



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](http://www.hchealth.org)  
Facebook: [www.facebook.com/hocohealth](http://www.facebook.com/hocohealth)

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

RECEIPT DATE: 9/25/19 **ONSITE SEWAGE DISPOSAL SYSTEM** P 5da384  
 APPROVAL DATE: 10/10/2019 **PERMIT: CONSTRUCTION** A \_\_\_\_\_  
 PROPERTY ADDRESS: 16455 Frederick Road  
 SUBDIVISION: Stanley Mill Property LOT: 8 TAX ID: \_\_\_\_\_  
 CONTRACTOR: Fogle's Septic Clean Inc. EMAIL: kim@foglesinc.com  
 CONTRACTOR ADDRESS: 580 Obrecht Road, Sykesville, MD 21784 PHONE: 410-795-5670  
 PROPERTY OWNER: Hari Bhakta Subedi Om Nath Subedi EMAIL: \_\_\_\_\_  
 OWNER ADDRESS: 16455 Frederick Road PHONE: 520-245-6265  
 SEPTIC TANK SIZE (GALLONS): 2000 TANK MANUFACTURER: Mayer Bros or equivalent  
 PUMP MODEL: N/A PUMP SIZE N/A PUMP TANK CAPACITY: 2000 *rb*

DISTRIBUTION SYSTEM:  GRAVITY  PRESSURE DOSED BEDROOMS: 6 APPLICATION RATE: 1.2

|           |   |  |
|-----------|---|--|
| TRENCHES: | LINEAR FEET REQUIRED: <u>83.25</u>  | INLET DEPTH: <u>3</u>                      |
|           | TRENCH WIDTH: <u>3</u>  | MAXIMUM BOTTOM DEPTH: <u>8</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 TANK LOCATIONS MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION. |  |
| NOTES:    |   |  |

ISSUED BY: Dana Bernard ISSUE DATE: 9/25/19 EXPIRATION DATE: 9/25/20

- 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 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 na
- 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  
AS BUILT

ROAD NAME

**TRENCH/DRAINFIELD DATA**

| WIDTH                   | INLET | BOTTOM   |
|-------------------------|-------|----------|
| 3'                      | 3'    | 8'       |
| NUMBER OF TRENCHES      |       | 2        |
| TOTAL LENGTH            |       | 90 F     |
| ABSORPTION AREA         |       | 270 SF + |
| DISTRIBUTION BOX LEVEL  |       | SPEED    |
| DISTRIBUTION BOX BAFFLE |       | YES      |
| DISTRIBUTION BOX PORT   |       | YES      |

SIDE WALL

**SEPTIC TANK DATA**

SEPTIC TANK 1 LEVEL YES

MANUFACTURER BABYLON

CAPACITY 2000 GAL

SEAM LOC TOP

TANK LID DEPTH 3' - 3.5'

BAFFLES YES

BAFFLE FILTER -

MANHOLE LOC FRONT/BACK

6" PORT LOC -

WATERTIGHT TEST -

SLOTTED YES

DATE ON LID 08/09/2019

**PUMP/SEPTIC TANK LEVEL**

MANUFACTURER \_\_\_\_\_

CAPACITY \_\_\_\_\_ GAL

SEAM LOC \_\_\_\_\_

TANK LID DEPTH \_\_\_\_\_

BAFFLES \_\_\_\_\_

BAFFLE FILTER \_\_\_\_\_

MANHOLE LOC \_\_\_\_\_

6" PORT LOC \_\_\_\_\_

WATERTIGHT TEST \_\_\_\_\_

SLOTTED \_\_\_\_\_

DATE ON LID \_\_\_\_\_

**PRE-CONSTRUCTION:**

10/18/2019 TANK LOC NOT STAKED. INFORMED BUILDER OF TIGHT SET BACKS TO PREP BIO POND. SHIFTED TRENCHES TO TOP OF SDA, 13' CENTER TO CENTER. OK TO START. (u)

**INSTALLATION:**

10/09/2019 SHC, SEWER LINE, TANK, D BOX SET. UPPER TRENCH IN PROGRESS. (u) 10/10/2019 TRENCHES COMPLETE. D BOX LEVELLED W/ SPEED LEVELS. OK TO BACKFILL. (u)

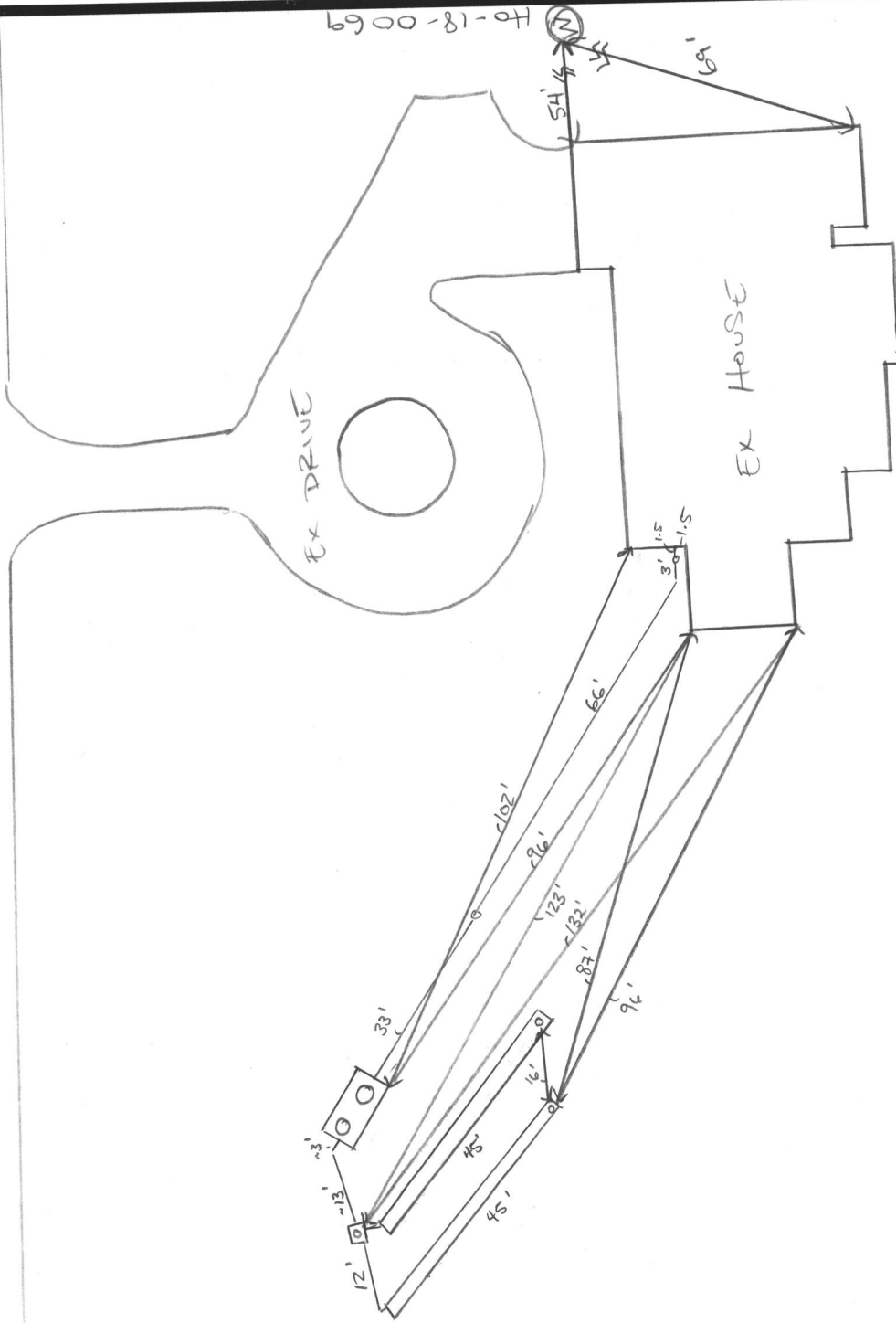
FINAL INSPECTOR

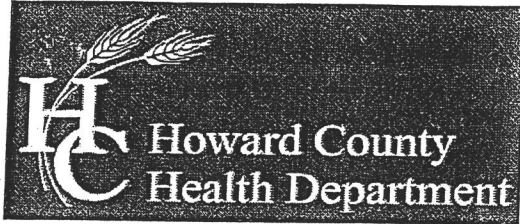
DATE OF APPROVAL

10/10/2019

NOT TO SCALE

FREDERICK ROAD





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

Twitter: HowardCoHealthDep

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

SEWAGE DISPOSAL SYSTEM SPECIFICATIONS WORKSHEET

Address: \_\_\_\_\_

Subdivision: Stanley Miller Lot: 8

323B, 324B, 323  
324B, 323, 325  
323, 325, 322

|                              |                              |  |                                |
|------------------------------|------------------------------|--|--------------------------------|
| Initial system:              | Application rate: <u>1.2</u> | Effective area beginning depth: <u>2.5</u> | Bottom maximum depth: <u>8</u> |
| 1 <sup>st</sup> Replacement: | Application rate: <u>0.8</u> | Effective area beginning depth: <u>3</u>   | Bottom maximum depth: <u>8</u> |
| 2 <sup>nd</sup> Replacement: | Application rate: <u>0.8</u> | Effective area beginning depth: <u>3</u>   | Bottom maximum depth: <u>8</u> |

Design Flow = 150 gallons per day per bedroom  
 Design flow ÷ application rate = square footage of drainfield required  
 Linear length of trench required = drainfield square footage x sidewall reduction percentage ÷ trench width

Sidewall reduction credit formula:

$$\frac{W + 2}{W + 1 + 2D} \times 100 = \text{Percent of length of standard trench where } W = \text{trench width and } D = \text{depth between effective area beginning depth and trench bottom.}$$

Standard design requirements:

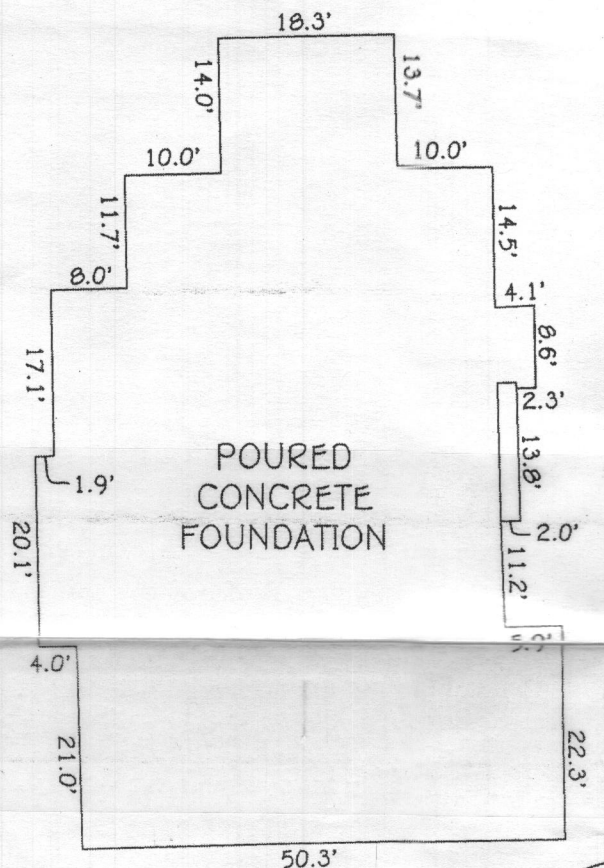
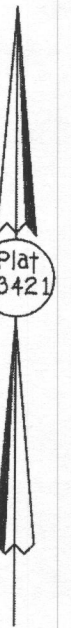
- Trenches must be located to provide room for 3 systems in the disposal area
- All trenches must be equal length unless low pressure dosed
- All trenches must be on contour
- Minimum trench spacing: 10' for all trenches utilizing sidewall reduction credit. Additional spacing may be necessary for any trench using over 3.5' of effective sidewall. In those cases, the spacing formula is 2D + W up to a maximum spacing of 18'.
- Minimum trench spacing for trenches with no sidewall credit (bottom area only) is 6' for a 2' wide trench and 9' for a 3' wide trench (spacing is measured edge to edge)
- Maximum trench length is 100'
- Maximum pipe depth is 4'

Additional requirements:

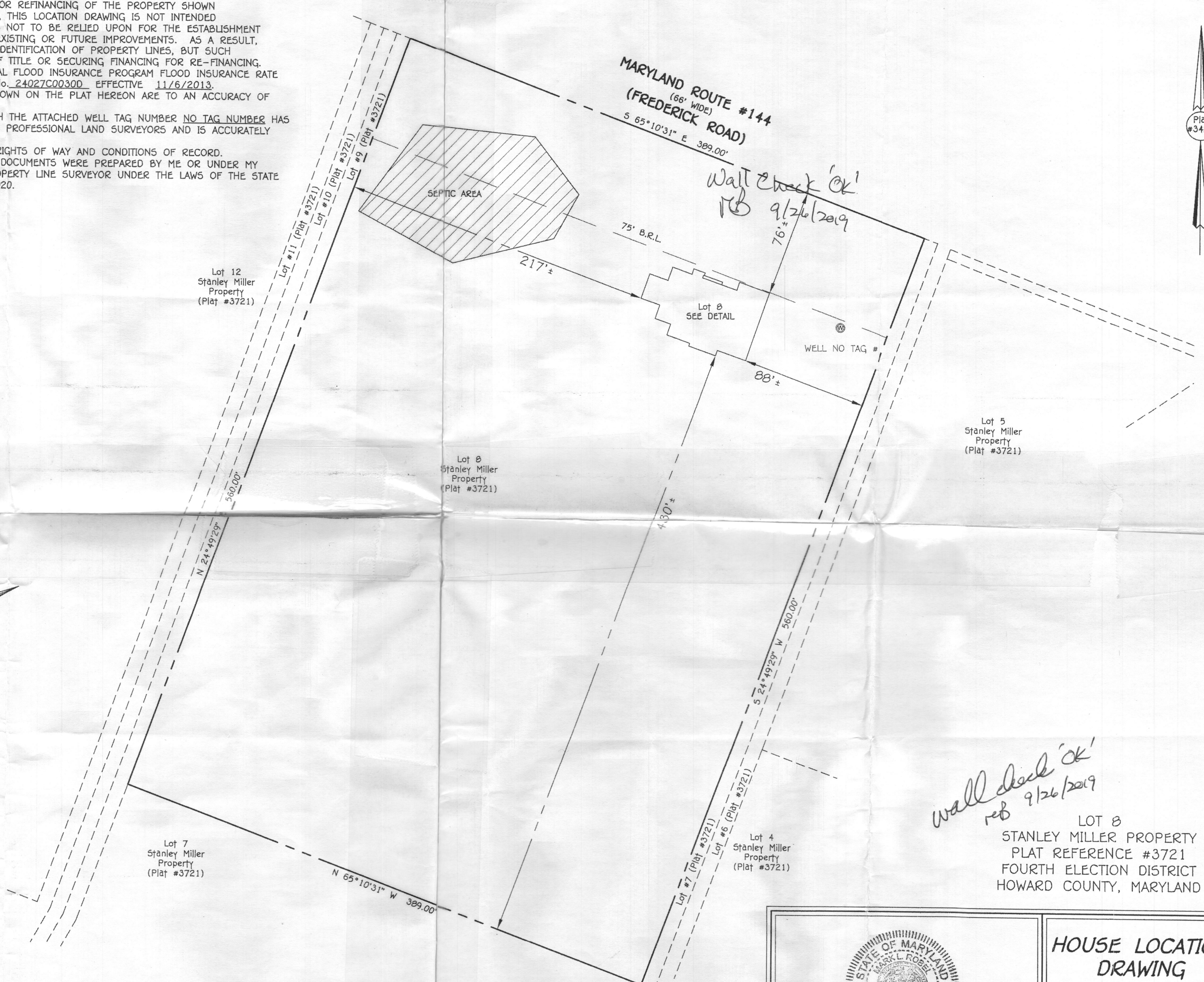
Approved: [Signature] Date: 4/3/2017

**GENERAL NOTES:**

- 1) THIS LOCATION DRAWING IS PREPARED FOR THE BENEFIT OF THE CLIENT SIGNING THE HOUSE LOCATION SURVEY APPROVAL FORM INsofar AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH THE CONTEMPLATED TRANSFER, FINANCING OR REFINANCING OF THE PROPERTY SHOWN HEREON. UNLESS INDICATED AS BEING A BOUNDARY SURVEY, THIS LOCATION DRAWING IS NOT INTENDED FOR USE IN THE ESTABLISHMENT OF PROPERTY LINES AND IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATIONS OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS. AS A RESULT, THIS LOCATION DRAWING DOES NOT PROVIDE FOR ACCURATE IDENTIFICATION OF PROPERTY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING FOR RE-FINANCING.
- 2) SUBJECT PROPERTY IS SHOWN IN ZONE X ON THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP OF HOWARD COUNTY, MARYLAND, COMMUNITY PANEL No. 24027C00300 EFFECTIVE 11/6/2013.
- 3) THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF PLUS OR MINUS 0.5'.
- 4) THE EXISTING WELL(S) SHOWN ON THIS PLAN (IDENTIFIED WITH THE ATTACHED WELL TAG NUMBER NO TAG NUMBER HAS BEEN FIELD LOCATED BY FISHER, COLLINS AND CARTER, INC. PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.
- 5) NO TITLE REPORT FURNISHED. SUBJECT TO ALL EASEMENTS, RIGHTS OF WAY AND CONDITIONS OF RECORD.
- 6) PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROPERTY LINE SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 339, EXPIRATION DATE 10/04/2020.
- 7) BUILDING PERMIT #B-19001026



DETAIL:  
1" = 20'



Wall check 'OK'  
reb 9/26/2019

Wall check 'OK'  
reb 9/26/2019

LOT 8  
STANLEY MILLER PROPERTY  
PLAT REFERENCE #3721  
FOURTH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
ELLCOTT CITY, MARYLAND 21042  
(410) 461 - 2955

#16455 FREDERICK ROAD  
B.R.L. BUILDING RESTRICTION LINE  
TOP OF FOUNDATION ELEVATION = 602.3'±

|  |  |
|--|--|
|  | <p><b>HOUSE LOCATION DRAWING</b></p>   |
|  | <p>FOUNDATION LOCATION: 8/27/19<br/>FINAL LOCATION: _____<br/>BOUNDARY SURVEY: _____</p>   |
| <p><i>Mark R. Pabel</i><br/>PROPERTY LINE SURVEYOR<br/>REG. #339</p> | <p>9/04/19<br/>DATE</p> <p>SCALE: 1" = 50'<br/>DATE: 9/4/19<br/>DRAWN BY: MD<br/>CHECKED BY: MLR<br/>PROJECT No.: 18033-6001</p> |