



Howard County
Health Department

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: 12/17/12

ONSITE SEWAGE DISPOSAL SYSTEM

P 544409-N

INSTALLATION
APPROVAL DATE: 7/23/2013

**PERMIT
CONSTRUCTION**

A _____

PROPERTY ADDRESS: 13706 Wye River Drive

SUBDIVISION: Castleberry at Ten Oaks

LOT: 2 TAX ID: 05-447038

CONTRACTOR: Trinity Quality Homes

EMAIL: _____

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

PHONE: 410-480-0023

PROPERTY OWNER: Trinity Quality Homes

EMAIL: _____

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

PHONE: 443-324-9806

SEPTIC TANK SIZE (GALLONS): 2000

PUMP CHAMBER CAPACITY (GALLONS): _____

PUMP SIZE: _____

NUMBER OF BEDROOMS: 4

HOUSE SQ. FT. 4,662

APPLICATION RATE: 0.8

DISTRIBUTION SYSTEM: GRAVITY FED ☒

LOW PRESSURE DOSED ☐

TRENCHES:

LINEAR FEET REQUIRED: 164' 170'

TRENCH WIDTH: 2

MINIMUM SPACE
BETWEEN TRENCHES: 8

INLET DEPTH: 4.5'

MAXIMUM BOTTOM DEPTH: 8

EFFECTIVE AREA BEGINNING DEPTH: 5

LOCATION:

PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.

NOTES:

Set septic tank at septic reserve boundary. Install c/o at bend in SHC. Lay last 10 feet of SHC AT 1% -2.5% grade. Set distribution box in upper septic reserve about 10 feet from reserve boundary. Install 2 x 82' trenches on contour in upper septic reserve.

2 x 85' Trenches

ISSUED BY: Robert Bricker

ISSUE DATE: 6-4-13

EXPIRATION DATE: 12/17/13

- 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 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

**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

30

70'

85'

66.5'

11.5'

38.5'

48'

17'

5'

8'

14'

82'

~110'

~128'

ROAD NAME

NUMBER OF TRENCHES 2
TOTAL LENGTH 164'
ABSORPTION AREA 492
DISTRIBUTION BOX LEVEL Levelers
DISTRIBUTION BOX BAFFLE Yes
DISTRIBUTION BOX PORT Yes

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 _____~~

7/5/2013 Install two 85' or longer trenches on contour across the top of the easement. Set the tank right in front of the top corner easement stake. (BB)

INSTALLATION: 7/11/2013 Need house connection. Tank set.

7/12/2013 System finished except for house connection (BB)

7/23/2013 House connection made. (BB)

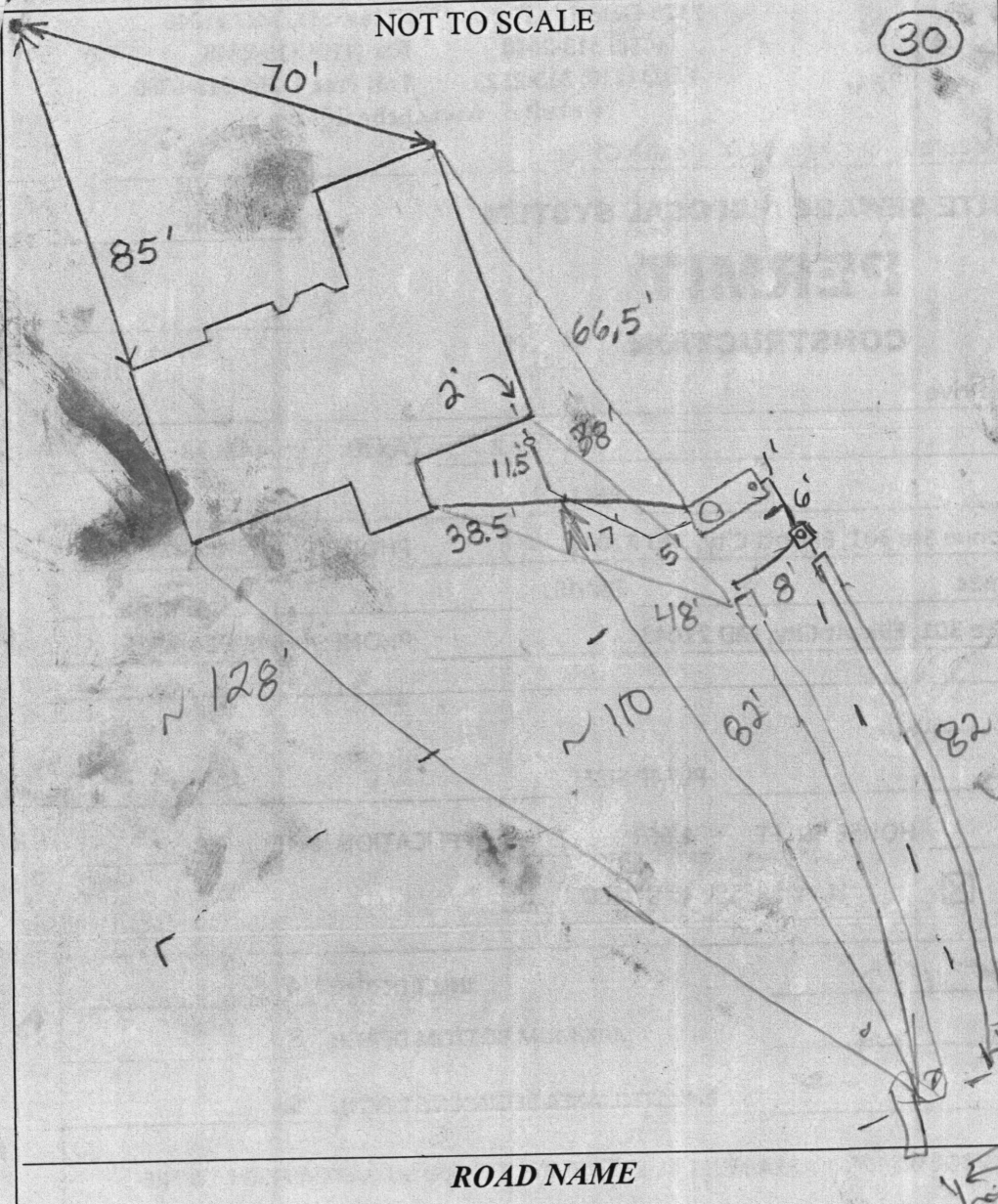
B. Baker

DATE OF APPROVAL 7/23/2013

10-95-0430

NOT TO SCALE

(30)

**TRENCH/DRAINFIELD DATA**

WIDTH INLET BOTTOM

2' 4.5' 8'
 NUMBER OF TRENCHES 2
 TOTAL LENGTH 164'
 ABSORPTION AREA _____
 DISTRIBUTION BOX LEVEL Levellers
 DISTRIBUTION BOX BAFFLE Yes
 DISTRIBUTION BOX PORT Yes

SEPTIC TANK DATASEPTIC TANK 1 LEVEL YesMANUFACTURER BabylonCAPACITY 2000 GALSEAM LOC TopTANK LID DEPTH 2'-3'BAFFLES Front + RearBAFFLE FILTER NoMANHOLE LOC Front6" PORT LOC RearWATERTIGHT TEST NoSLOTTED YesDATE ON LID 5/20/2013PUMP/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:

7/5/2013 Install two 85' or longer trenches on contour across the top of the easement. Set the tank right in front of the top corner easement stake. (BB)

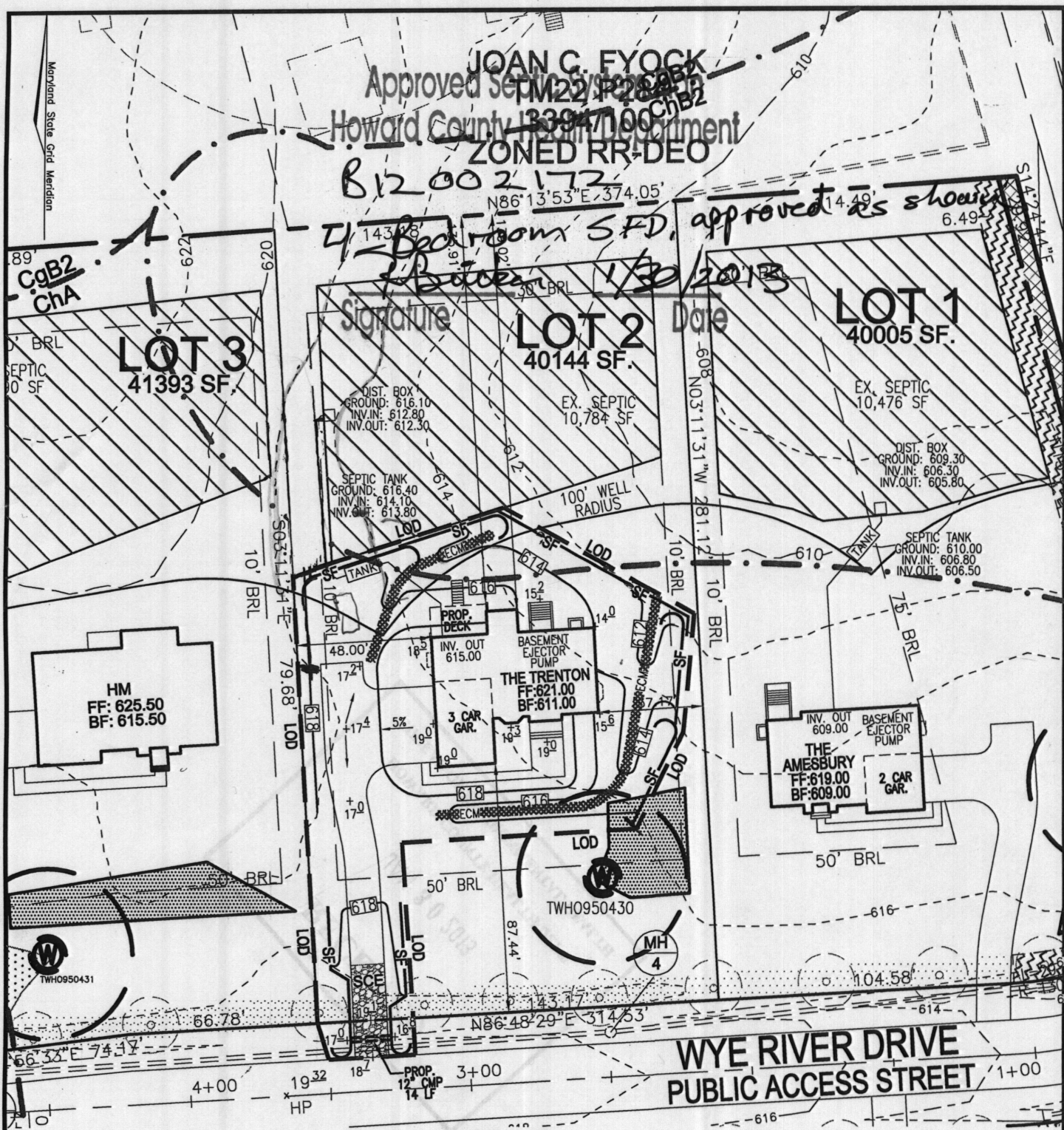
INSTALLATION:

7/11/2013 Need house connection. Tank set.

7/12/2013 Need house connection. Rest done. (BB)

FINAL INSPECTOR _____

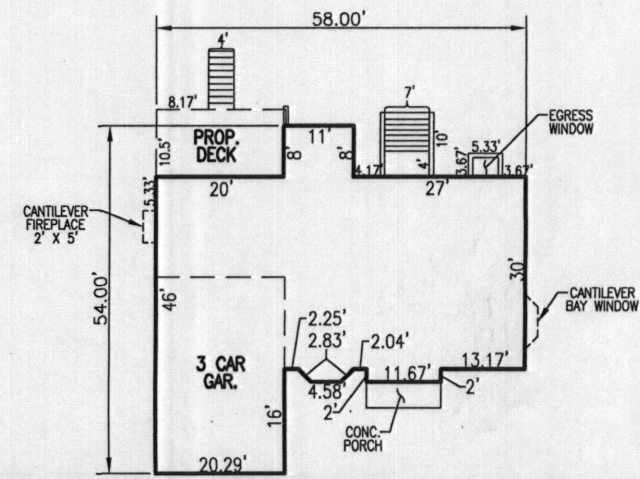
DATE OF APPROVAL _____



THE EXISTING WELL SHOWN ON LOT 2 TAG NO. 95-0430 HAS BEEN FIELD LOCATED BY ROBERT H. VOGEL ENGINEERING, INC., AND IS ACCURATELY SHOWN.

BUILDING OF LOT 2 FLOOR AREAS:
 BASEMENT FLOOR AREA: 1490
 FIRST FLOOR AREA: 1540
 SECOND FLOOR AREA: 1890
 BEDROOMS: 5

NOTE: STORMWATER MANAGEMENT FOR THIS LOT IS PROVIDED BY 2 MICRO-POOL EXTENDED DETENTION PONDS AND ONE BIO-RETENTION FACILITY APPROVED UNDER F-06-130
 BUILDING PERMIT NO. _____



SCALE: AS SHOWN
 DRAWN BY: JMR
 CHECKED BY: RHV
 DATE: JANUARY 2013
 PROJECT #: 2017085
 SHEET#: 1 OF 1

PLOT PLAN
CASTLEBERRY AT
TEN OAKS
LOT 2
REF: F-06-130
 TAX MAP 22 PARCEL 90
 BLOCK 19
 5TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

ADDRESS
 13706 WYE RIVER DR.
 DAYTON, MD 21036
 GP: 10-68

OWNER
 CASTLEBERRY AT TEN OAKS, LLC.
 3675 PARK AVENUE, SUITE 301
 ELLICOTT CITY, MARYLAND 21043
 (410) 740-9401

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

MARYLAND STATE GRID 1

143.18'

Wall check

PRIVATE
SEWAGE
EASEMENT

sub
6/4/13

$$\angle' = 30'$$

40,144 SQ. FT.

LOT 1

POURED CONCRETE
FOUNDATION
FF=620.7'

50' BRL

EX.WELL
H0950430

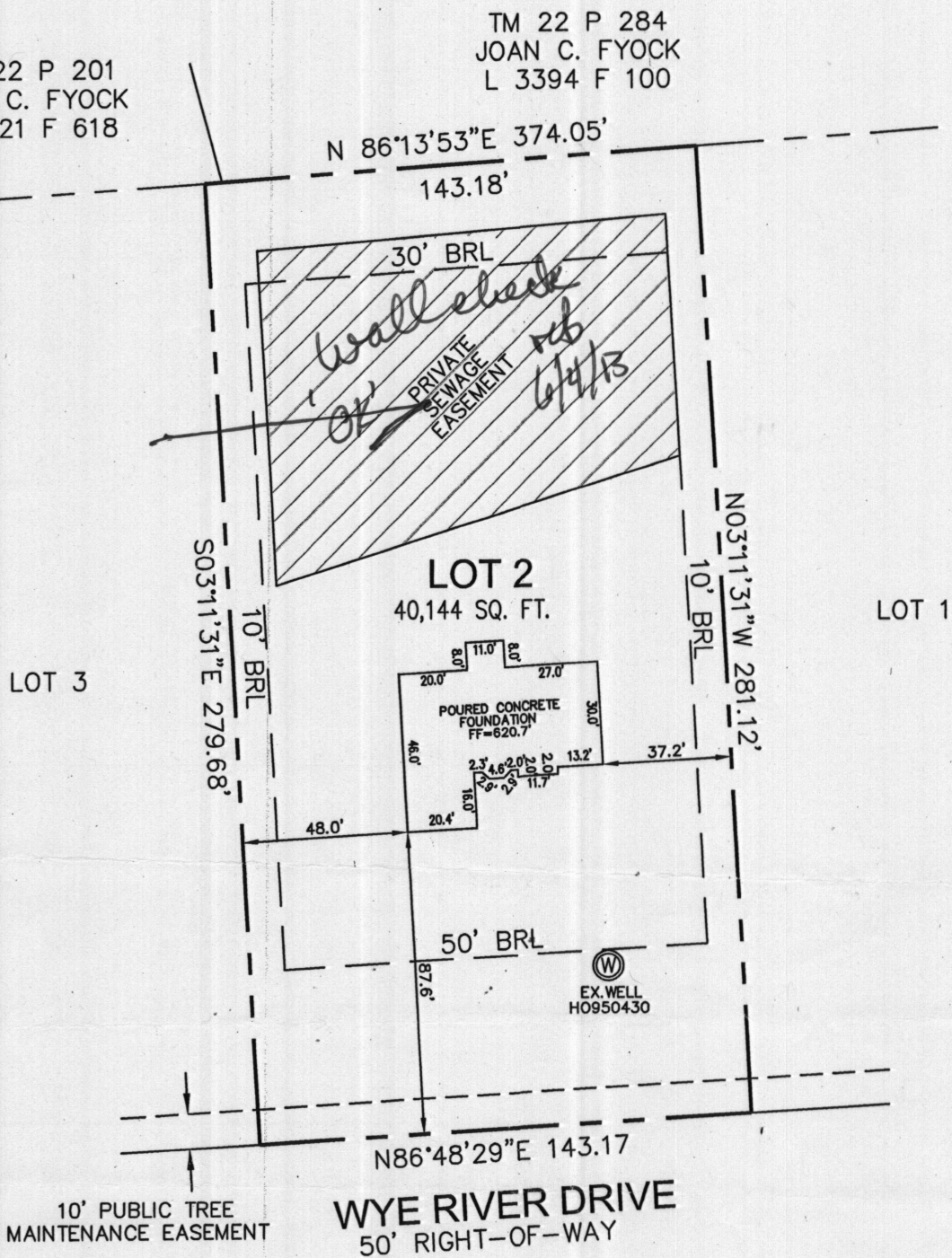
N86°48'29"E 143.17

THIS WALL CHECK DRAWING CONTAINS A HORIZONTAL TOLERANCE IN ACCURACY OF 0.1' AND A VERTICAL TOLERANCE IN ACCURACY OF 0.2'

TM 22 P 201
JACK C. FYOCK
L 2221 F 618

TM 22 P 284
JOAN C. FYOCK
L 3394 F 100

MARYLAND STATE GRID MERIDIAN (NAD83/91)



I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF THAT THE IMPROVEMENTS ARE LOCATED AS SHOWN AND THERE ARE NO ENCROACHMENTS EXCEPT AS SHOWN.

Thomas M. Hoffman, Jr.

THOMAS M. HOFFMAN, JR.,
PROPERTY LINE SURVEYOR, MARYLAND REG. # 267

6-03-13
DATE

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. 267, EXPIRATION DATE JULY 28, 2014.

B.P.# B12002172

SCALE 1"= 50'	DATE 6/02/13	ROBERT H. VOGEL ENGINEERING, INC. ENGINEERS - SURVEYORS - PLANNERS 8407 MAIN STREET ELLICOTT CITY, MARYLAND 21043 TEL:410-461-7666 FAX:410-461-8961	WALL CHECK DRAWING 13706 WYE RIVER DRIVE LOT 2 CASTLEBERRY AT TEN OAKS PLAT No. 19097 FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DRAWN BY B.D.A.	CHECKED BY T.M.H.		
PLAT NUMBER 19096-19109	JOB NUMBER 00-85.00		