

Bureau of Environmental Health
 7178 Gateway Drive Columbia, MD 21046
 (410) 313-2640 Fax (410) 313-2648
 TDD (410) 313-2323 Toll Free 1-866-313-6300
 website: www.hchealth.org

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

RECEIPT DATE: 9/11/14

ONSITE SEWAGE DISPOSAL SYSTEM

P 554622

INSTALLATION

APPROVAL DATE: 10/29/2014

**PERMIT
CONSTRUCTION**

A _____

PROPERTY ADDRESS: 12307 Pleasant View Drive

SUBDIVISION: Fulton Manor II

LOT: 4

TAX ID: _____

CONTRACTOR: Freedom Septic Clean Inc.

EMAIL: _____

CONTRACTOR ADDRESS: 2809 Liberty Road, Eldersburg, MD 21784

PHONE: 410-795-2947

PROPERTY OWNER: Trinity Quality Homes

EMAIL: _____

OWNER ADDRESS: 3675 Park Avenue Ste 301, Ellicott City, MD 21043

PHONE: 443-324-9806

BAT UNIT MODEL: Norweco

BAT UNIT SIZE: 750GPD

PUMP CHAMBER CAPACITY (GALLONS): _____

PUMP SIZE: _____

NUMBER OF BEDROOMS: 4

HOUSE SQ. FT. _____

APPLICATION RATE: 0.8

DISTRIBUTION SYSTEM: GRAVITY FED

LOW PRESSURE DOSED

TRENCHES:	LINEAR FEET REQUIRED: <u>SEE BAT PLAN 240'</u>	INLET DEPTH: <u>SEE BAT PLAN 5'</u>
	TRENCH WIDTH: <u>SEE BAT PLAN 2'</u>	MAXIMUM BOTTOM DEPTH: <u>SEE BAT PLAN 9'</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>SEE BAT PLAN 8'</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>SEE BAT PLAN ~6.5'</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:	Set BAT unit per plan <u>3x80'</u>	

ISSUED BY: Jeff Williams

ISSUE DATE: 9-16-14

EXPIRATION DATE: 9/11/15

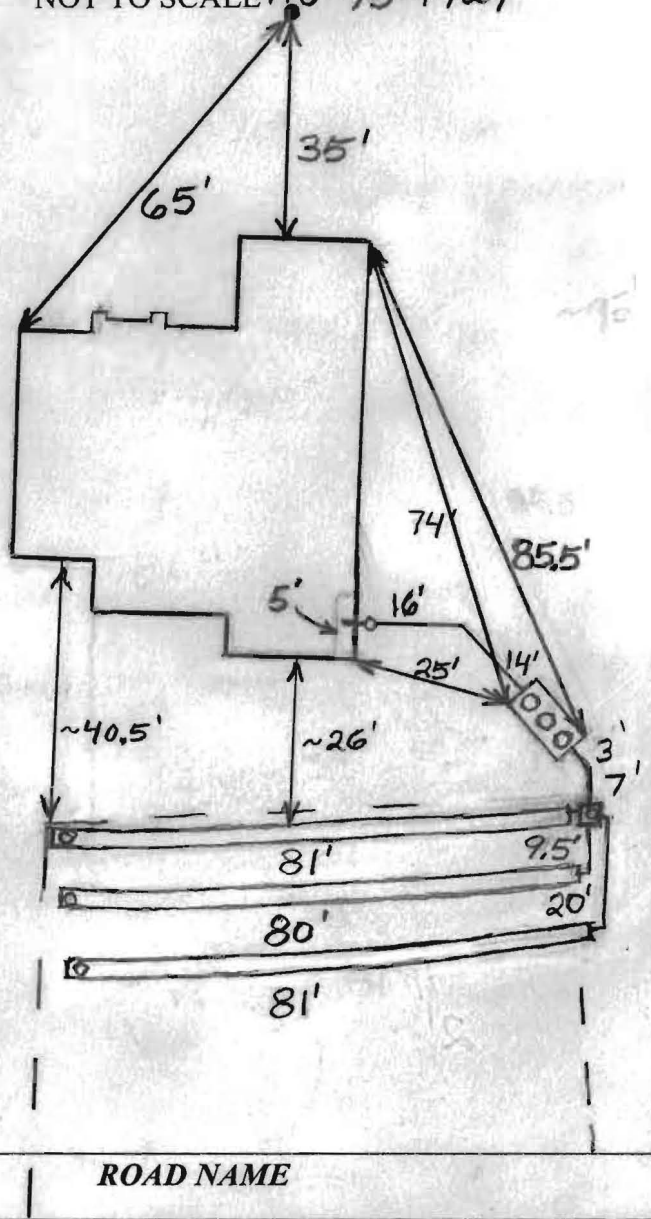
- NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION
- NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING
- NOTE: STONE MUST BE APPROVED BY HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FOR REVIEW.
- 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

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 HO-95-1929



TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
2'	5'	9'
NUMBER OF TRENCHES 3		
TOTAL LENGTH 242'		
ABSORPTION AREA 605		
DISTRIBUTION BOX LEVEL Levelers		
DISTRIBUTION BOX BAFFLE Yes		
DISTRIBUTION BOX PORT Yes		

SEPTIC TANK DATA

SEPTIC TANK I LEVEL	Yes
MANUFACTURER	Back River Precast Norweco
CAPACITY	1300 GAL
SEAM LOC	Top
TANK LID DEPTH	1-1.5'
BAFFLES	No
BAFFLE FILTER	N/A
MANHOLE LOC	Front, Middle, Rear
6" PORT LOC	None
WATERTIGHT TEST	No
SLOTTED	N/A
DATE ON LID	10/13/2014

PUMP/SEPTIC TANK LEVEL N/A

MANUFACTURER	
CAPACITY	GAL
SEAM LOC	
TANK LID DEPTH	
BAFFLES	
BAFFLE FILTER	
MANHOLE LOC	
6" PORT LOC	
WATERTIGHT TEST	
SLOTTED	
DATE ON LID	

PRE-CONSTRUCTION:

10/23/2014 Install tank per plan. Added one foot of sidewalk to trenches and shortened total trench length to 240'. Install three 80' trenches on contour across the highest usable part of the easement. No wall check in file. (BB)

INSTALLATION:

10/24/2014 Need house connection. Tank and dist. box installed (BB) 10/27/2014 System finished except for house connection. Received approval paper from Norweco representative. (BB) 10/29/2014 House connection made. (BB)

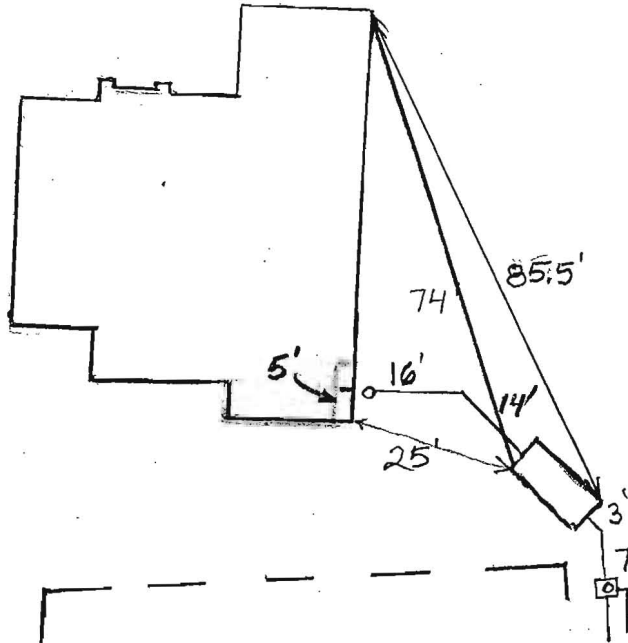
FINAL INSPECTOR

B. Baker

DATE OF APPROVAL

10/29/2014

NOT TO SCALE



TRENCH/DRAINFIELD DATA

WIDTH INLET BOTTOM

NUMBER OF TRENCHES

TOTAL LENGTH

ABSORPTION AREA

DISTRIBUTION BOX LEVEL

DISTRIBUTION BOX BAFFLE

DISTRIBUTION BOX PORT Yes

SEPTIC TANK DATA

SEPTIC TANK I LEVEL Yes

MANUFACTURER Back River Precast Norweco

CAPACITY 1300 GAL

SEAM LOC Top

TANK LID DEPTH 1'-1.5'

BAFFLES No

BAFFLE FILTER N/A

MANHOLE LOC Front, Middle + Rear

6" PORT LOC None

WATERTIGHT TEST No

SLOTTED N/A

DATE ON LID 10/13/2014

PUMP/SEPTIC TANK LEVEL N/A

MANUFACTURER

CAPACITY GAL

SEAM LOC

TANK LID DEPTH

BAFFLES

BAFFLE FILTER

MANHOLE LOC

6" PORT LOC

WATERTIGHT TEST

SLOTTED

DATE ON LID

ROAD NAME

PRE-CONSTRUCTION:

10/23/2014 Install tank per plan. Added one foot of sidewalk to trenches and shortened total trench length to 240'. Install three 30' trenches on contour across the highest usable part of the easement. BB

INSTALLATION: 10/24/2014 Need house connection, Tank and dist. box installed. BB

FINAL INSPECTOR DATE OF APPROVAL

Back River Pre-Cast, LLC

PO BOX 329
Glyndon, MD 21071
Phone # 410-833-3394
Fax # 410-833-4116

Letter of Certification

This is to certify that the Norweco Singlair TNT 600 GPD Septic Tank installed at 12307 Pleasant View Dr., Highland, MD 20777 October 24, 2014 was installed according to the manufacture's specifications.

Installer: Daniel Farrow



MATTHEW GECKLE

Vice-President

Back River Pre-Cast, LLC

PO BOX 329
Glyndon, MD 21071
Phone # 410-833-3394
Fax # 410-833-4116

Letter of Certification

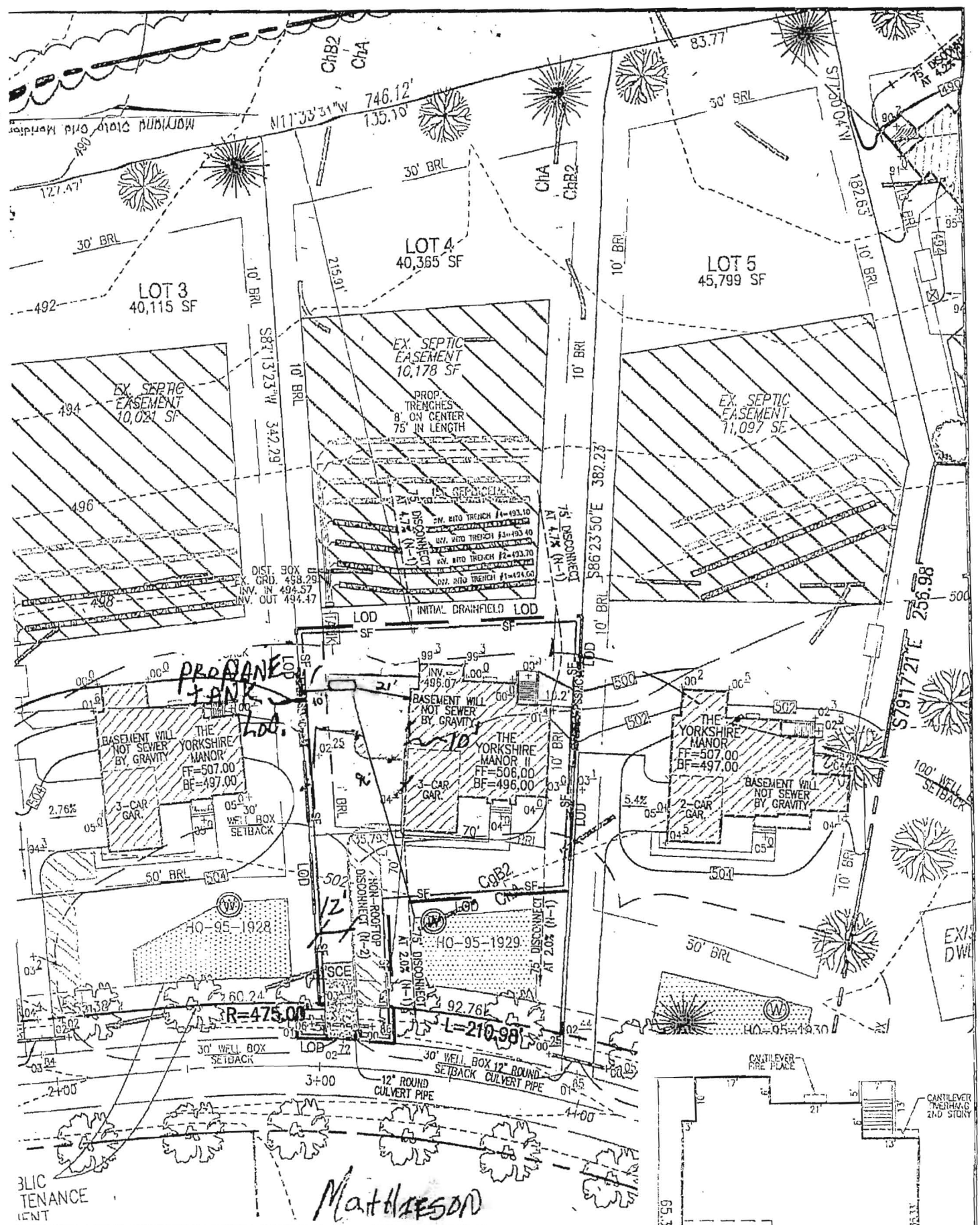
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Installer: Daniel Farrow



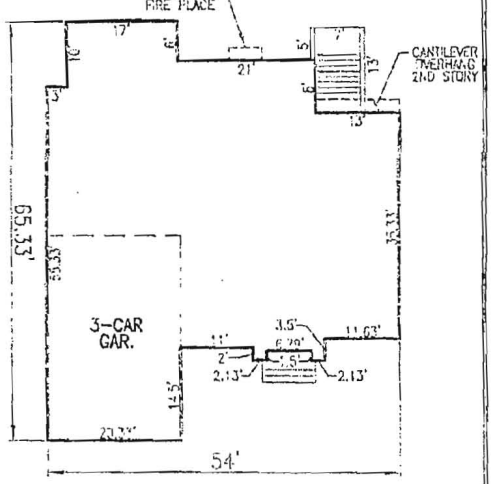
MATTHEW GECKLE

Vice-President



Matthewson

NOTE:
 - SILT FENCE IS TO BE REPLACED WITH SUPER SILT FENCE AT THE DIRECTION OF THE SEDIMENT CONTROL INSPECTOR.



THE YORKSHIRE MANOR II
 W/ BRICK VENEER
 SCALE: 1"=30'

OWNER

TRINITY QUALITY HOMES, INC.
 3675 PARK AVENUE
 SUITE 301
 ELLICOTT CITY, MD 21043
 (410) 480-0023

EXISTING WELL SHOWN ON LOT 4
 NO. 95-1929 HAS BEEN FIELD LOCATED
 ROBERT H. VOGEL ENGINEERING, INC.,
 IS ACCURATELY SHOWN.

BUILDING OF LOT 4 FLOOR AREAS:
 GEMENT FLOOR AREA: 1970
 1ST FLOOR AREA: 1990
 2ND FLOOR AREA: 1630
 ROOMS: 4

NOTE: STORMWATER MANAGEMENT FOR THIS LOT
 PROVIDED BY ROOFTOP DISCONNECTS (N-1),
 NON-ROOFTOP DISCONNECTS (N-2).

BUILDING PERMIT NO. _____

- NON-ROOFTOP DISCONNECT (N-2)
- DRAINAGE AREA TO ROOFTOP DISCONNECT (N-1) (PER F-08-102)
- ROOF TOP DISCONNECT (N-1)

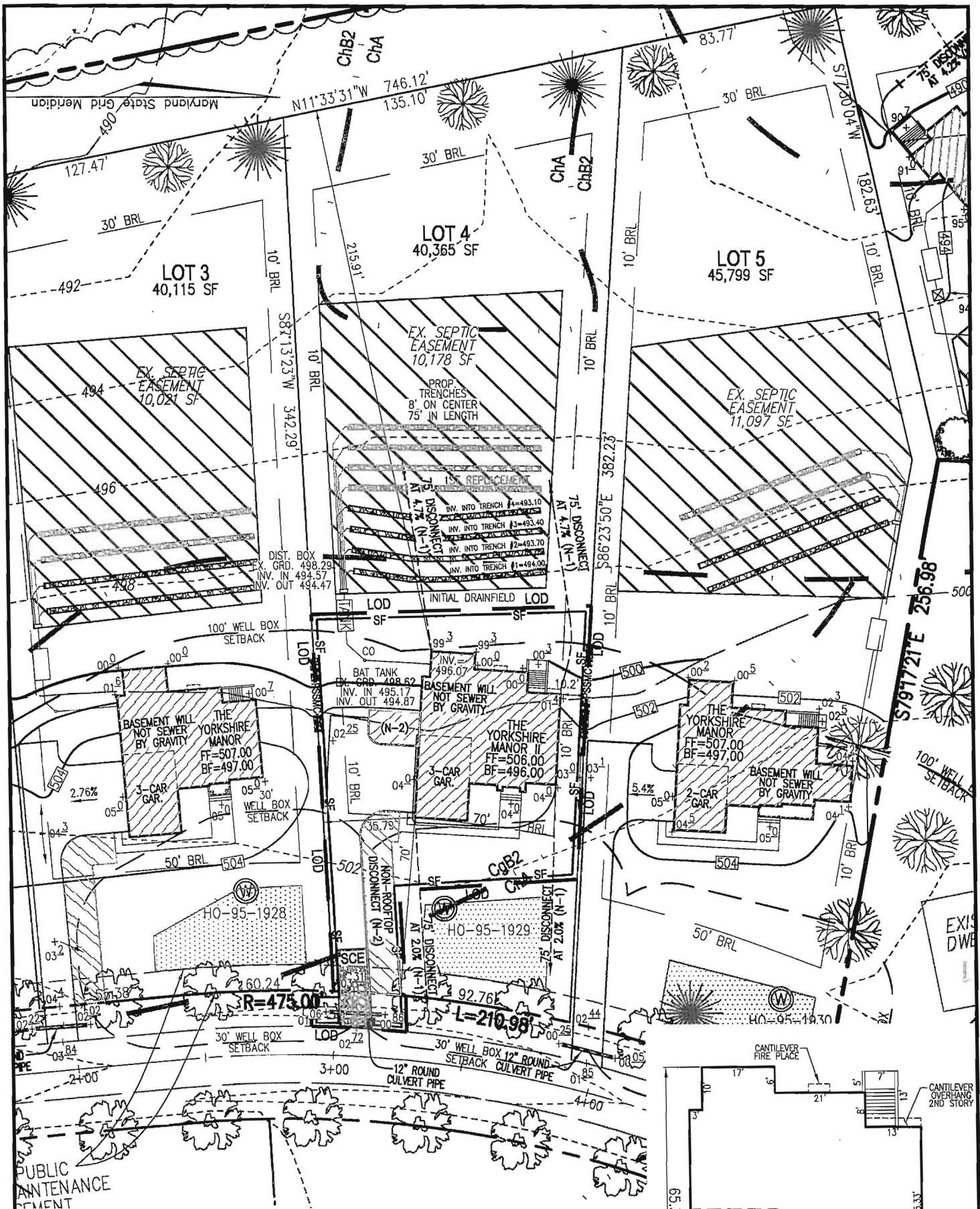
SCALE: 1"=50'
 DRAWN BY: JMR
 CHECKED BY: RHV
 DATE: MAY 2014
 PROJECT #: 13-33
 SHEET #: 1 OF 1

PLOT PLAN
FULTON MANOR II
LOT 4

REF: F-08-102
 TAX MAP 40 PARCEL 205
 BLOCK 6
 5TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

ADDRESS
 PLEASANT VIEW DRIVE
 FULTON, MD 20759
 F-08-102

ROBERT H. VOGEL ENGINEERING, INC.
 ENGINEERS • SURVEYORS • PLANNERS
 8407 MAIN STREET ELLICOTT CITY, MD 21043
 TEL: 410.461.7666 FAX: 410.461.8961



THE EXISTING WELL SHOWN ON LOT 4 TAG NO. 95-1929 HAS BEEN FIELD LOCATED BY ROBERT H. VOGEL ENGINEERING, INC., AND IS ACCURATELY SHOWN.

BUILDING OF LOT 4 FLOOR AREAS:
 BASEMENT FLOOR AREA: 1970
 FIRST FLOOR AREA: 1990
 SECOND FLOOR AREA: 1620
 BEDROOMS: 4

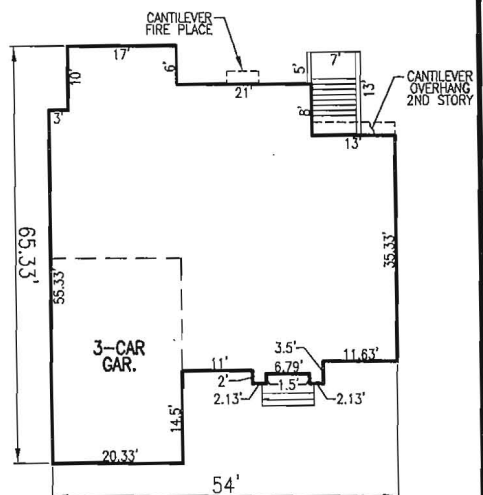
NOTE: STORMWATER MANAGEMENT FOR THIS LOT IS PROVIDED BY ROOFTOP DISCONNECTS (N-1), AND NON-ROOFTOP DISCONNECTS (N-2).

BUILDING PERMIT NO. _____

NOTE:

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- NON-ROOFTOP DISCONNECT (N-2)
- DRAINAGE AREA TO ROOFTOP DISCONNECT (N-1) (PER F-08-102)
- ROOF TOP DISCONNECT (N-1)



THE YORKSHIRE MANOR II

W/ BRICK VENEER
 SCALE: 1"=30'

OWNER

TRINITY QUALITY HOMES, INC.
 3675 PARK AVENUE
 SUITE 301
 ELLICOTT CITY, MD 21043
 (410) 480-0023

SCALE: 1"=50'
 DRAWN BY: JMR
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**PLOT PLAN
 FULTON MANOR II
 LOT 4**

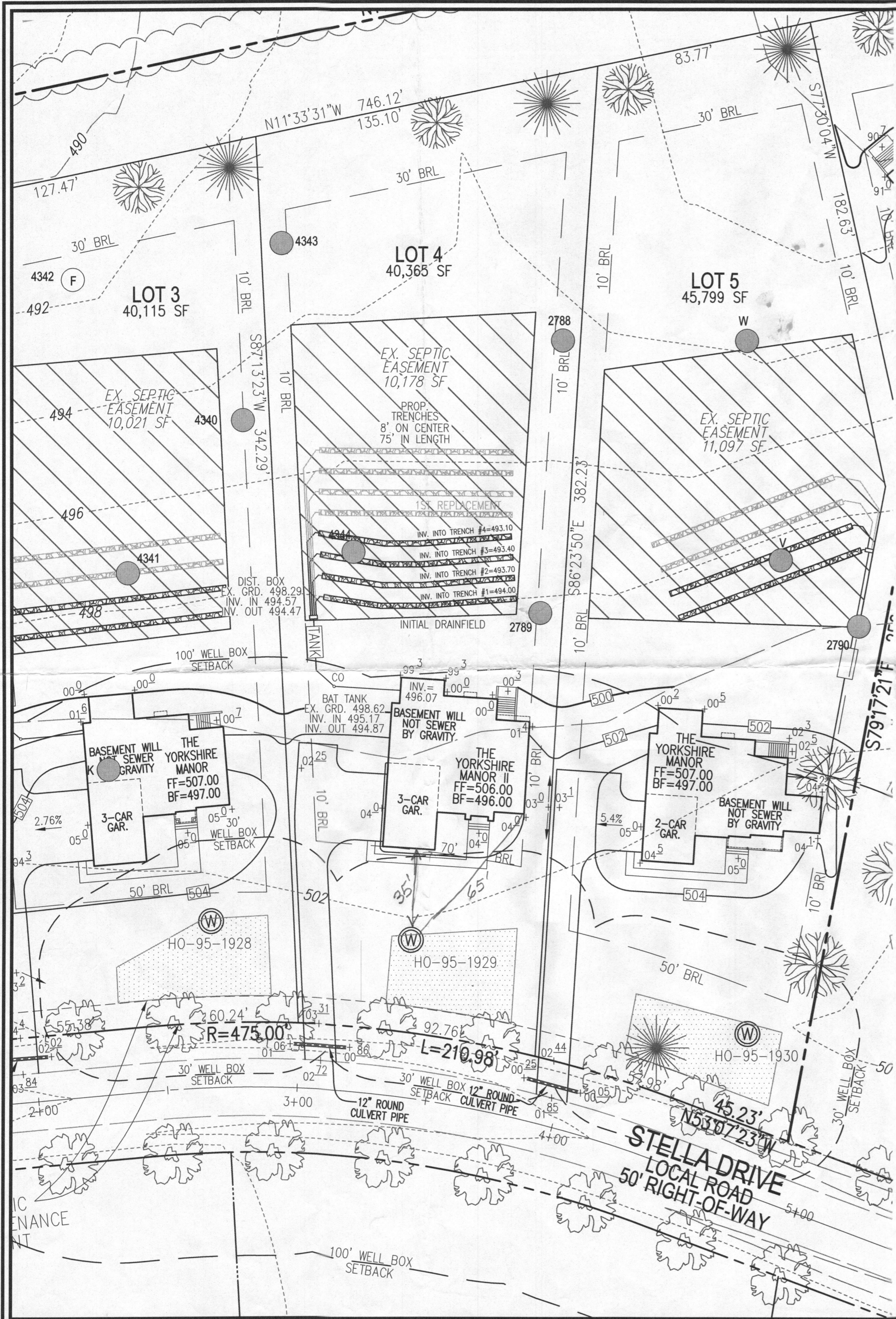
REF: F-08-102
 TAX MAP 40 PARCEL 205
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 HOWARD COUNTY, MARYLAND

ADDRESS

PLEASANT VIEW DRIVE
 FULTON, MD 20759
 F-08-102

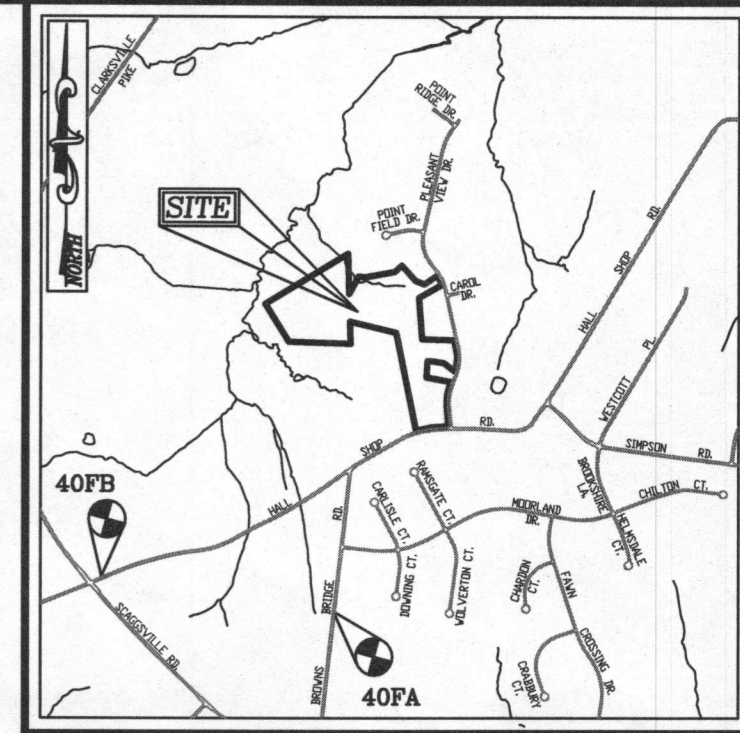


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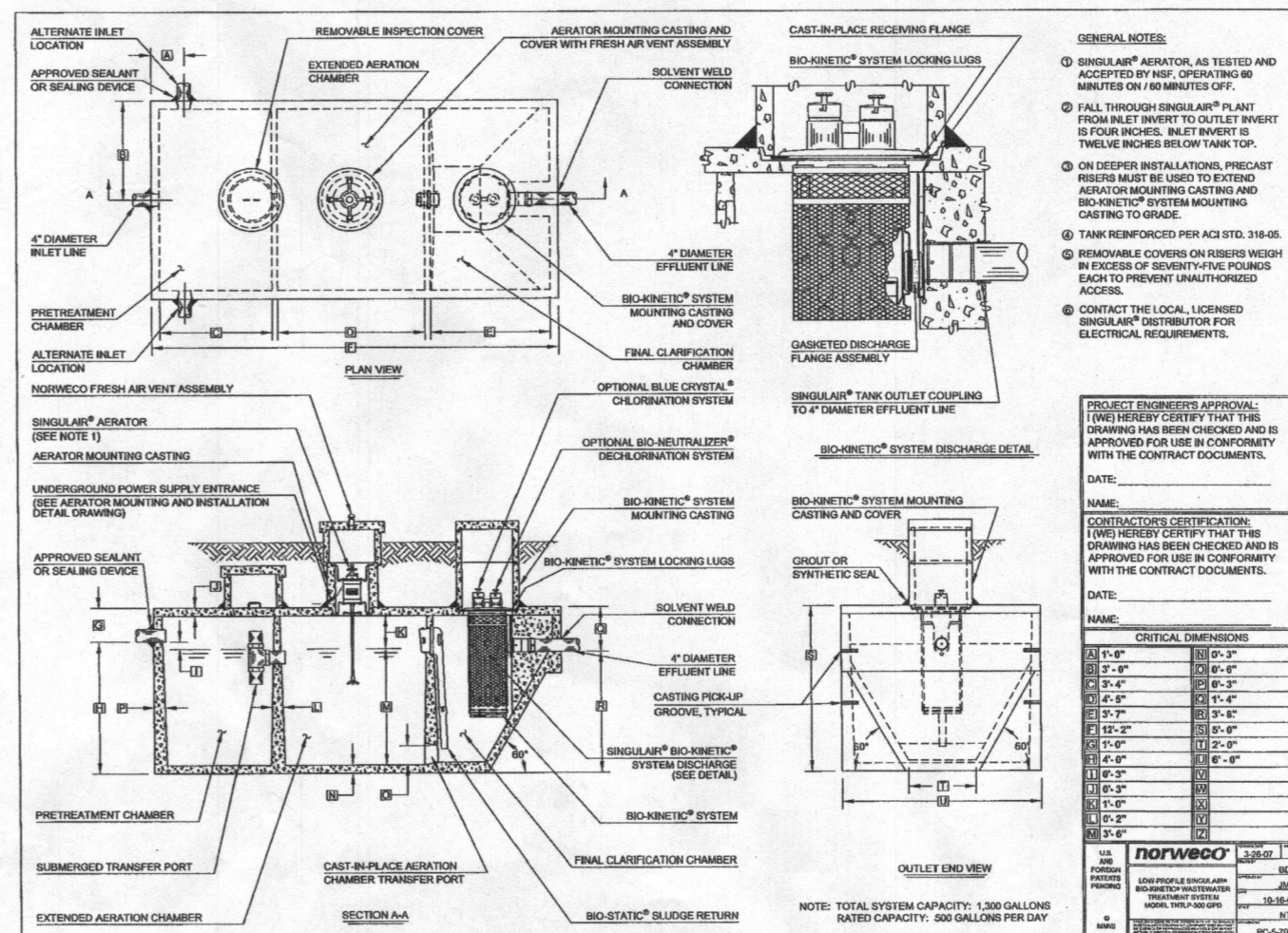


GENERAL NOTES:

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 DEPTH OF THE BAT PER THE MANUFACTURER'S SPECIFICATION IS 3 FEET.
3. NO BLOWER IS REQUIRED. THE NORWECO WASTEWATER TREATMENT SYSTEM HAS AN AERATOR MOUNTED IN THE TANK.
4. THE BAT SYSTEM SHALL BE MAINTAINED AND OPERATED FOR THE LIFE OF THE SYSTEM.
5. THE BAT SHALL BE OPERATED BY AND MAINTAINED BY A CERTIFIED SERVICE PROVIDER.
6. WITHIN ONE MONTH OF INSTALLATION, A PERSON INSTALLING THE BAT SYSTEM SHALL REPORT TO THE MARYLAND DEPARTMENT OF THE ENVIRONMENT (MDE) IN A MANNER ACCEPTABLE TO MDE, THE ADDRESS AND DATE OF COMPLETION OF THE BAT INSTALLATION AND THE TYPE OF BAT INSTALLED.
7. ELECTRICAL WORK FOR THE BAT INSTALLATION MUST BE PERFORMED BY A LICENSED ELECTRICIAN.
8. AN AGREEMENT AND EASEMENT MUST BE COMPLETED AND SIGNED BY ALL APPLICABLE PARTIES, AND RECORDED IN LAND RECORDS OF HOWARD COUNTY.
9. THE HEALTH DEPARTMENT REQUIRES DOCUMENTATION FOR THE START-UP CERTIFICATION FROM THE MANUFACTURER PRIOR TO FINAL APPROVAL OF THE INSTALLATION.

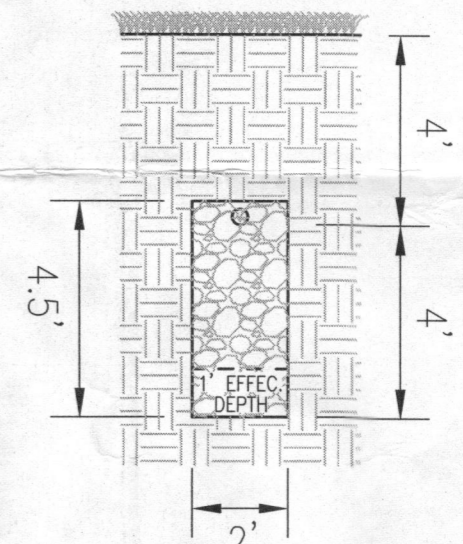
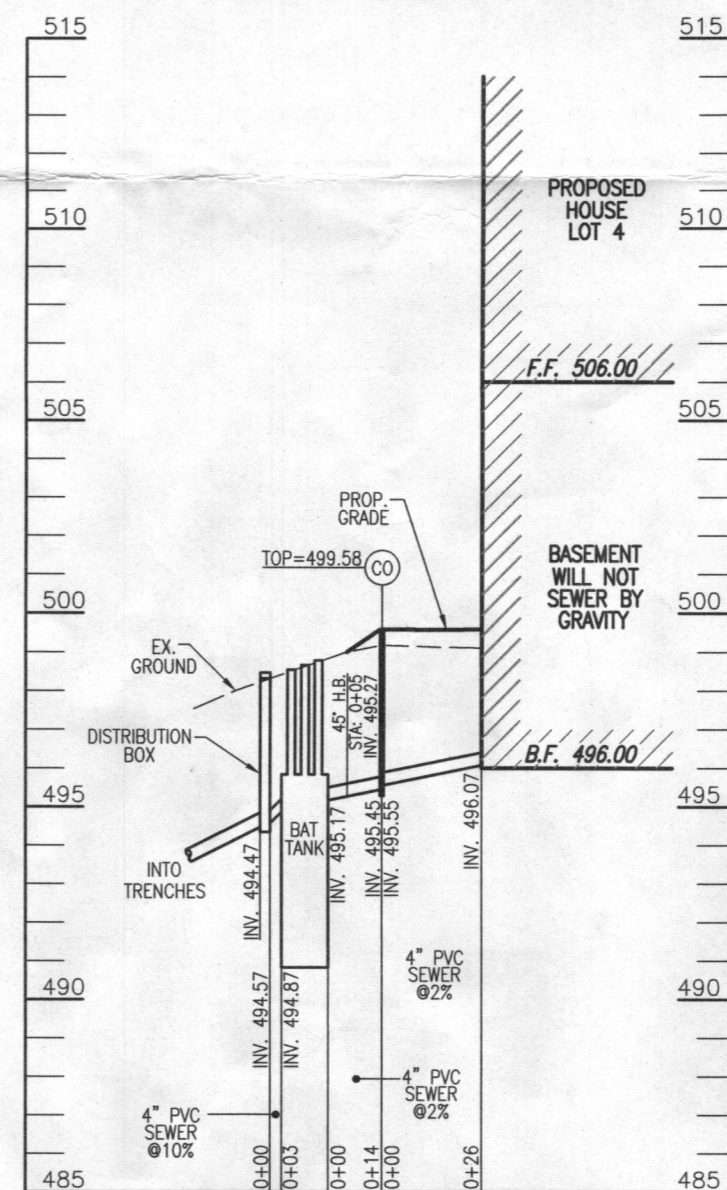


VICINITY MAP
SCALE: 1"=2000'



LEGEND

- EXISTING 2' CONTOUR ----- 382
- EXISTING 10' CONTOUR ----- 380
- RIGHT-OF-WAY -----
- BOUNDARY -----
- ADJACENT BOUNDARY -----
- PASSED PERC. TEST (F)
- FAILED PERC. TEST (F)
- EXISTING WELL FIELD LOCATED (W)
- APPROVED WELL AREA (W)



TRENCH INFO.				
TRENCH	TRENCH LENGTH	INV. INTO TRENCH	BOTTOM OF TRENCH	EXISTING GROUND
1	75'	494.00	490.00	498.00
2	75'	493.70	489.70	497.70
3	75'	493.40	489.40	497.40
4	75'	493.10	489.10	497.10

OWNER/DEVELOPER

TRINITY HOMES
3675 PARK AVENUE, SUITE 301
ELLICOTT CITY, MARYLAND 21043
(410) 480-0023

SITE PLAN FOR BAT INSTALLATION

FULTON MANOR II - LOT 4
STELLA DRIVE
FULTON, MD 20759

TAX MAP: 40 BLOCK: 6
5TH ELECTION DISTRICT

PARCEL: 205 & 94
ZONED: RR-DEO
HOWARD COUNTY, MARYLAND

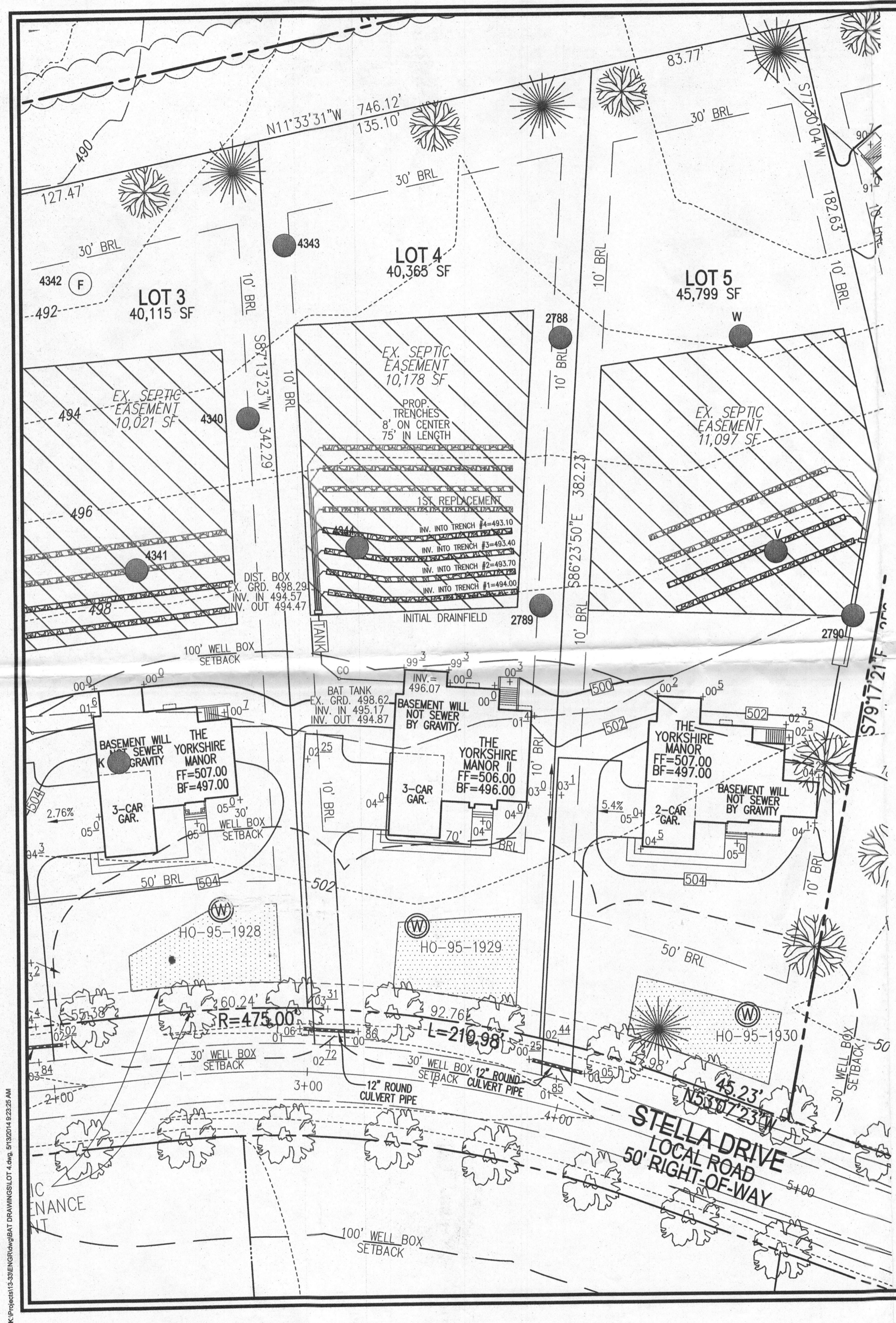
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8407 MAIN STREET, ELLICOTT CITY, MD 21043
TEL: 410.461.7666 FAX: 410.461.8961



DESIGN BY: RHV Approved Septic System Plan
DRAWN BY: JMR Howard County Health Department
CHECKED BY: RHV
DATE: MAY 2014
SCALE: 1"=30'
W.O. NO.: 13-33

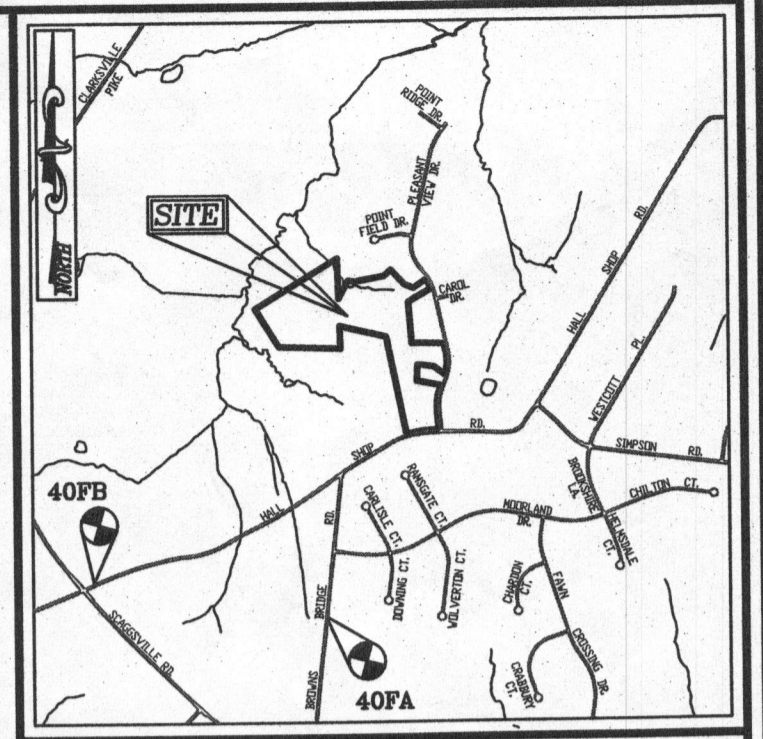
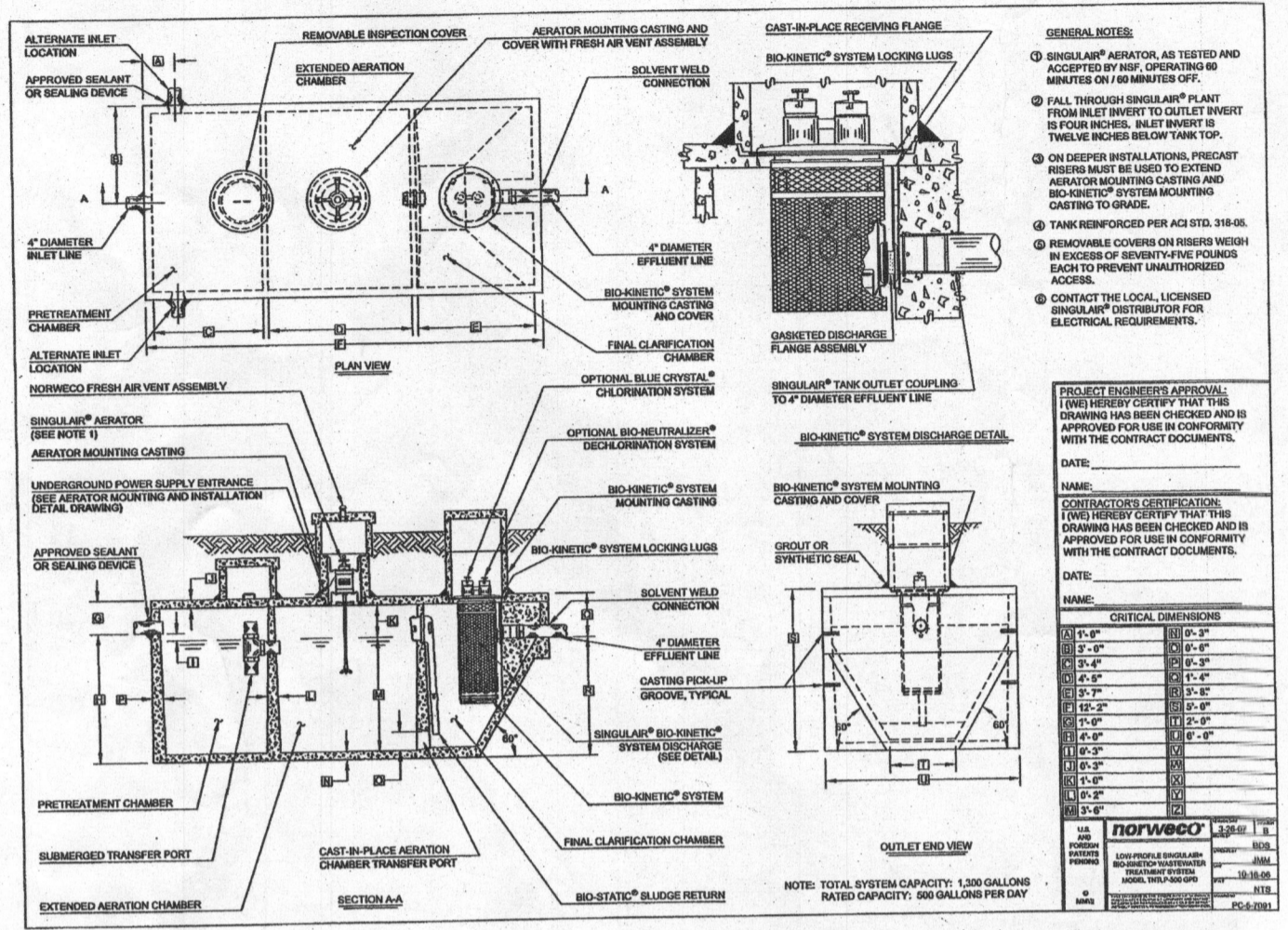
SYSTEM CALCULATIONS:
4 BEDROOMS AT 600gpd / 0.8 ABSORPTION RATE = 750 SQ. FT.
750 SQ. FT. / 2 (TRENCH WIDTH) x .80 (SIDEWALL REDUCTION) = 300 LINEAR FEET
4 TRENCHES OF 75 FEET IN LENGTH ARE PROVIDED WITH THE SYSTEM FOR LOT 4.

THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS EASEMENT ARE RESTRICTED. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A REVISED SEWAGE EASEMENT SHALL NOT BE NECESSARY.



GENERAL NOTES:

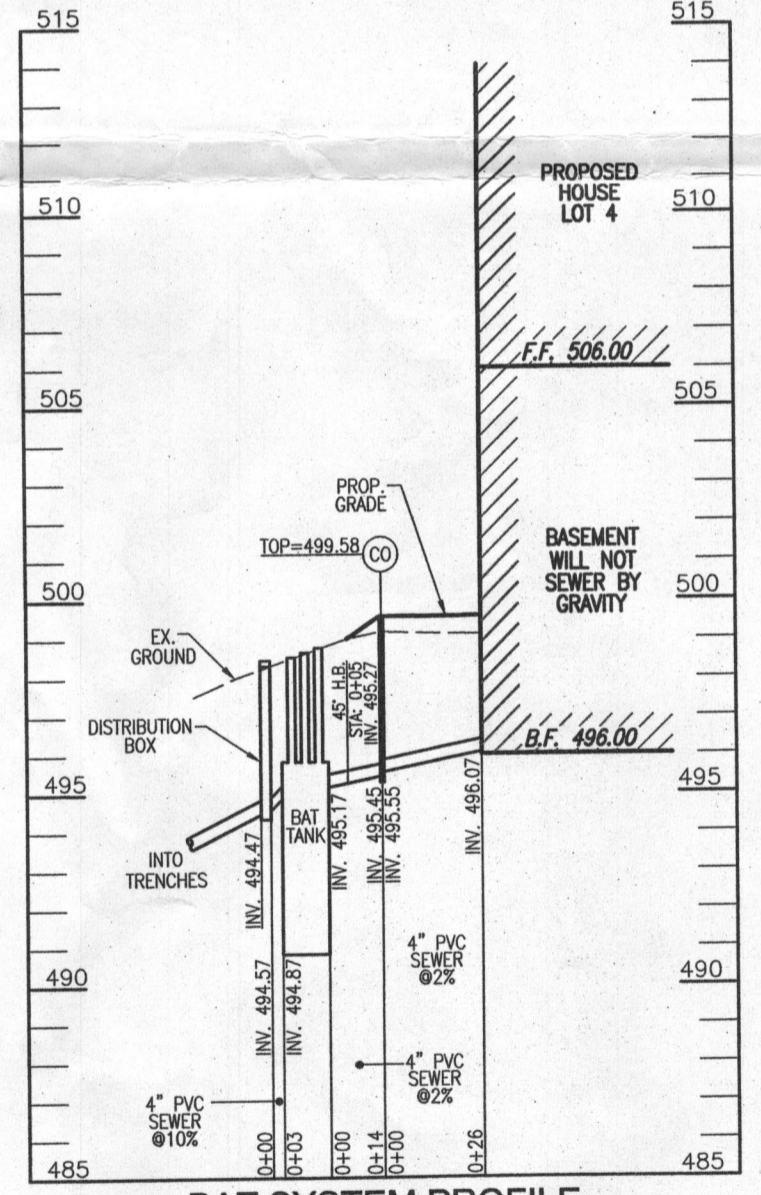
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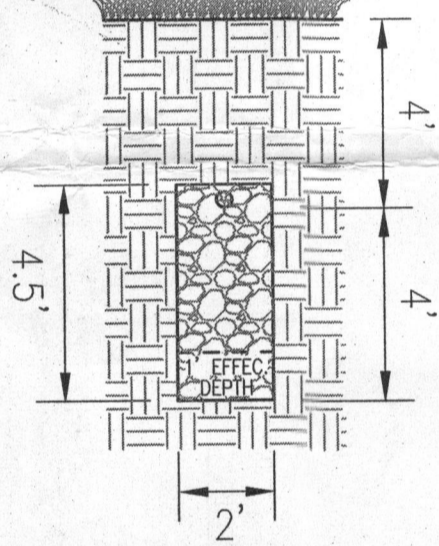
VICINITY MAP
SCALE: 1"=2000'

LEGEND

- EXISTING 2' CONTOUR ——— 382
- EXISTING 10' CONTOUR ——— 380
- RIGHT-OF-WAY ———
- BOUNDARY ———
- ADJACENT BOUNDARY ———
- PASSED PERC. TEST (F)
- FAILED PERC. TEST (W)
- EXISTING WELL FIELD LOCATED (W)
- APPROVED WELL AREA (stippled)



BAT SYSTEM PROFILE
SCALE: HORIZONTAL - 1"=50'
VERTICAL - 1"=5'



TRENCH DETAIL
SCALE: 1"=4'

TRENCH INFO.

TRENCH	TRENCH LENGTH	INV. INTO TRENCH	BOTTOM OF TRENCH	EXISTING GROUND
1	75'	494.00	490.00	496.00
2	75'	493.70	489.70	497.70
3	75'	493.40	489.40	497.40
4	75'	493.10	489.10	497.10

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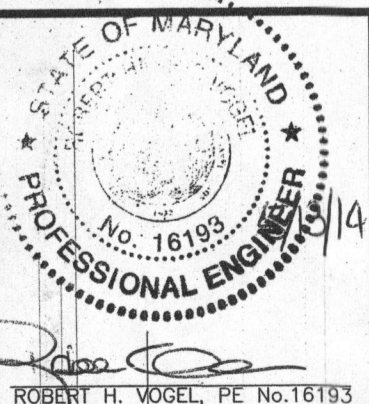
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FULTON MANOR II - LOT 4
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FULTON, MD 20759

TAX MAP: 40 BLOCK: 6
5TH ELECTION DISTRICT

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DRAWN BY: JMR
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SCALE: 1"=30'
W.O. NO.: 13-33

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