LENGTH = 166.67 SF x 0.385 = 64.10 FEET
TRENCH SPACING = 20+W = (12+4.5) + 3 = 12' USE 12'

2ND REPLACEMENT SYSTEM
SEWAGE DISPOSAL SYSTEM DATA DESIGN FOR 4 BEDROOMS
LOADING RATE = 4 BEDROOMS X 150 GPD/BEDROOM = 600 GPD
APPLICATION RATE = 1.2
EFFECTIVE SIDEWALL BEIGNS AT FEET 3.5
TRENCH DEPTH = FEET 8
TRENCH WIDTH (W) = FEET 3
EFFECTIVE DEPTH (D) = FEET 4.5
SF OF GRANULAR = 600 GPD / 1.2 = 500 SF
COEFFICIENT OF REDUCTION OF TRENCH LENGTH = $(W+2)/(W+1+2D) = (3+2)/(3+1+(2x4.5)) = .385$
TRENCH LENGTH = 166.67 SF x 0.385 = 64.10 FEET
TRENCH SPACING = 20+W = (12+4.5) + 3 = 12' USE 12'

SITE PLAN
5237 KALMIA DRIVE

TAX MAP #27 GRID: 17 PARCEL: 127
5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1" = 50' DATE: MARCH 28, 2022

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
COTTREMAN SQUARE OFFICE BUILDING - 10276 BALDWIN ROAD, P.O. BOX 1100
BETHESDA, MD 20814
(301) 461-3895



ProBuilt Construction, Inc.
 13330 Clarksville Pike
 Highland, MD 20777
 (301) 854-0821

Sales Consultant
Ed Pacylowski

Design Consultant
Christina Speiden

Project Manager
Ryan Speiden

Date of Drawing
11/24/2021

Drawing Title
CONTRACT DIMENSIONAL PLAN

Drawing Scale
1/8" = 1'0"

Project Information
The Schoonmaker Residence
 5237 Kalmia Drive
 Dayton, MD 21036

Renderings, drawings, samples and other intellectual properties provided by ProBuilt Construction to the client above are for the express benefit of the client. Note that ProBuilt Construction has SOLE OWNERSHIP of all documents. Client can never own, use and/or distribute documents without written consent of ProBuilt Construction.

If client uses and/or distributes any 3D renderings, 2D drawings, and/or any other intellectual properties provided by ProBuilt Construction to a third party, an invoice of \$1,500 will be immediately sent to the client to cover the cost of the intellectual property used without permission of ProBuilt Construction and must be paid.

