

LAYOUT 3/12/12 INSP 4 3/15/12
 INSP 2 3/13/12 INSP 5 _____
 INSP 3 3/14/12 INSP 6 _____

ISSUE DATE: 1/24/2012 **PERMIT** P 536701
 APPROVAL DATE: 3/21/12 A _____

Tax ID # 05-448298
ON-SITE SEWAGE DISPOSAL SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

Charles A. Klein & Sons, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS: 5220 Klees Hill Rd. PHONE NUMBER: (410) 549-6960

SUBDIVISION: The Preserve at Clarksville LOT NUMBER: 16

ADDRESS: 6283 Heather Glen Way PROPERTY OWNER: Dayton Oaks LLC

SEPTIC TANK CAPACITY (GALLONS): 2000 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): _____ COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4 APPLICATION RATE: 1.2

SQUARE FOOTAGE OF HOUSE: 5,826

LINEAR FEET OF TRENCH REQUIRED: 143' 180' 2 x 40' 2 x 50'

TRENCHES:	Trenches to be 2.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 3.0 feet below original grade. Effective area begins at 6.0 feet below original grade with 5.0 feet of stone below distribution pipe.
LOCATION:	Run 2 x 50' and 1 x 43' trench on contour. Run trenches on each side of d box per plan. <u>~90 ft</u>
NOTES:	Do not order the septic tank until after layout inspection and Sanitarian approval. Stake easement corners. Call for layout inspection. Mark utilities. Gravel tickets must be available for Environmental Sanitarians. Stone must be approved by the Howard County Health Department. A written variance request is required for tanks deeper than 3 feet. A traffic bearing lid is required for tanks deeper than 4 feet.

PLANS APPROVED: Heidi Scott DATE: 11/16/11

- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

NEITHER THE HOWARD COUNTY COUNCIL OR 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 FOR INSPECTION OF SEPTIC SYSTEM

NOT TO SCALE

* See Separate sheet
for As-Built

ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
2'	3'	7'
NUMBER OF TRENCHES		4
TOTAL LENGTH		180
ABSORPTION AREA		
DISTRIBUTION BOX LEVEL		Levelers
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL	Yes
MANUFACTURER	Babylon
CAPACITY	Babylon GAL
SEAM LOC	Top
TANK LID DEPTH	2'
BAFFLES	Yes
BAFFLE FILTER	-
MANHOLE LOC	Front
6" PORT LOC	Rear
WATERTIGHT TEST	-
SLOTTED	Yes
DATE ON LID	2-5-12

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:

3/12/12 Set S.T. per approved BP plan. Trench specs adjusted accordingly. Set D box @ top middle of SRA. Install 2x40 in both directions @ highest part of septic area and 2x50' trenches just below that running in both directions (K)

INSTALLATION:

3/13/12 No one working (K) 3/14/12 Top trench complete moving towards house. Nothing else complete. (K)
3/15/12 No one on-site. (K) 3/21/12 System complete. Trenches look good. No issues w/ soil. Back fill all work (K)

FINAL INSPECTOR

[Signature]

DATE OF APPROVAL

3/21/12

SEPTIC SPECIFICATIONS WORKSHEET

Subdivision The Preserve at Clarksville A
 Street Name 6283 Heather Glen Way Lot Number 16
 Average Percolation Rate(min./in.) 2 Application Rate (GPD/sq. ft.) 1.2
 Number of Bedrooms 4 Design Flow (BRx150) 600
 Square Footage (of House) 5,826 Septic Tank Capacity (gal.) 2,000
 Sidewall Credit / % Reduction 2' 157% Total Length of Trench (ft.) 143'

*All Septic/Pump tanks must be top seamed unless otherwise approved by this agency.

*All Septic tanks must be compartmented unless otherwise approved by this agency.

Baffle Filter Required? Yes No

TRENCH DIMENSIONS: Trench to 2 feet wide. Inlet at 3 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 6 feet below original grade. 5 feet of stone below the distribution pipe.

PUMP SYSTEM PROPOSED? YES NO

Pump system details: _____ gallon pump chamber

Note 1: Septic pump detail to be provided by installer prior to issuance of septic permit.

Note 2: Pump performance test required prior to Health Department approval of pumped septic system.

LOCATION: ~~Run 2 x 40' trench~~ ~~Run 2 x 40' trench~~ ~~Run 2 x 40' trench~~ ~~Run 2 x 40' trench~~
~~on contour.~~ ~~Run trenches on~~ ~~each side of d-box per plan.~~
 Run 2 x 50' & 1 x 43' trench on contour. Run trenches on each side of d-box per plan.

ADDITIONAL NOTES: Standard notes.

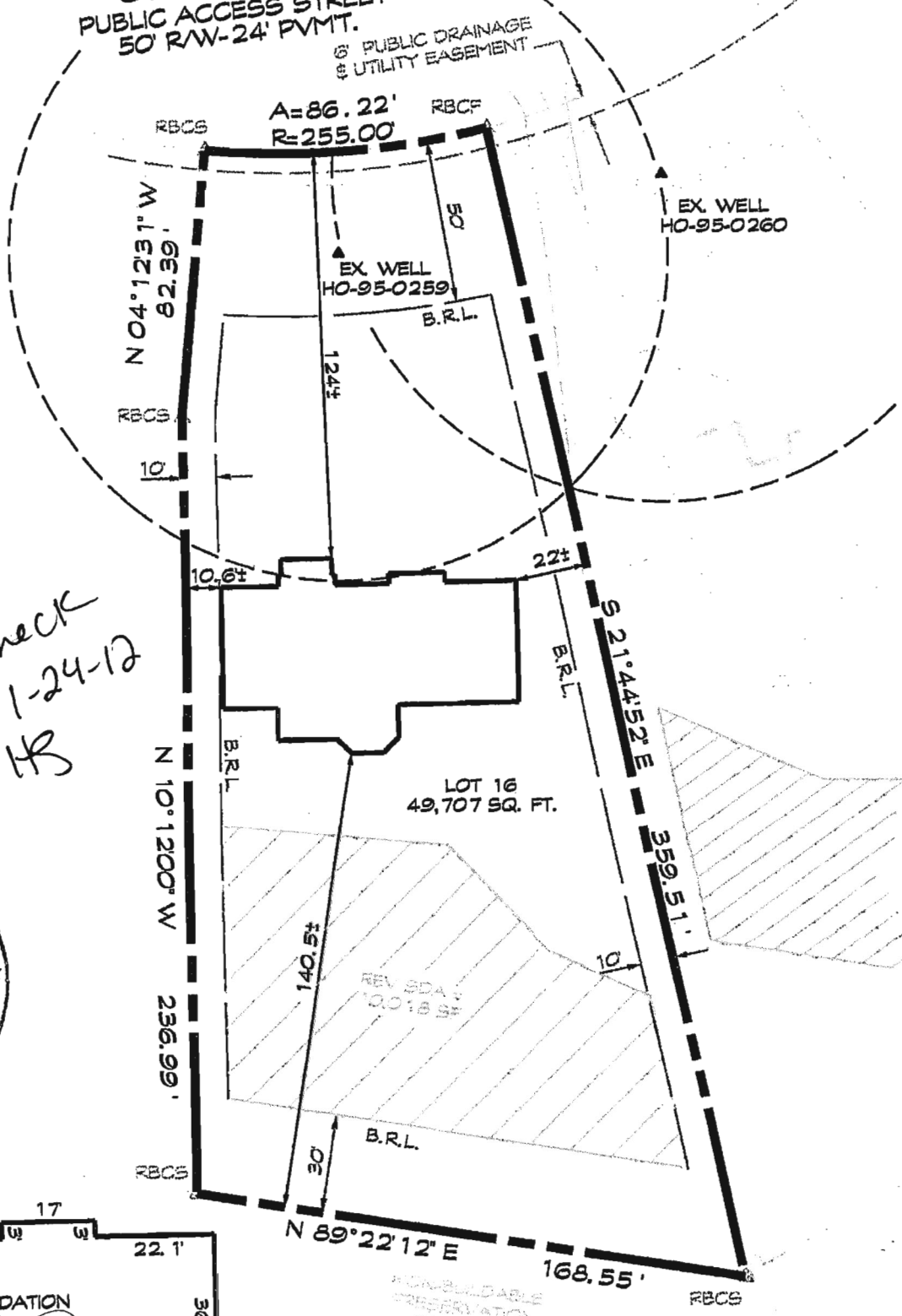
Reviewed by: HS

Date: 11-16-11

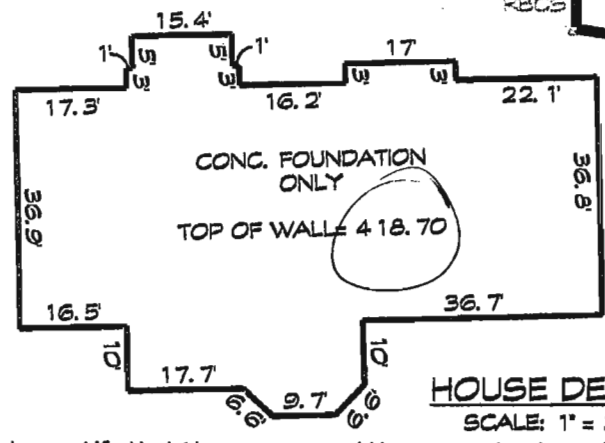
6283 Heather Glen Way
 Clarksville, MD 21039



HEATHER
 GLEN WAY
 PUBLIC ACCESS STREET
 50' RAW-24' PVMT.



Wall check
 O.K. 1-24-12
 HB



HOUSE DETAIL
 SCALE: 1" = 30'

PLAN
 SCALE: 1" = 50'

I hereby certify that I have surveyed the property shown hereon for the sole purpose of locating the improvements. This plan is a benefit to the customer only in so far as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing or refinancing. It is not to be relied upon for the establishment of boundary, easement or right-of-way lines for any reason, such as the location of fences, garages, buildings, or other existing or future improvements. Offsets of buildings to property lines are to the nearest foot ('1') unless otherwise noted.

RBCF = REBAR AND CAP FOUND
 RBCS = REBAR AND CAP SET

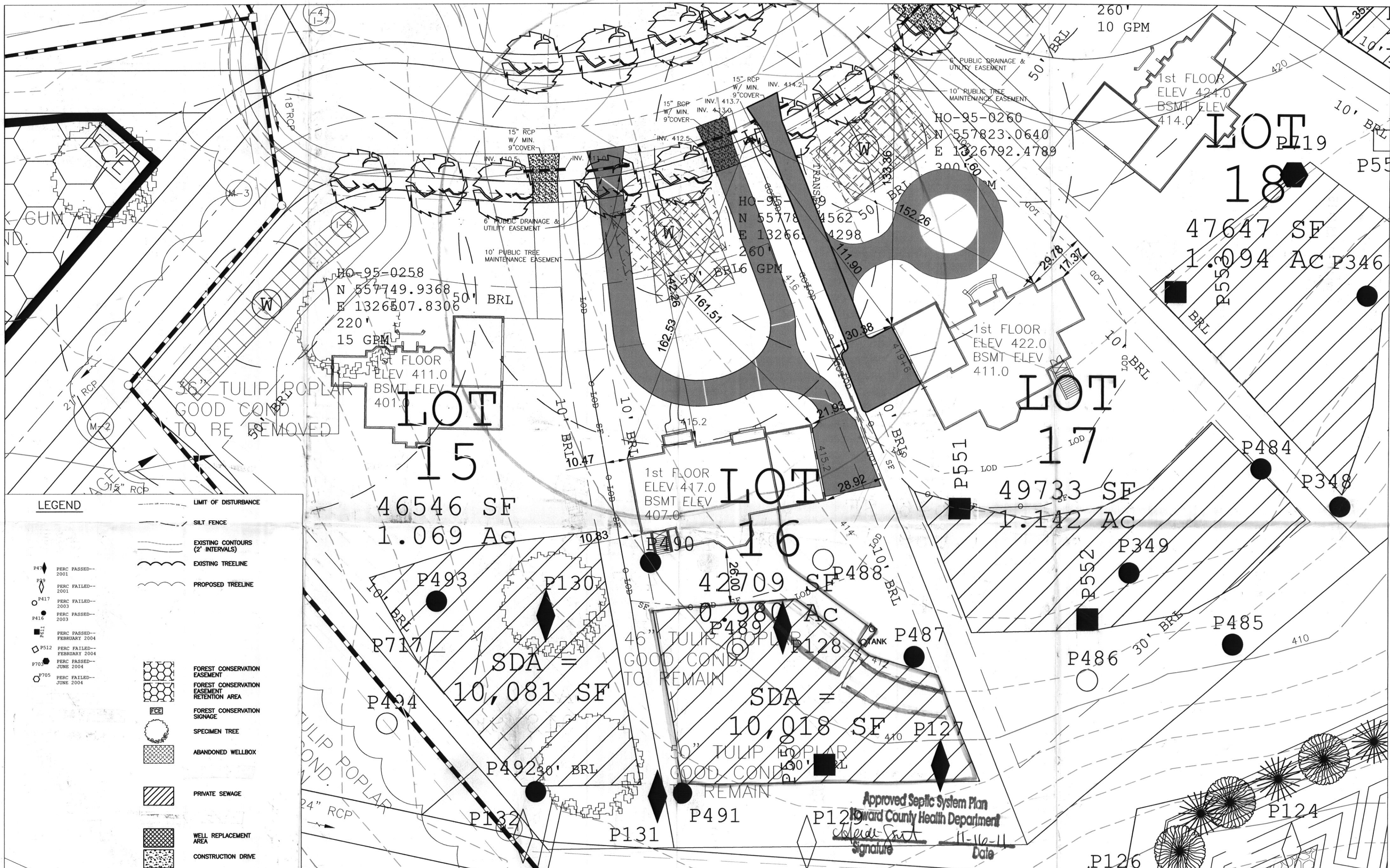
FOUNDATION CERTIFICATION
LOT 16
HEATHER GLEN WAY
THE PRESERVE AT CLARKSVILLE

5th ELECTION DISTRICT OF HOWARD COUNTY, MARYLAND
 RECORDED PLAT # 19217

By: *Dennis E. Meckley* Date: 12/08/11
 Dennis E. Meckley Property Line Surveyor No. 10844
 License expires March 29, 2012

A licensed Maryland Surveyor either personally prepared this Location Drawing, or was in responsible charge over its preparation and the surveying work reflected in it, in compliance with the Maryland Minimum Standards of Practice for Land Surveyors. (COMAR 09-19-06.06 AND .12)

DRAWN BY:	KMB
DESIGN BY:	
REVIEW BY:	DEM
DATE:	12-07-2011
SCALE:	1" = 50'
JOB NO:	2007035
SHEET:	1 OF 1



GENERAL NOTES:

- THIS AREA DESIGNATES A PRIVATE SEWAGE AREA OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE AREAS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE AREA. RECORDATION OF MODIFIED SEWAGE AREA SHALL NOT BE NECESSARY.
- This area is abandoned as per previously revised and approved perc. cert. plat.
- This area identifies well replacement area easement.
- TOPOGRAPHY SHOWN IS TWO-FOOT CONTOUR INTERVALS AND HAS BEEN FIELD VERIFIED OR FIELD RUN.
- ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
- EXISTING WELLS, SEPTIC SYSTEMS, AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND THOSE WITHIN 200' DOWNGRADIENT OF EXISTING OR PROPOSED SEPTIC OR SEWAGE DISPOSAL AREAS HAVE BEEN SHOWN USING ALL REASONABLE EFFORTS.
- THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT # 19214 ET. SEQ. REFER TO PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS, ANY RESTRICTIONS, AND PROVISIONS.
- THE EXISTING WELLS SHOWN ON THIS PLAN HAVE BEEN FIELD LOCATED BY A PROFESSIONAL LAND SURVEYOR AND ARE ACCURATELY SHOWN.
- TESTING AND RESULTS FOR GROSS ALPHA, GROSS BETA AND VOC'S WILL BE REQUIRED PRIOR TO USE AND OCCUPANCY.

SITE SPECIFIC NOTES

- Plot Plan Lot # 16
- ALL DRIVEWAY CULVERTS ARE TO BE 15" RCP OR HDPE WITH MINIMUM 9" COVER
- ANY WELL DRILLED WITHIN 10' OF DRIVEWAY TO BE PROTECTED WITH TWO BOLLARDS.
- PAVING SPECIFICATIONS: 2" ASPHALT OVER 4" CR-6 OR 2.5" ASPHALT OVER 1.5" OVERLAY

PROPOSED ELEVATIONS:

TOP OF BASEMENT SLAB:	407.0
TOP OF FOUNDATION WALL:	415.7
TOP OF FIRST SUBFLOOR:	417.0
INVERT OUT OF HOUSE:	412.0
INVERT INTO TANK:	410.0
INVERT OUT OF TANK:	409.5
INVERT INTO DISTRIBUTION BOX:	409.0

GRADE AT HOUSE INVERT:	415.0
GRADE AT SEPTIC TANK:	412.7
GRADE AT DISTRIBUTION BOX:	412.0
GRADE AT TRENCHES:	411.0

APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS IN CONFORMANCE WITH THE MASTER PLAN OF HOWARD COUNTY.

Peter Bellenson M.D., M.P.H.
HOWARD COUNTY HEALTH OFFICER

11/16/2011
DATE

I certify that the information shown hereon is based on field work performed under my direct supervision and is correct, to the best of my knowledge and belief.

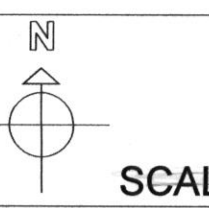
Dale Thompson
DATE 11/16/2011

SEPTIC DESIGN PARAMETERS

1st Floor Sq. Ft.	2852 sq. ft.
2nd Floor Sq. Ft.	2974 sq. ft.
Basement Sq. Ft.	2852 sq. ft.
Number of Bedrooms	4

TAGGED WELL DATA

TAG NUMBER:	HO-95-0259
NORTHING:	557783.4562
EASTING:	1326699.4298
WELL YIELD:	6 GPM
WELL DEPTH:	260'



OWNER: WANG
BUILDER: Compass Homes
6206 Heather Glen Way
Clarksville, MD 21029

PROJECT NAME: WANG Residence
PC-16
PRESERVE @ CLARKSVILLE
CLARKSVILLE
HOWARD COUNTY
MARYLAND

TITLE: PLOT PLAN LOT #16
6283 Heather Glen Way
Clarksville, Maryland 21029

PURPOSE: CONSTRUCTION OF NEW SINGLE FAMILY DETACHED DWELLING AND WELL BOX RE-CERTIFICATION

SCALE: 1:30
DATE: 10/25/11