



Building Permit Application

Howard County Maryland
Department of Inspections, Licenses and Permits
3430 Court House Drive
Permits: 410-313-2455
www.howardcountymd.gov

Date Received: 6-6-13

Permit No.: B13002221

Building Address: 4804 Castlebridge Rd.
 City: Ellicott City State: Md Zip Code: 21042
 Suite/Apt. # _____ SDP/WP/BA #: _____
 Census Tract: _____ Subdivision: Riverwood
 Section: _____ Area: _____ Lot: 1
 Tax Map: 29 Parcel: 20 Grid: 4
 Zoning: RCOED Map Coordinates: _____ Lot Size: 49,791
sq
 Existing Use: Vacant
 Proposed Use: SFD
 Estimated Construction Cost: \$ 350,000
 Description of Work: Garrett w/2 story
2 carside load garage, 4 BR, 4 FB, 1 HB
FP, finished bsmt
 Occupant or Tenant: _____
 Was tenant space previously occupied? Yes No
 Contact Name: _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone: _____ Fax: _____
 Email: _____

Property Owner's Name: Winchester Homes
 Address: 6905 Rockledge Dr. #800
 City: Bethesda State: MD Zip Code: 20817
 Phone: 301-803-4803 Fax: _____
 Email: Carolsp
 Applicant's Name & Mailing Address, (If other than stated herein)
 Applicant's Name: Carol Viers
 Address: 503 Sylvan Dr.
 City: Pasadena State: MD Zip Code: 21222
 Phone: 410-279-1624 Fax: _____
 Email: Carolspermits@broadstripe.net
 Contractor Company: Winchester Homes
 Contact Person: Lynn Reich
 Address: Same As Above
 City: _____ State: _____ Zip Code: _____
 License No.: 57
 Phone: _____ Fax: _____
 Email: _____
 Engineer/Architect Company: Benchmark Engineering
 Responsible Design Prof.: John Carey
 Address: 8480 Baltimore National Pike
 City: Ellicott City State: MD Zip Code: 21043
 Phone: 410-465-6105 Fax: 410-465-6644
 Email: _____

| Commercial Building Characteristics | Residential Building Characteristics | |
|---|---|------------|
| Height: | <input checked="" type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse | |
| No. of stories: | Depth | Width |
| Gross area, sq. ft./floor: | 1 st floor: <u>49'</u> | <u>56'</u> |
| Area of construction (sq. ft.): | 2 nd floor: <u>48'</u> | <u>56'</u> |
| Use group: | Basement: <u>48'</u> | <u>56'</u> |
| Construction type: | <input checked="" type="checkbox"/> Finished Basement | |
| <input type="checkbox"/> Reinforced Concrete | <input type="checkbox"/> Unfinished Basement | |
| <input type="checkbox"/> Structural Steel | <input type="checkbox"/> Crawl Space | |
| <input type="checkbox"/> Masonry | <input type="checkbox"/> Slab on Grade | |
| <input checked="" type="checkbox"/> Wood Frame | No. of Bedrooms: <u>4</u> | |
| <input type="checkbox"/> State Certified Modular | Multi-family Dwelling | |
| | No. of efficiency units: | |
| | No. of 1 BR units: | |
| | No. of 2 BR units: | |
| | No. of 3 BR units: | |
| | Other Structure: | |
| | Dimensions: | |
| <input checked="" type="checkbox"/> Roadside Tree Project Permit | Footings: | |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Roof: <u>Asp Gable</u> | |
| Roadside Tree Project Permit # _____ | <input type="checkbox"/> State Certified Modular | |
| | <input type="checkbox"/> Manufactured Home | |

| Utilities | |
|--|--|
| Water Supply | |
| <input type="checkbox"/> Public | |
| <input checked="" type="checkbox"/> Private | |
| Sewage Disposal | |
| <input type="checkbox"/> Public | |
| <input checked="" type="checkbox"/> Private | |
| Electric: <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| Gas: <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| Heating System | |
| <input type="checkbox"/> Electric <input type="checkbox"/> Oil | |
| <input checked="" type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas | |
| <input type="checkbox"/> Other: | |
| Sprinkler System: | |
| <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| Grading Permit Number: <u>600009488</u> | |
| Building Shell Permit Number: _____ | |

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Carol Viers
 Applicant's Signature
Carolspermits@broadstripe.net
 Email Address
Permit Runner
 Title/Company

Carol Viers
 Print Name
6-6-13
 Date

RECEIVED
 JUN 06 2013
 LICENSES & PERMITS
 DIVISION

Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

PLEASE WRITE NEATLY & LEGIBLY
-FOR OFFICE USE ONLY-

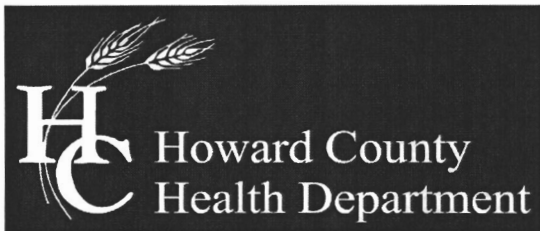
| AGENCY | DATE | SIGNATURE OF APPROVAL |
|--------------------|------|-----------------------|
| State Highways | | |
| Building Officials | | |
| PSZA (Zoning) | | |
| PSZA (Engineering) | | |
| Health | | <u>725130 Bernard</u> |

Is Sediment Control approval required for issuance? Yes No
 CONTINGENCY CONSTRUCTION START

| DPZ SETBACK INFORMATION |
|---|
| Front: |
| Rear: |
| Side: |
| Side St.: |
| All minimum setbacks met? <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Is Entrance Permit Required? <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Historic District? <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Lot Coverage for New Town Zone: |
| SDP/Red-line approval date: |

| | |
|----------------|----------------|
| Filing Fee | \$ <u>100</u> |
| Permit Fee | \$ |
| Tech Fee | \$ |
| Excise Tax | \$ |
| PSFS | \$ |
| Guaranty Fund | \$ <u>50</u> |
| Add'l per Fee | \$ |
| Total Fees | \$ |
| Sub-Total Paid | \$ |
| Balance Due | \$ |
| Check | # <u>25069</u> |

distribution of Copies: White: Building Officials Green: PSZA,Zoning Yellow: PSZA,Engineering Pink: Health Gold: SHA



Office of the Health Officer

7178 Columbia Gateway Drive, Columbia, MD 21046-2147

Main: 410-313-6300 | Fax: 410-313-6303

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

DATE: June 19, 2013

TO: Winchester Homes

C/O Carol Viers

Via-e-mail: CAROLSPERMIT@BROADSTRIPE.NET

RE: **Building Permit # B13002221**

4804 Castle Bridge Road

Ellicott City, Maryland 21042

Mrs. Viers:

Further review is contingent upon submission of a revised building plan showing the following:

- As of January 1, 2013, all new construction is required to use the "Best Available Technology" (BAT) for septic installation. Before building permit approval, a BAT site plan must be submitted along with your building application and building plan.

Your building permit will be placed "on hold" until all Health Department requirements are met. If you have any questions or correspondence, I can be reached at the above address or by telephone at (410) 313-2775.

Respectfully,

A handwritten signature in cursive script that reads 'Dana Bernard'.

Dana Bernard, REHS/RS

Environmental Specialist II

Bureau of Environmental Health

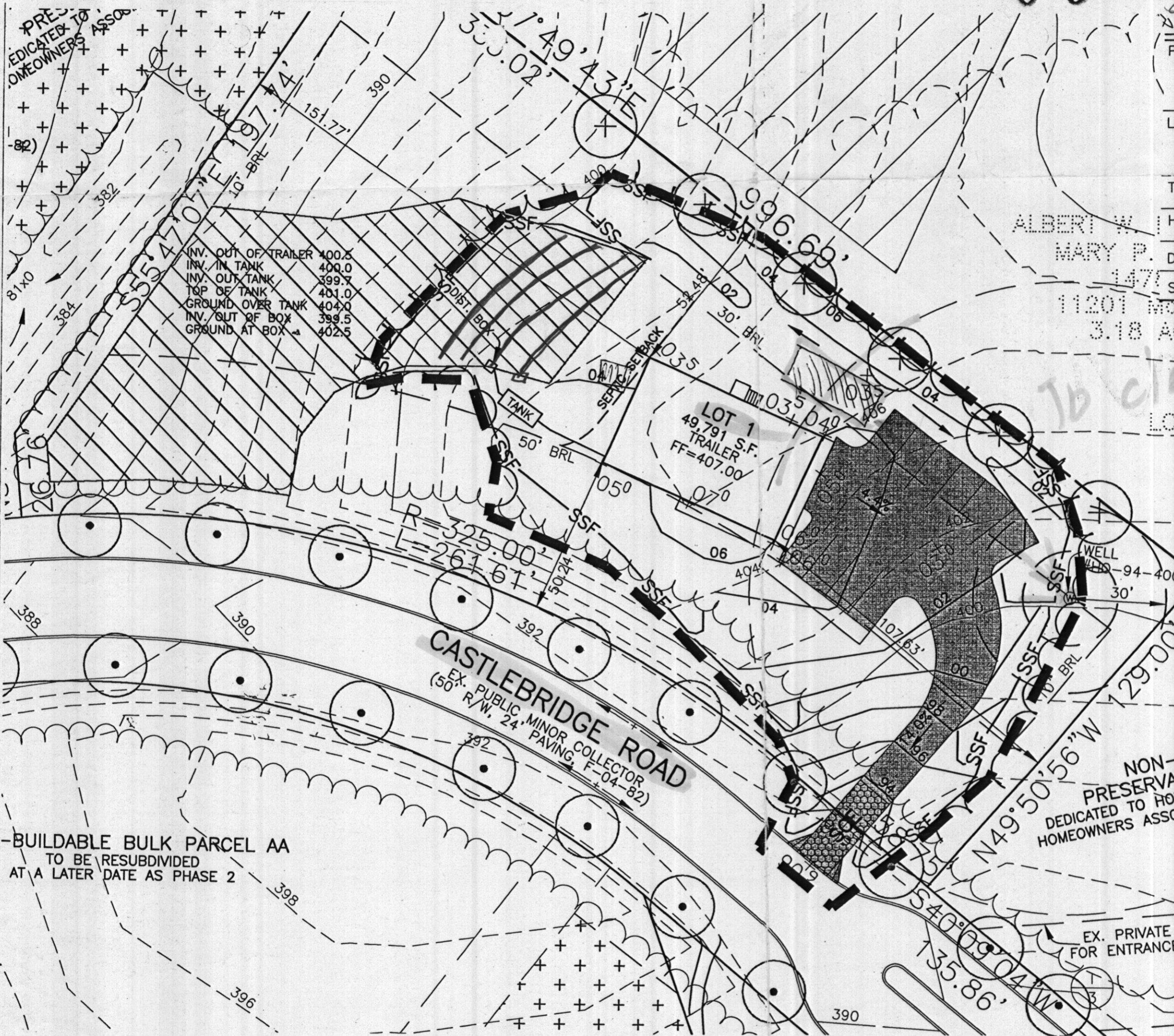
Well and Septic Program

Phone (410) 313-2775

E-mail: DBernard@howardcountymd.gov

cc: Well & Septic program file

Temp - Sales Trailer
 Used Holiday Tank Agreement



| | |
|---------------------|-------|
| INV. OUT OF TRAILER | 400.0 |
| INV. IN TANK | 400.0 |
| INV. OUT TANK | 399.7 |
| TOP OF TANK | 401.0 |
| GROUND OVER TANK | 404.0 |
| INV. OUT OF BOX | 399.5 |
| GROUND AT BOX | 402.5 |

| | | |
|-------------|--|------------------|
| PROJECT: | RIVERWOOD LOT 1 | |
| LOCATION: | HOMEWOOD ROAD ELLCOTT CITY, MD 21042 TAX MAP No. 23 - GRID No. 21 - PARCEL No. 83 TAX MAP No. 29 - GRID No. 4 - PARCEL No. 20 3rd ELECTION DISTRICT, HOWARD COUNTY, MARYLAND | |
| TITLE: | PERMIT PLAN | |
| HOUSE TYPE: | SALES TRAILER | |
| DATE: | JULY, 2005 | PROJECT NO. 1679 |
| SCALE: | 1" = 30' | DRAWING 1 OF 1 |

BUILDER:
 WINCHESTER HOMES, INC.
 6905 ROCKLEDGE DRIVE
 SUITE 800
 BETHESDA, MD 20817
 PHONE: 301-803-4800
 FAX: 301-803-4929

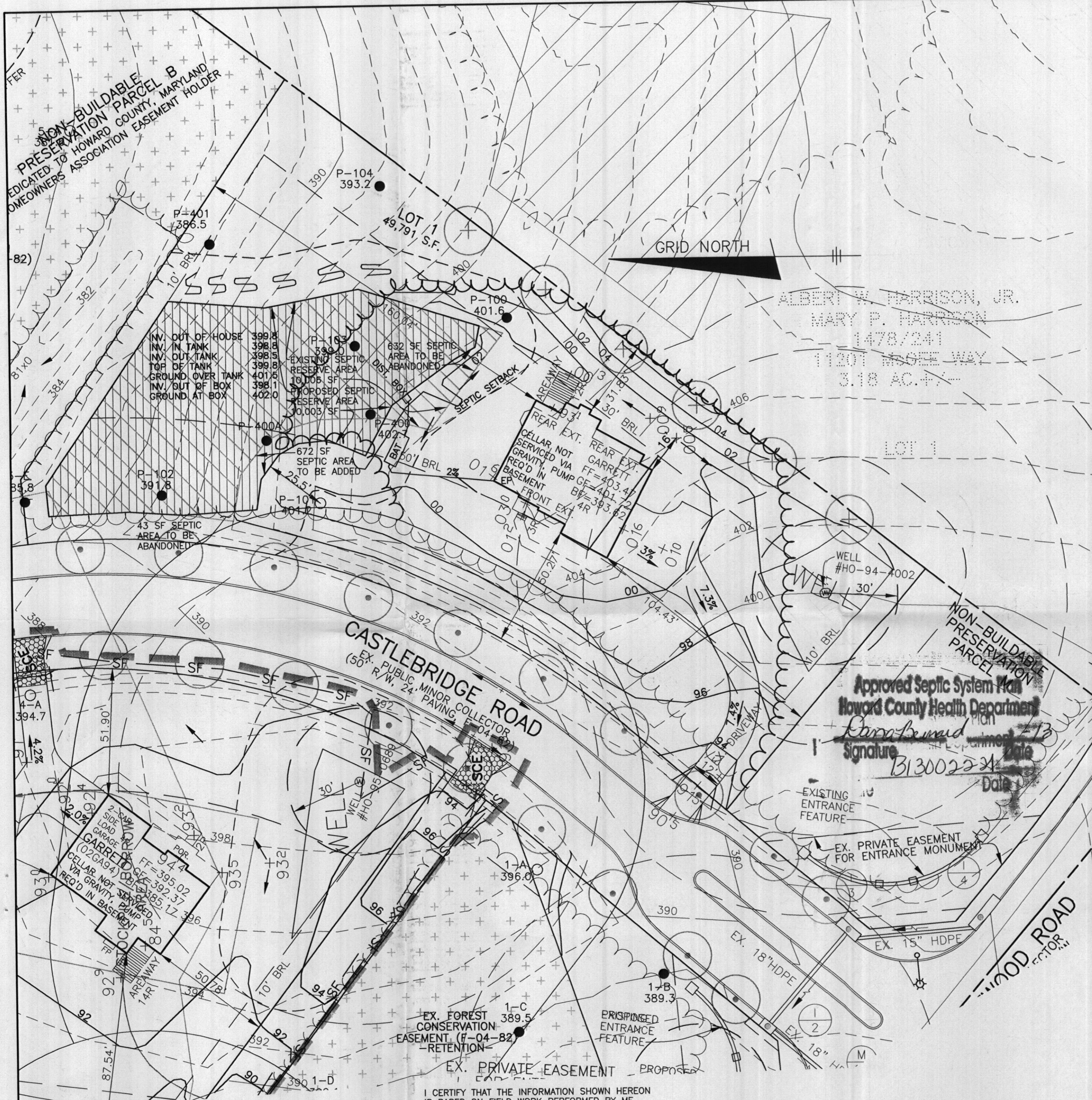
DESIGN: JMC DRAFT: JMC

BENCHMARK
 ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS

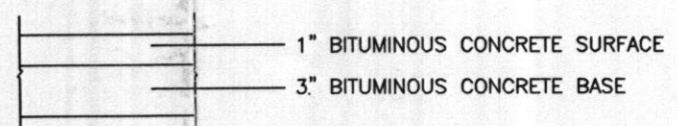
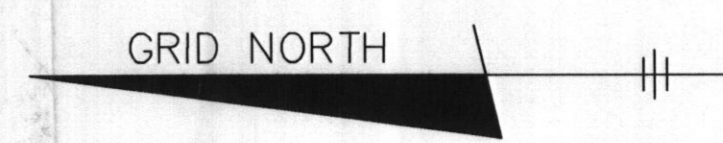
ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418
 ELLCOTT CITY, MARYLAND 21043
 PHONE: 410-465-6105 ▲ FAX: 410-465-6644
 EMAIL: benchmrk@cais.com

BP00155920



| SOILS LEGEND | | |
|---|------------|---|
| MAP SYMBOL | SOIL GROUP | SOIL TYPE |
| ChB2 | B | CHESTER SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED |
| * INDICATES HYDRIC SOILS TAKEN FROM SOILS SURVEY, ISSUED JULY 1968, MAP NO. 33 | | |



PAVING SECTION
NOT TO SCALE

LEGEND

- EXISTING CONTOURS ESTABLISHED UNDER F-04-082
- FIELD SURVEYED WELL LOCATION
- PASSED PERCOLATION TEST PER TEST NOTES
- FAILED PERCOLATION TEST PER TEST NOTES
- EXISTING APPROVED SEPTIC RESERVE AREA
- PROPOSED REVISED SEPTIC RESERVE AREA
- SOILS DELINEATION

NOTES:

1. THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT FOR RIVERWOOD, PLAT No. 18032. REFER TO THE PLAT FOR LOT DIMENSIONS, LOT AREAS AND ALL EASEMENTS.
2. SEDIMENT AND EROSION CONTROLS WERE APPROVED BY HOWARD SOIL CONSERVATION DISTRICT UNDER A GRADING PLAN AND MODIFIED FOR THIS SPECIFIC HOUSE.
3. TOPOGRAPHY SHOWN HEREON IS TAKEN FROM THE APPROVED ROAD CONSTRUCTION PLANS AND HAS BEEN FIELD VERIFIED BY J.A. RICE, INC., ON OR ABOUT SEPTEMBER 2002.
4. ALL SEDIMENT AND EROSION CONTROL FEATURES USED ON THIS SITE SHALL COMPLY WITH 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
5. ALL DRAINAGE AND STORMWATER MANAGEMENT FEATURES USED ON THIS SITE MUST COMPLY WITH THE APPROVED ROAD CONSTRUCTION PLANS EXCEPT AS WAIVED.
6. THE EXISTING WELL SHOWN ON THIS PLAN, HO-94-4002, HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC., AND IS ACCURATELY SHOWN.
7. THERE ARE NO EXISTING WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THIS PROJECT'S BOUNDARY EXCEPT AS NOTED.
8. ANY CHANGES TO A PRIVATE SEWAGE EASEMENT OR WELL BOX SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
9. STORMWATER MANAGEMENT FOR THE FRONT OF THIS LOT WAS DESIGNED TO BE PROVIDED IN POND #2, A POCKET POND. THE REAR OF THE LOT IS TREATED IN A GRASS SWALE DESIGNED UNDER THE PHASE 1 ROAD CONSTRUCTION PLANS.
10. THE PURPOSE OF THIS PERCOLATION CERTIFICATION PLAN IS TO ABANDON PART OF THE PREVIOUSLY APPROVED SEPTIC RESERVE AREA AND INCLUDE OTHER AREAS IN THE NEW SEPTIC RESERVE FOR THIS LOT DUE TO LOT GRADING AND HOUSE LOCATION.
11. THE ROAD FRONTAGE FOR THIS LOT IS CLOSED SECTION, NO DRIVEWAY CULVERT IS REQUIRED.
12. THIS LOT REQUIRES THE USE OF BEST AVAILABLE TECHNOLOGIES FOR THE SEPTIC DISPOSAL.

BENCHMARK
ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS

ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418
ELLCOTT CITY, MARYLAND 21042
PHONE: 410-465-6105 ▲ FAX: 410-465-6644
BEI@BEI-CIVILENGINEERING.COM

OWNER/BUILDER:
CAMBERLEY HOMES, INC.
6905 ROCKLEDGE DRIVE
SUITE 800
BETHESDA, MD 20817
PHONE: 301-803-4800
FAX: 301-803-4929

PROJECT: **RIVERWOOD LOT 1**

LOCATION: 4804 CASTLEBRIDGE ROAD
ELLCOTT CITY, MD 21042
TAX MAP No. 29 - BLOCK Nos. 3, 4, 9 & 10 - PARCEL No. 20
3rd ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

TITLE: **BUILDING PERMIT PLAN AND REVISED PERCOLATION CERTIFICATION PLAN**

HOUSE TYPE: **GARRETT (02GA92)**

DATE: **MAY, 2013** PROJECT NO. **1950**
JULY, 2013

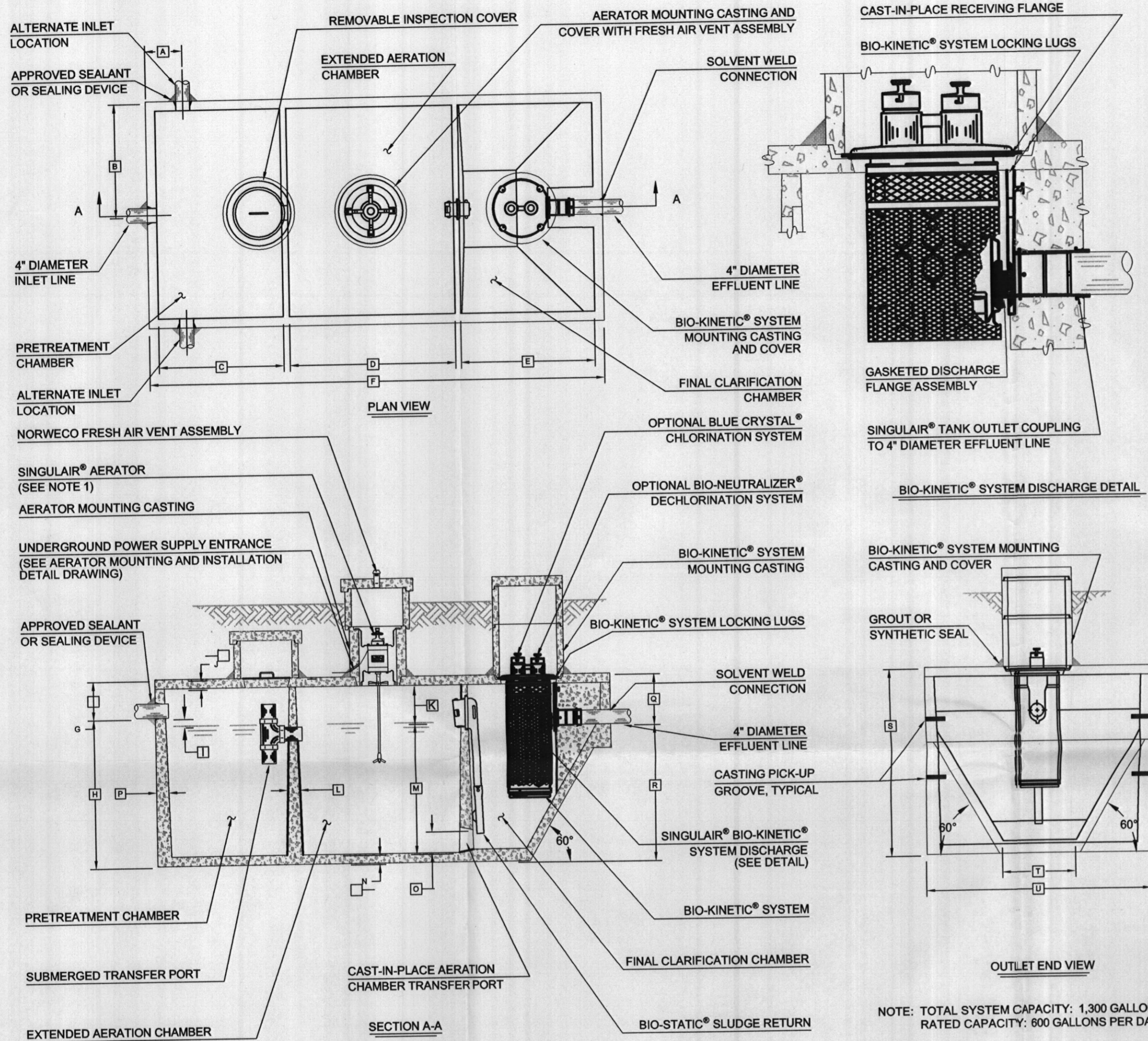
SCALE: **1" = 30'** DRAWING **1** OF **2**

I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF KNOWLEDGE AND BELIEF.

John M. Carney
PLAN PREPARER
JOHN M. CARNEY FOR BENCHMARK ENGINEERING, INC.

APPROVED:
APPROVED FOR PRIVATE WATER SYSTEM AND PRIVATE SEWER SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER *[Signature]* DATE



- GENERAL NOTES:**
- 1 SINGLAIR® AERATOR, AS TESTED AND ACCEPTED BY NSF, OPERATING 60 MINUTES ON / 60 MINUTES OFF.
 - 2 FALL THROUGH SINGLAIR® PLANT FROM INLET INVERT TO OUTLET INVERT IS FOUR INCHES. INLET INVERT IS TWELVE INCHES BELOW TANK TOP.
 - 3 ON DEEPER INSTALLATIONS, PRECAST RISERS MUST BE USED TO EXTEND AERATOR MOUNTING CASTING AND BIO-KINETIC® SYSTEM MOUNTING CASTING TO GRADE.
 - 4 TANK REINFORCED PER ACI STD. 318-05.
 - 5 REMOVABLE COVERS ON RISERS WEIGH IN EXCESS OF SEVENTY-FIVE POUNDS EACH TO PREVENT UNAUTHORIZED ACCESS.
 - 6 CONTACT THE LOCAL, LICENSED SINGLAIR® DISTRIBUTOR FOR ELECTRICAL REQUIREMENTS.

| CRITICAL DIMENSIONS | | | |
|---------------------|--------|---|-------|
| A | 1'-0" | N | 0'-3" |
| B | 3'-0" | O | 0'-6" |
| C | 3'-4" | P | 0'-3" |
| D | 4'-5" | Q | 1'-4" |
| E | 3'-7" | R | 3'-8" |
| F | 12'-2" | S | 5'-0" |
| G | 1'-0" | T | 2'-0" |
| H | 4'-0" | U | 6'-0" |
| I | 0'-3" | V | |
| J | 0'-3" | W | |
| K | 1'-0" | X | |
| L | 0'-2" | Y | |
| M | 3'-6" | Z | |

norweco 3-26-07 BDS
 U.S. AND FOREIGN PATENTS PENDING
 LOW-PROFILE SINGLAIR® BIO-KINETIC® WASTEWATER TREATMENT SYSTEM MODEL TNTLP-600 GPD
 10-16-06
 NTS
 PC-5-7081

NOTE: TOTAL SYSTEM CAPACITY: 1,300 GALLONS
 RATED CAPACITY: 600 GALLONS PER DAY

SEE MANUFACTURERS SPECIFICATIONS FOR DETAILS. WWW.NORWECO.COM

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John M. Carney

PLAN PREPARER
 JOHN M. CARNEY FOR BENCHMARK ENGINEERING, INC.

APPROVED:
 APPROVED FOR PRIVATE WATER SYSTEM AND PRIVATE SEWER SYSTEM
 HOWARD COUNTY HEALTH DEPARTMENT

 COUNTY HEALTH OFFICER

 DATE

BENCHMARK ENGINEERS, INC.
 ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS

8480 BALTIMORE NATIONAL PIKE ▲ SUITE 315
 ELLICOTT CITY, MARYLAND 21042
 PHONE: 410-465-6105 ▲ FAX: 410-465-6644
 BEI@BEI-CIVILENGINEERING.COM

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 SUITE 800
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 PHONE: 301-803-4800
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 ELLICOTT CITY, MD 21042
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 3rd ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

TITLE: **BUILDING PERMIT PLAN AND REVISED PERCOLATION CERTIFICATION PLAN**

HOUSE TYPE: **GARRETT (02GA92)**

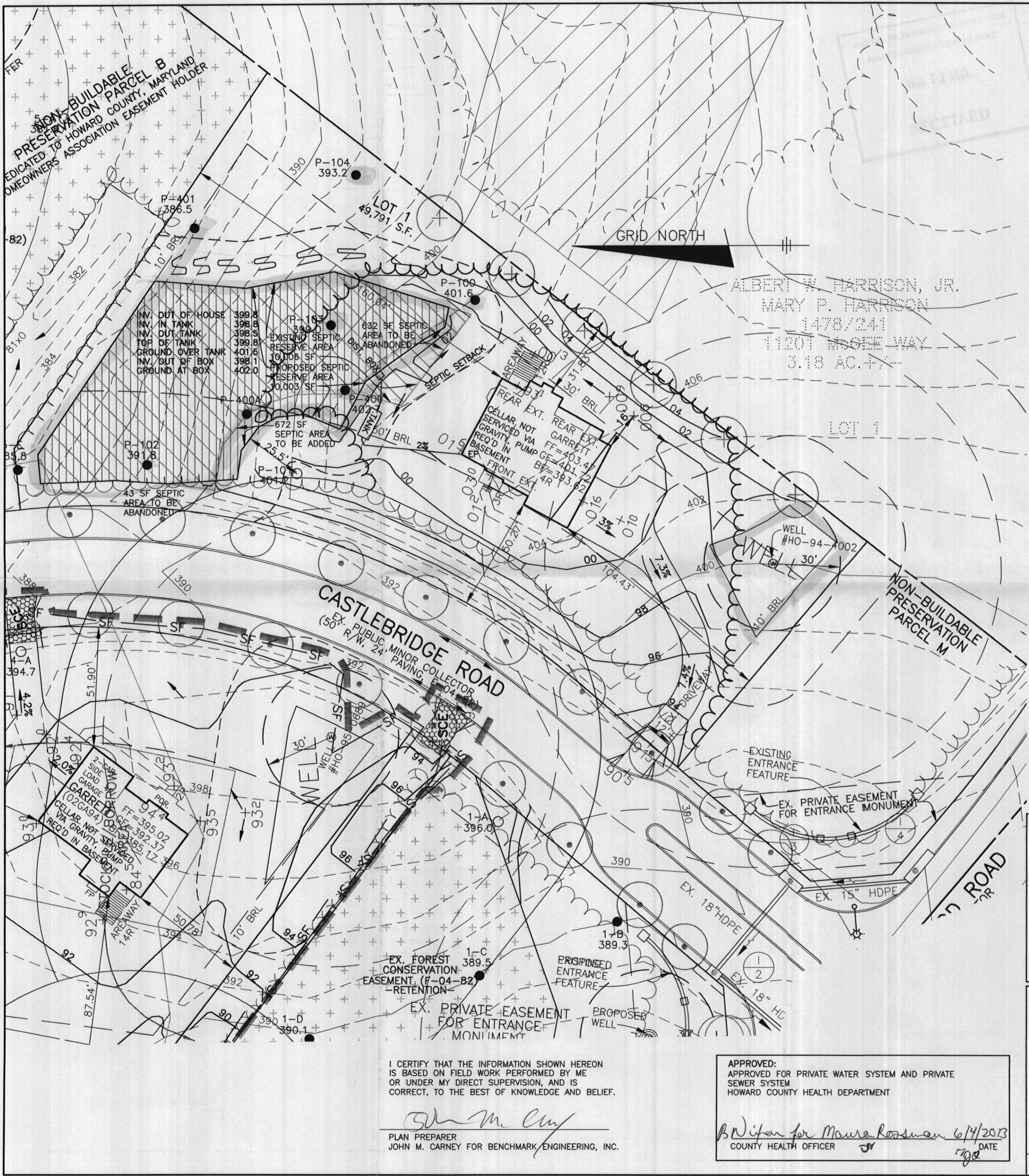
DATE: MAY, 2013
 JULY, 2013

PROJECT NO. 1950

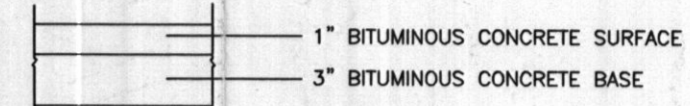
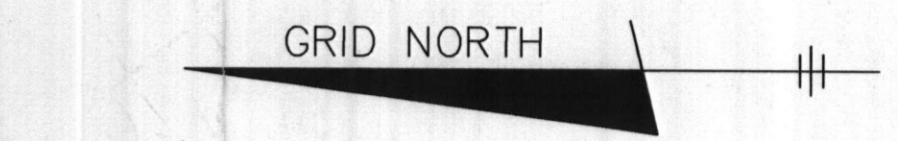
SCALE: 1" = 30'

DRAWING 2 OF 2

DESIGN: JMC DRAFT: JMC



| SOILS LEGEND | | |
|---|------------|---|
| MAP SYMBOL | SOIL GROUP | SOIL TYPE |
| CHB2 | B | CHESTER SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED |
| * INDICATES HYDRIC SOILS | | |
| TAKEN FROM SOILS SURVEY, ISSUED JULY 1968, MAP NO. 33 | | |



FULL DEPTH BITUMINOUS CONCRETE
PAVING SECTION
 NOT TO SCALE

- LEGEND**
- EXISTING CONTOURS ESTABLISHED UNDER F-04-082
 - FIELD SURVEYED WELL LOCATION
 - PASSED PERCOLATION TEST PER TEST NOTES
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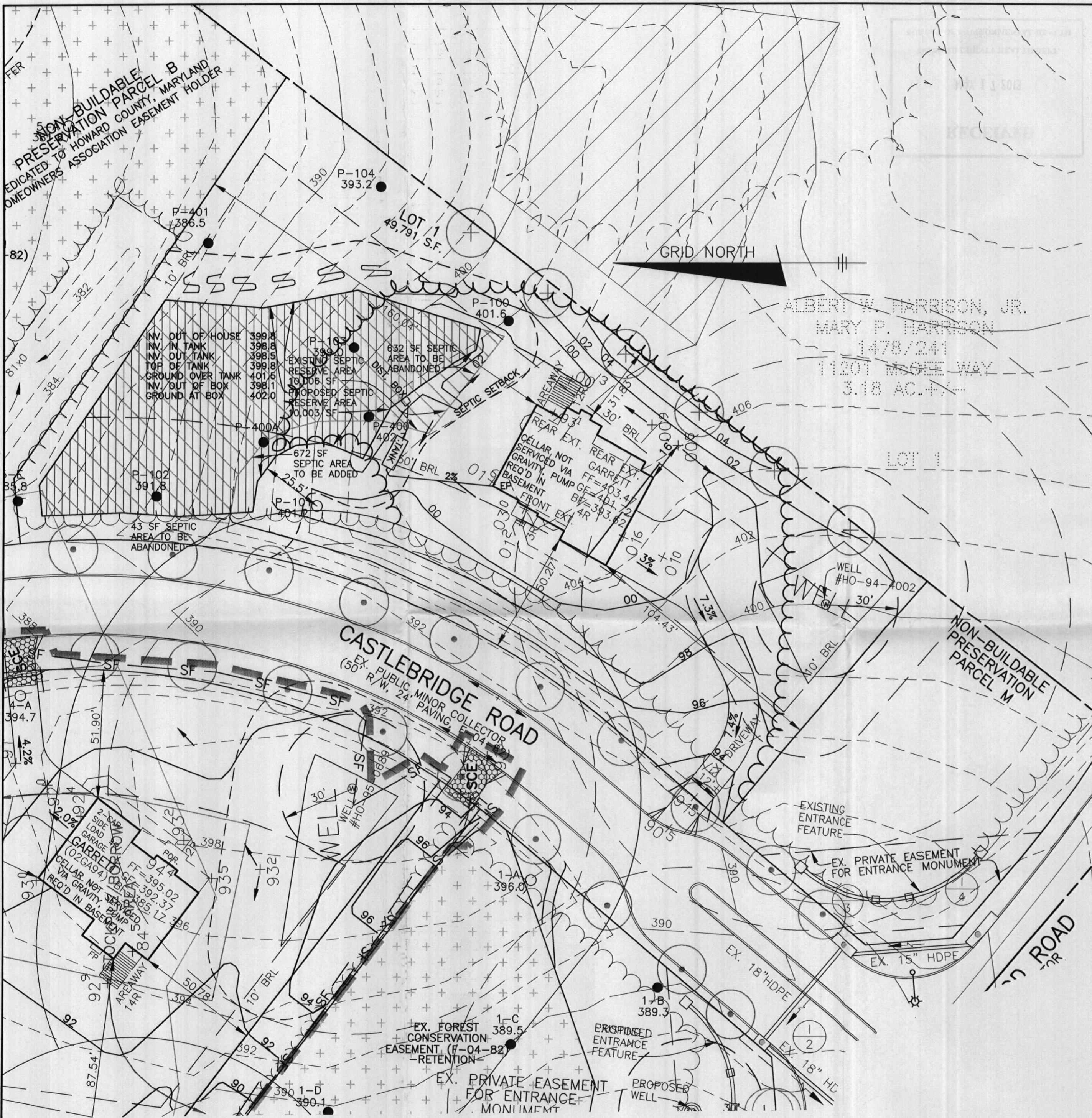
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| HOUSE TYPE: GARRETT (02GA92) | DATE: MAY, 2013 |
| DESIGN: JMC | DRAFT: JMC |
| SCALE: 1" = 30' | PROJECT NO. 1950 DRAWING 1 OF 1 |

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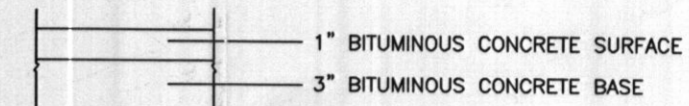
John M. Carney
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APPROVED:
 APPROVED FOR PRIVATE WATER SYSTEM AND PRIVATE SEWER SYSTEM
 HOWARD COUNTY HEALTH DEPARTMENT

B. Wilson for Maura Rossman 6/14/2013
 COUNTY HEALTH OFFICER DATE



| SOILS LEGEND | | |
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8. ANY CHANGES TO A PRIVATE SEWAGE EASEMENT OR WELL BOX SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
9. STORMWATER MANAGEMENT FOR THE FRONT OF THIS LOT WAS DESIGNED TO BE PROVIDED IN POND #2, A POCKET POND. THE REAR OF THE LOT IS TREATED IN A GRASS SWALE DESIGNED UNDER THE PHASE 1 ROAD CONSTRUCTION PLANS.
10. THE PURPOSE OF THIS PERCOLATION CERTIFICATION PLAN IS TO ABANDON PART OF THE PREVIOUSLY APPROVED SEPTIC RESERVE AREA AND INCLUDE OTHER AREAS IN THE NEW SEPTIC RESERVE FOR THIS LOT DUE TO LOT GRADING AND HOUSE LOCATION.

BENCHMARK
ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS
ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418
ELLCOTT CITY, MARYLAND 21042
PHONE: 410-465-6105 ▲ FAX: 410-465-6644
BEI@BEI-CIVILENGINEERING.COM

OWNER/BUILDER:
CAMBERLEY HOMES, INC.
6905 ROCKLEDGE DRIVE
SUITE 800
BETHESDA, MD 20817
PHONE: 301-803-4800
FAX: 301-803-4929

PROJECT:
**RIVERWOOD
LOT 1**

LOCATION:
4804 CASTLEBRIDGE ROAD
ELLCOTT CITY, MD 21042
TAX MAP No. 29 - BLOCK Nos. 3, 4, 9 & 10 - PARCEL No. 20
3rd ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

TITLE:
BUILDING PERMIT PLAN AND REVISED
PERCOLATION CERTIFICATION PLAN

HOUSE TYPE:
GARRETT (02GA92)

DATE: MAY, 2013 PROJECT NO. 1950

SCALE: 1" = 30' DRAWING 1 OF 1

I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF KNOWLEDGE AND BELIEF.

John M. Carney
PLAN PREPARER
JOHN M. CARNEY FOR BENCHMARK ENGINEERING, INC.

APPROVED:
APPROVED FOR PRIVATE WATER SYSTEM AND PRIVATE SEWER SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT

Maureen Rossman 6/4/2013
COUNTY HEALTH OFFICER DATE