



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: _____

Permit No.: **B18004114**

HEALTH

Building Address: 5524 JACKS LANDING WAY
 City: Clarksville State: MD Zip Code: 21029
 Suite/Apt. # _____ SDP/WP/BA #: _____
 Census Tract: 605103 Subdivision: Jacks Landing
 Section: _____ Area: _____ Lot: 1
 Tax Map: 34 Parcel: 0414 Grid: 0003
 Zoning: RR-DEO Map Coordinates: 4933-06 Lot Size: _____

Existing Use: Single Family Residence
 Proposed Use: Single Family Residence
 Estimated Construction Cost: \$ \$300,000
 Description of Work: New Single Family Home

Occupant/Tenant Name: Vacant
 Was tenant space previously occupied? Yes No
 Contact Name: _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone: _____ Fax: _____
 Email: _____

Property Owner's Name: VENKATA VELAGA, LALITHAVALLU
 Address: 2614 SHADYSIDE LANE
 City: ELICOTT CITY State: MD Zip Code: 21043
 Phone: _____ Fax: _____
 Email: gopivelaga@gmail.com

Applicant's Name & Mailing Address, (If other than stated herein)
 Applicant's Name: Same As Above
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone: _____ Fax: _____
 Email: _____

Contractor Company: Caruso Homes On Your Lot
 Contact Person: Robert Oliff
 Address: 2120 Baldwin Ave Suite 200
 City: Bowie State: MD Zip Code: 21114
 License No.: 6848
 Phone: 301-832-5429 Fax: _____
 Email: roliff@carusohomes.com

Engineer/Architect Company: Architecture Collaborative, Inc
 Responsible Design Prof.: Roger Cicconi
 Address: 8334 Main Street
 City: Ellicott City State: MD Zip Code: 21043
 Phone: 410-465-7500 Fax: _____
 Email: rcicconi@archcol.com

Commercial Building Characteristics	Residential Building Characteristics	
Height: <u>ft</u>	<input checked="" type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse	
No. of stories: _____	<u>Depth</u>	<u>Width</u>
Gross area, sq. ft./floor: _____	1 st floor: _____	
Area of construction (sq. ft.): _____	2 nd floor: _____	
Use group: _____	Basement: _____	
<u>Construction type:</u>	<input type="checkbox"/> Finished Basement <u>NO</u>	
<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>5</u>	
<input type="checkbox"/> State Certified Modular	<u>Multi-family Dwelling</u>	
<input type="checkbox"/> Roadside Tree Project Permit	No. of efficiency units: _____	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	No. of 1 BR units: _____	
Roadside Tree Project Permit # _____	No. of 2 BR units: _____	
	No. of 3 BR units: _____	
	Other Structure: _____	
	Dimensions: _____	
	Footings: _____	
	Roof: _____	
	<input type="checkbox"/> State Certified Modular	
	<input type="checkbox"/> Manufactured Home	

Utilities	
Electric:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Gas:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Water Supply	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Sewage Disposal	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Heating System	
<input checked="" type="checkbox"/> Electric <input type="checkbox"/> Oil	
<input type="checkbox"/> Natural Gas <input checked="" type="checkbox"/> Propane Gas	
<input type="checkbox"/> Other:	
Sprinkler System:	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Grading Permit Number:	<u>G18000304</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.

Robert Oliff
 Applicant's Signature
 roliff@carusohomes.com
 Email Address
 Director Of COYL
 Title/Company

Robert Oliff
 Print Name
 Date: _____

RECEIVED
 NOV 10 2018
 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>11/8/19</u>	<u>H. O'Sullivan</u>

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

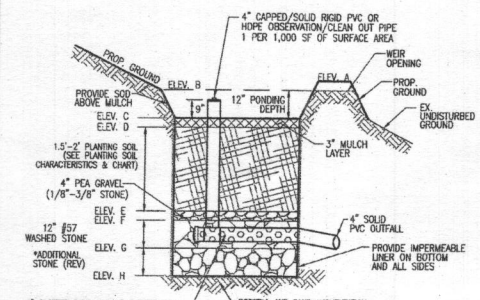
DPZ SETBACK INFORMATION
Front: _____
Rear: _____
Side: _____
Side St.: _____
All minimum setbacks met? <input type="checkbox"/> Yes <input type="checkbox"/> No
Is Entrance Permit Required? <input type="checkbox"/> Yes <input type="checkbox"/> No
Historic District? <input type="checkbox"/> Yes <input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

Filing Fee	\$ <u>1500.00</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>14534</u>

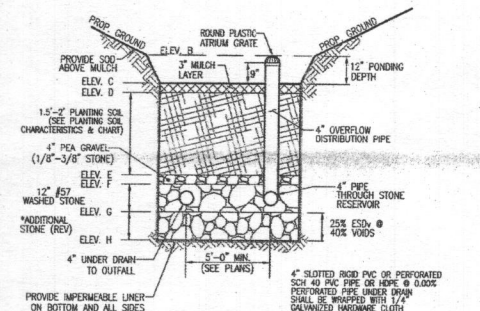
Distribution of Copies: White: Building Officials Green: PSZA, Zoning Yellow: PSZA, Engineering Pink: Health Gold: SHA

GENERAL NOTES

- EXISTING ZONING: RR-DEO
- DEP REFERENCES: PLAT 23952-23955, F-06-101, SF-06-014, BA-89-45E, WP-13-18A, WP-10-25, WP-11-003, WP-12-096, WP-13-112
- SITE ANALYSIS DATA:
 - TOTAL AREA OF SITE: 4.24 AC.
 - EXISTING IMPERVIOUS AREA: 0.16 AC.
 - EXISTING GREEN AREA: 4.08 AC.
 - EXISTING FORESTED AREA: 0.00 AC.
 - EXISTING SITE USE: WCMAT
- AREA OF PLAN SUBMISSION: 4.24 AC.
 - LIMIT OF DISTURBANCE: 2.22 AC.
 - IMPERVIOUS AREA (WITHIN THE LOD): 0.51 AC.
 - REVEGETATED AREA (WITHIN THE LOD): 1.71 AC.
 - PROPOSED SITE USE: SFD RESIDENTIAL
- THE EXISTING TOPOGRAPHY SHOWN HEREON IS BASED ON CURRENT HOWARD COUNTY GIS DATA AND HAS BEEN FIELD VERIFIED TO BE ACCURATE.
- THE PROJECT BOUNDARY SHOWN HEREON IS BASED ON A FIELD RUN BOUNDARY SURVEY PREPARED BY ROBERT H. VOGEL ENGINEERING, INC., DATED NOVEMBER 2013.
- SOIL TYPES SHOWN HEREON ARE FROM THE USDA WEB SOIL SURVEY.
- NO WETLANDS, STREAMS, FLOODPLAIN, STEEP SLOPES OR ASSOCIATED BUFFERS EXIST WHICH MAY AFFECT THE CONSTRUCTION OF THE PROPOSED DWELLING ON LOT 4.
- STORM WATER MANAGEMENT TO BE PROVIDED FOR THIS DEVELOPMENT BY ENVIRONMENTAL SITE DESIGN UTILIZING DRYWELL FACILITIES (M-5), RUN-AROUND FACILITIES (M-7) AND NON-ROOFTOP DISCONNECTS (M-2). THE FACILITIES WILL BE PRIVATELY OWNED AND MAINTAINED BY THE HOMEOWNER. REFER TO 2010 MDC STORMWATER DESIGN MANUAL (CHAPTER 5).
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- FOREST CONSERVATION REQUIREMENTS FOR THIS PROJECT WERE PREVIOUSLY ADDRESSED UNDER F-06-101.
- AN ENVIRONMENTAL RESOURCES ASSESSMENT WAS PERFORMED BY GRAY HILL, LLC, DATED JANUARY 2006.



RAIN GARDEN (UNDERDRAIN) (LOT 3)
NOT TO SCALE
*ADDITIONAL STONE PROVIDED FOR 10 YEAR ATTENUATION/REV



RAIN GARDEN (OVERFLOW) (LOT 3)
NOT TO SCALE
*ADDITIONAL STONE PROVIDED FOR 10 YEAR ATTENUATION/REV

FACILITY	A	B	C	D	E	F	G	H	UNDERDRAIN	OUTLET	FACILITY SIZE
M-2 (M-7)	574.80	574.30	573.50	573.25	571.75	571.41	570.42	569.59	570.75	570.30	186 SF

PROVIDE AN IMPERVIOUS LINER WITH THIS FACILITY.

SYMBOL / NAME / DESCRIPTION	GROUP	K-FACTOR	ERODIBLE
GgB GLENELG LOAM, 3 TO 8 PERCENT SLOPES	B	20	NO
MacC MANOR LOAM, 8 TO 15 PERCENT SLOPES	C	24	NO

NOTE: HEAVILY ERODIBLE SOILS ARE THOSE SOILS WITH A SLOPE GREATER THAN 15 PERCENT OR THOSE SOILS WITH A SOIL ERODIBILITY FACTOR K GREATER THAN 0.35 AND WITH A SLOPE GREATER THAN 5 PERCENT

FACILITY	A	B	C	D	E	F	G	H	UNDERDRAIN	OUTLET	FACILITY SIZE
RS-1 (M-7)	574.80	574.50	573.50	573.25	571.25	570.92	569.92	569.00	570.25	569.50	378 SF

OWNER/DEVELOPER CERTIFICATION:
I/WE CERTIFY THAT ANY CLEARING, GRADING, CONSTRUCTION OR DEVELOPMENT WILL BE DONE PURSUANT TO THIS APPROVED EROSION AND SEDIMENT CONTROL PLAN, INCLUDING INSPECTING AND MAINTAINING CONTROLS, AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A MARYLAND DEPARTMENT OF THE ENVIRONMENT (MDE) APPROVED TRAINING PROGRAM FOR THE CONTROL OF EROSION AND SEDIMENT PRIOR TO BEGINNING THE PROJECT. I CERTIFY RIGHT-OF-WAY FOR PERIOD OR SITE EVALUATION BY HOWARD COUNTY, THE HOWARD SOIL CONSERVATION DISTRICT AND/OR MDC.

DESIGN CERTIFICATION:
I HEREBY CERTIFY THAT THIS PLAN HAS BEEN DESIGNED IN ACCORDANCE WITH CURRENT MARYLAND EROSION AND SEDIMENT CONTROL LAWS, REGULATIONS AND STANDARDS, THAT IT REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

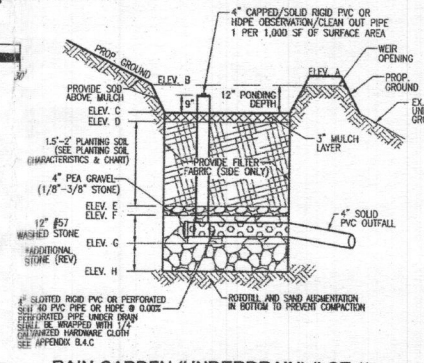
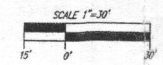
OWNER/DEVELOPER SIGNATURE: C/O GARY EVANS
DATE: 11/17/19

DESIGNER SIGNATURE: ROBERT H. VOGEL
DATE: 11/16/19
MD REGISTRATION NO. 18193
R.H.S., OR R.L.A. (circle one)

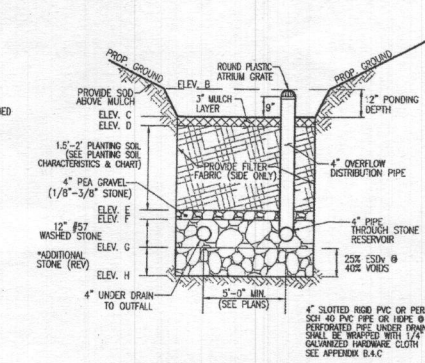


GRADING AND SEDIMENT CONTROL PLAN
SCALE: 1"=30'

NOTE: STOCKPILING WILL BE PERMITTED ON LOTS 1-3 ONLY.



RAIN GARDEN (UNDERDRAIN) (LOT 1)
NOT TO SCALE
*ADDITIONAL STONE PROVIDED FOR 10 YEAR ATTENUATION/REV

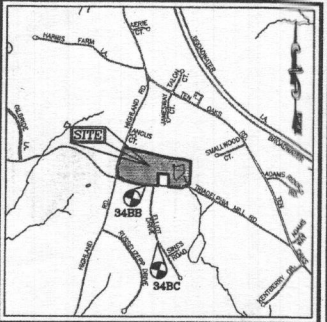


RAIN GARDEN (OVERFLOW) (LOT 1)
NOT TO SCALE
*ADDITIONAL STONE PROVIDED FOR 10 YEAR ATTENUATION/REV

LON E. BRIGHTBILL
NANCY L. BRIGHTBILL
TM: 34 PARCEL: 292
DUNFARMIN ESTATES
PLAT: 7830
L. 3097 / F. 269
LOT: 6
3.14 AC.
USE: RESIDENTIAL
ZONED: RR-DEO

BENCHMARKS

HOWARD COUNTY BENCHMARK 348B (CONC. MON.)
N 563,899.232 E 1319560.973 ELEV. 559.29
SOUTH SIDE TRIANGLE MILL ROAD, APPROX. 13' EAST
OF CENTERLINE OF DRIVEWAY FOR HOUSE # 13295.
HOWARD COUNTY BENCHMARK 349C (CONC. MON.)
N 562,546.600 E 1,319,251.519 ELEV. 529.572
SOUTH SIDE OF ELLIOTT DRIVE, EAST OF CENTERLINE
FOR THE DRIVEWAY FOR HOUSE NUMBER 13318.



VICINITY MAP
SCALE: 1"=2,000'
ADC MAP COORDINATE: PAGE: 24 OF 28

- LEGEND:**
- PROPERTY LINE
 - EXISTING RIGHT-OF-WAY LINE
 - PROPOSED RIGHT-OF-WAY LINE
 - ADJACENT PROPERTY LINE
 - EXISTING CURB AND GUTTER
 - EXISTING EDGE OF PAVING
 - EXISTING TIE LINE
 - EXISTING WOOD FENCE
 - EXISTING METAL FENCE
 - EXISTING UTILITY POLE
 - EXISTING 10' COLLAR
 - EXISTING 2' COLLAR
 - SOILS
 - EXISTING USE-IN-COMMON ACCESS EASEMENT
 - EXISTING WELL LOCATION
 - APPROVED WELL LOCATION (FIELD LOCATED)
 - PROPOSED ALTERNATE WELL LOCATION
 - EXISTING DRY WELL CASING (TO BE REMOVED)
 - EXISTING PRIVATE SDA
 - APPROVED PRIVATE SDA
 - APPROVED WELL BOX
 - PROPOSED 10' COLLAR
 - PROPOSED 2' COLLAR
 - PROPOSED SPOT ELEVATION
 - EXISTING SPECIMEN TREE
 - LOD
 - LIMIT OF DISTURBANCE
 - STABILIZED CONSTRUCTION ENTRANCE
 - SSF SUPER SALT FENCE
 - SF SALT FENCE
 - OF OVERFLOW FENCE

NOTE: LOCATE STOCKPILES AS SHOWN HEREON OR AS DIRECTED BY THE SEDIMENT CONTROL INSPECTOR. STOCKPILES EXCEEDING 15 FEET IN HEIGHT SHALL BE BENCHED.

WARNING!
INSTALL HIGHLY VISIBLE AND PROTECTIVE DEVICES AROUND WELLS PRIOR TO COMMENCEMENT OF GRADING OPERATIONS. MAINTAIN PROTECTIVE DEVICES THROUGHOUT DURATION OF CONSTRUCTION ACTIVITIES

OWNER - LOT 1
VENKATA G. VELACA
LALITHA WALLURI
2614 SHADYSIDE LANE
ELLCOTT CITY, MD 21043
(301) 832-4526

OWNER - LOT 2
ASHOK K. PATIBANDLA
VAHINI PATIBANDLA
11737 STATE ROUTE 108
CLARKSVILLE, MD 21029
(301) 832-4526

OWNER - LOT 3
PREETI BENJAMIN
LYONEL BENJAMIN
2127 ROCKWELL AVE.
CATONSVILLE, MD 21228
(301) 832-4526

BUILDER
CARUSO HOMES
C/O GARY EVANS
2120 BALDWIN AVE., #200
CROFTON, MD 21114
(301) 832-4526

NO.	REVISION	DATE

GRADING PLAN
SOILS MAP, GRADING, EROSION AND SEDIMENT CONTROL PLAN
JACK'S LANDING - LOTS 1-3
5524, 5528 & 5529 JACKS LANDING WAY
CLARKSVILLE, MD 21029
4.24 AC.
(PLAT: 23952-23955)

L. 18178 / F. 281
TAX MAP 34 GRID: 83
5TH ELECTION DISTRICT

PARCEL: 414
ZONED: RR-DEO
HOWARD COUNTY, MARYLAND

ROBERT H. VOGEL ENGINEERING, INC.
ENGINEERS - SURVEYORS - PLANNERS
3300 N. RIDGE ROAD, SUITE 110, ELLICOTT CITY, MD 21043
TEL: 410.461.7666 FAX: 410.461.8961

DESIGN BY: RHY
DRAWN BY: JMR
CHECKED BY: RHY
DATE: NOVEMBER 2018
SCALE: AS SHOWN
W.O. NO.: 13-31

PROFESSIONAL CERTIFICATE
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A QUALIFIED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. MY EXPIRATION DATE IS 08-27-2025.

ROBERT H. VOGEL, PE No. 18193

1 SHEET OF 2

HOWARD SOIL CONSERVATION DISTRICT
STANDARD SEDIMENT CONTROL NOTES

- A PRE-CONSTRUCTION MEETING MUST OCCUR WITH THE HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS, CONSTRUCTION INSPECTOR DIVISION (CID), 410-313-1852 AFTER THE FUTURE LEO AND PROTECTED AREAS ARE MARKED CLEARLY IN THE FIELD. A MINIMUM OF 48 HOUR NOTICE TO CID MUST BE GIVEN AT THE FOLLOWING STAGES:
 - PRIOR TO THE START OF EARTH DISTURBANCE OR GRADING.
 - UPON COMPLETION OF THE INSTALLATION OF PERMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING.
 - PRIOR TO THE START OF ANOTHER PHASE OF CONSTRUCTION OR OPENING OF ANOTHER GRADING LINE.
 - PRIOR TO THE REMOVAL OR MODIFICATION OF SEDIMENT CONTROL PRACTICES.
 OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS WORK APPROVAL BY THE INSPECTOR DIVISION IS MADE. OTHER RELATED STATE AND FEDERAL PERMITS SHALL BE REFERENCED TO ENSURE COORDINATION AND TO AVOID CONFLICTS WITH THIS PLAN.
- ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE 2011 "MARIANO" STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, AND REVISIONS THERETO.
- FOLLOWING FINAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION IS REQUIRED WITHIN THREE (3) CALENDAR DAYS AS TO THE SURFACE OF ALL PERMETER CONTROLS, DRAINS, SWALES, DITCHES, PERMETER STRIPES, AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1), AND SEVEN (7) CALENDAR DAYS AS TO ALL OTHER DISTURBED AREAS ON THE PROJECT SITE EXCEPT FOR THOSE AREAS UNDER ACTIVE GRADING.
- ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 2011 "MARIANO" STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR TOPSOIL (SEC. B-4-2), PERMANENT SEEDING (SEC. B-4-3), TEMPORARY SEEDING (SEC. B-4-4) AND MULCHING (SEC. B-4-5). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE APPLIED TO THE FALL AND SPRING SEEDING DATES IF THE GRADING IS PROGRESSIVE, AND STABILIZATION (SEC. B-4-1) SPECIFICATIONS SHALL BE ENFORCED IN AREAS WITH >15% OF CUT AND/OR FILL TOPOGRAPHY (SEC. B-4-4) IN AREAS OF 20 FT. MUST BE SEEDING WITH STRATIFIED OUL, ALL CONCENTRATED FLOW, SLOPE, SLOPE, AND WINDY ERODIBLE AREAS SHALL RECEIVE SOIL STABILIZATION MATING (SEC. B-4-6).
- ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE, AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMITS FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE CID.
- ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
- ADDITIONAL SEDIMENT CONTROL MUST BE PROVIDED, IF DEEMED NECESSARY BY THE CID. THESE ALL CONTROLS SHALL BE INSPECTED BY THE CONTRACTOR WEEKLY AND THE NEXT DAY AFTER EACH RAIN EVENT. A WRITTEN REPORT BY THE CONTRACTOR, MADE AVAILABLE UPON REQUEST, IS PART OF EVERY INSPECTION AND SHALL INCLUDE:
 - INSPECTION TIME (ROUTINE, PRE-STORM EVENT, DURING RAIN EVENT)
 - WEATHER INFORMATION (WEATHER CONDITIONS AS WELL AS TIME AND AMOUNT OF LAST RECEIVED PRECIPITATION)
 - BRIEF DESCRIPTION OF PROJECT'S STATUS (E.G. PERCENT COMPLETE) AND/OR CURRENT ACTIVITIES
 - EVIDENCE OF SEDIMENT DISCHARGES
 - IDENTIFICATION OF PLAN DEFICIENCIES
 - IDENTIFICATION OF SEDIMENT CONTROLS THAT REQUIRE MAINTENANCE
 - IDENTIFICATION OF MISSING OR IMPROPERLY INSTALLED SEDIMENT CONTROLS
 - COMPLAINT STATUS REGARDING THE SEQUENCE OF CONSTRUCTION AND STABILIZATION REQUIREMENTS
 - PHOTOGRAPHS
 - MONITORING/SAMPLING AND/OR CORRECTIVE ACTION PERFORMED
 - OTHER INSPECTION ITEMS AS REQUIRED BY THE GENERAL PERMIT FOR STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITIES (MPRES, MISC).
- TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH CAN BE AND SHALL BE BACK FILLED AND STABILIZED BY THE END OF EACH WORKDAY, WHICHEVER IS SHORTER.
 - WESTERN MD. MARCH 15 TO JUNE 1, AUGUST 10 TO OCTOBER 1 (HARDNESS ZONES 5B, 6A)
 - CENTRAL MD. MARCH 15 TO MAY 15, AUGUST 15 TO OCTOBER 15 (HARDNESS ZONES 6B)
 - SOUTHERN MD. EASTERN SHORE MARCH 10 TO MAY 15, AUGUST 15 TO OCTOBER 15 (HARDNESS ZONES 7A, 7B)
- ALL AREAS TO RECEIVE SEED BY DRIVING OR OTHER APPROVED METHODS TO A DEPTH OF 2 TO 4 INCHES, LEVEL, AND MAKE THE AREA TO PREPARE A PROPER SEEDBED. REMOVE STONES AND DEBRIS OVER 1/8 INCHES IN DIAMETER. THE RESULTING SEEDBED MUST BE IN SUCH CONDITION THAT FUTURE MOWING OF GRASSES WILL POSE NO DIFFICULTY.
- SOIL MULCHING IS REQUIRED. SUPPLY NEW SEEDINGS WITH ADEQUATE WATER FOR PLANT GROWTH (1/2 TO 1 INCH EVERY 3 TO 4 DAYS DEPENDENT ON SOIL TEXTURE) UNTIL THEY ARE FULLY ESTABLISHED. THIS IS ESPECIALLY TRUE WHEN SEEDING IS MADE LAKE IN THE PLANTING SEASON, IN PARTICULAR DRY OR HOT SEASONS, OR ON ADVERSE SLOPES.
- WASH WATER FROM ANY EQUIPMENT, VEHICLES, WHEELS, PAVEMENT, AND OTHER SOURCES MUST BE TREATED IN A SEDIMENT BASIN OR OTHER APPROVED WASTEWATER STRUCTURE.
- TOPSOIL SHALL BE STOCKPILED AND PRESERVED ON-SITE FOR REDEVELOPMENT (ON-SITE) FINAL GRADE.
- ALL SILT FENCE AND SUPER SILT FENCE SHALL BE PLACED ON THE CONTOUR, AND BE IMBERGATED AT 25' SPAN INTERVALS, WITH LOWER ENDS CURLED UPWARD BY 2' IN ELEVATION.
- STREAM CHANNELS MUST NOT BE DISTURBED DURING THE FOLLOWING RESTRICTED TIME PERIODS (INCLUDES):
 - USE IN MARCH 15 - JUNE 15
 - USE IN MARCH 15 - MAY 31
 - USE IN MARCH 1 - MAY 31
- A COPY OF THIS PLAN, THE 2011 "MARIANO" STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, AND ASSOCIATED PERMITS SHALL BE ON-SITE AND AVAILABLE WHEN THE SITE IS ACTIVE.

SITE ANALYSIS

TOTAL AREA OF SITE:	4.24 ACRES
AREA DISTURBED:	2.22 ACRES
AREA TO BE REFOOD OR PAVED:	0.51 ACRES
AREA TO BE VEGETATIVELY STABILIZED:	1.71 ACRES
TOTAL CUT:	1,129 CU YD
TOTAL FILL:	1,129 CU YD
ESTIMATED WASTE/BORROW AREA LOCATION:	41

* ESTIMATE ONLY. CONSTRUCTION SHALL VERIFY QUANTITIES TO HIS OWN SATISFACTION.
** TO BE DETERMINED BY CONTRACTOR, WITH PRE-APPROVAL OF THE SEDIMENT CONTROL INSPECTOR, WITH AN APPROVED AND ACTIVE GRADING PERMIT.

PERMANENT SEEDING SUMMARY

HARDNESS ZONE (FROM FIGURE B.3):	ZONE 6a	ZONE 6b	FELDER RATE (10-20-20)	LINE RATE
SEED MIXTURE (FROM TABLE B.1):	1	2		
NO. SPECIES	APPLICATION RATE (LB/AC)	SEEDING DATES	SEEDING DEPTHS	SEEDING DEPTHS
1	1.5	MAY 1 TO OCT 15	1/4"-1/2"	1/4"-1/2"
2	1.5	MAY 1 TO OCT 15	1/4"-1/2"	1/4"-1/2"
3	1.5	MAY 1 TO OCT 15	1/4"-1/2"	1/4"-1/2"
4	1.5	MAY 1 TO OCT 15	1/4"-1/2"	1/4"-1/2"
5	1.5	MAY 1 TO OCT 15	1/4"-1/2"	1/4"-1/2"
6	1.5	MAY 1 TO OCT 15	1/4"-1/2"	1/4"-1/2"
7	1.5	MAY 1 TO OCT 15	1/4"-1/2"	1/4"-1/2"
8	1.5	MAY 1 TO OCT 15	1/4"-1/2"	1/4"-1/2"
9	1.5	MAY 1 TO OCT 15	1/4"-1/2"	1/4"-1/2"
10	1.5	MAY 1 TO OCT 15	1/4"-1/2"	1/4"-1/2"
11	1.5	MAY 1 TO OCT 15	1/4"-1/2"	1/4"-1/2"
12	1.5	MAY 1 TO OCT 15	1/4"-1/2"	1/4"-1/2"
13	1.5	MAY 1 TO OCT 15	1/4"-1/2"	1/4"-1/2"
14	1.5	MAY 1 TO OCT 15	1/4"-1/2"	1/4"-1/2"
15	1.5	MAY 1 TO OCT 15	1/4"-1/2"	1/4"-1/2"
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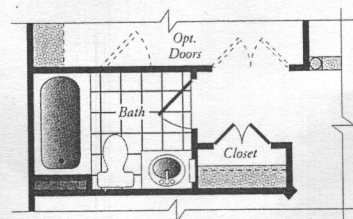
B-4-5 STANDARDS AND SPECIFICATIONS FOR PERMANENT STABILIZATION

- DEFINITION**
TO STABILIZE DISTURBED SOILS WITH PERMANENT VEGETATION.
- PURPOSE**
TO USE LONG-LIVED PERENNIAL GRASSES AND LEGUMES TO ESTABLISH PERMANENT GROUND COVER ON DISTURBED SOILS.
- CONDICTIONS WHERE PRACTICE APPLIES**
DISTURBED SOILS WHERE GROUND COVER IS NEEDED FOR 6 MONTHS OR MORE.
- CRITERIA**
A. SEED MIXTURES
1. SELECT ONE OR MORE OF THE SPECIES OR MIXTURES LISTED IN TABLE B.3 FOR THE APPROPRIATE PLANT HARDNESS ZONE (FROM FIGURE B.3) AND BASED ON THE SITE CONDITION OR PURPOSE. SEED MIXTURES MUST BE APPLIED TO THE PLANT HARDNESS ZONE AND SEEDING DATES IN THE PERMANENT SEEDING SUMMARY. THE SEED MIXTURE MUST BE PLACED ON THE PLAN.
2. ADDITIONAL PLANTING SPECIFICATIONS FOR EXCEPTIONAL SITES SUCH AS SHOULDER, STREAM BANKS OR DAMS OR FOR SPECIAL PURPOSES SUCH AS WILDLIFE OR AESTHETIC TREATMENT MAY BE FOUND IN LAND-USE TECHNICAL FIELD OFFICE GUIDE, SECTION 362 - CRITICAL AREA PLANNING.
3. FOR SITES WITHING DISTURBED AREAS OVER 5 ACRES, USE AND SHOW THE METHODS RECOMMENDED BY THE SOIL TESTING AGENCY.
4. FOR AREAS RECEIVING LOW MAINTENANCE, APPLY UREA FROM FERTILIZER (44-0-0) AT 3-1/2 POUNDS PER 1000 SQUARE FEET (150 POUNDS PER ACRE) AT THE TIME OF SEEDING IN ADDITION TO THE SOIL AMENDMENTS SHOWN IN THE PERMANENT SEEDING SUMMARY.
5. TURFGRASSES MUST BE SEEDS INCLUDING LAUREL, PERNS, PLYNTOGRASS, AND COMMERCIAL TYPES WHICH WILL GROW TO A MEDIUM TO HIGH LEVEL OF MAINTENANCE.
6. SELECT ONE OR MORE OF THE SPECIES OR MIXTURES LISTED BELOW BASED ON THE SITE CONDITIONS OR PURPOSE, OTHER SELECTED MIXTURES, APPLICATION RATES, AND SEEDING DATES IN THE PERMANENT SEEDING SUMMARY. THE SUMMARY IS TO BE PLACED ON THE PLAN.
7. KENTUCKY BLUEGRASS: FULL SUN MIXTURE; FOR USE IN AREAS THAT RECEIVE INTERMEDIATE MANAGEMENT. IRONWOODS REQUIRED IN THE AREAS OF COASTAL, MARYLAND AND EASTERN SHORE. RECOMMENDED CERTIFIED KENTUCKY BLUEGRASS CULTIVARS: SEEDING RATE: 1.5 TO 2.0 POUNDS PER 1000 SQUARE FEET. CHOOSE A MARYLAND OR THREE KENTUCKY BLUEGRASS CULTIVARS WITH EACH RANGING FROM 10 TO 35 PERCENT OF THE TOTAL MIXTURE BY WEIGHT.
8. KENTUCKY BLUEGRASS/PERENNIAL RYE: FULL SUN MIXTURE; FOR USE IN FULL SUN AREAS WHERE PASTURE ESTABLISHMENT IS NECESSARY AND WHEN THEY WILL RECEIVE MEDIUM TO INTERMEDIATE MANAGEMENT. CERTIFIED PERENNIAL BLUEGRASS CULTIVARS: SEEDING RATE: 1.5 TO 2.0 POUNDS PER 1000 SQUARE FEET. CHOOSE A MARYLAND OR THREE KENTUCKY BLUEGRASS CULTIVARS WITH EACH RANGING FROM 10 TO 35 PERCENT OF THE TOTAL MIXTURE BY WEIGHT.
9. TALL FESCUE/ARCTIC BLUEGRASS: FULL SUN MIXTURE; FOR USE IN INTERMEDIATE PRIME AREAS AND/OR FOR AREAS RECEIVING LOW TO MEDIUM MAINTENANCE. FULL SUN MIXTURES: SEEDING RATE: 1.5 TO 2.0 POUNDS PER 1000 SQUARE FEET. CHOOSE A MARYLAND OR THREE KENTUCKY BLUEGRASS CULTIVARS OR 5 TO 10 PERCENT OF THE TOTAL MIXTURE BY WEIGHT.
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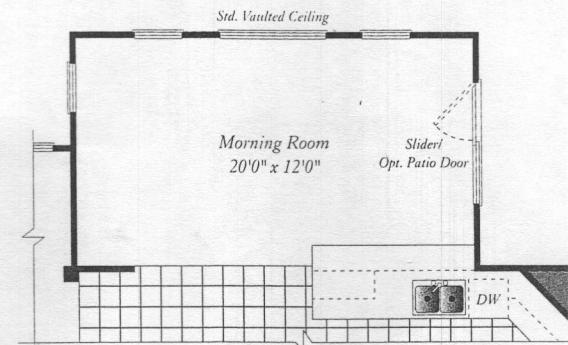
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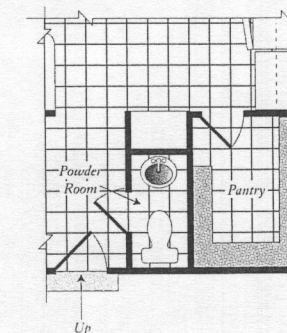
SIMPLIFIED FLOOR PLAN
LOT 1
5524 JACKS LANDING



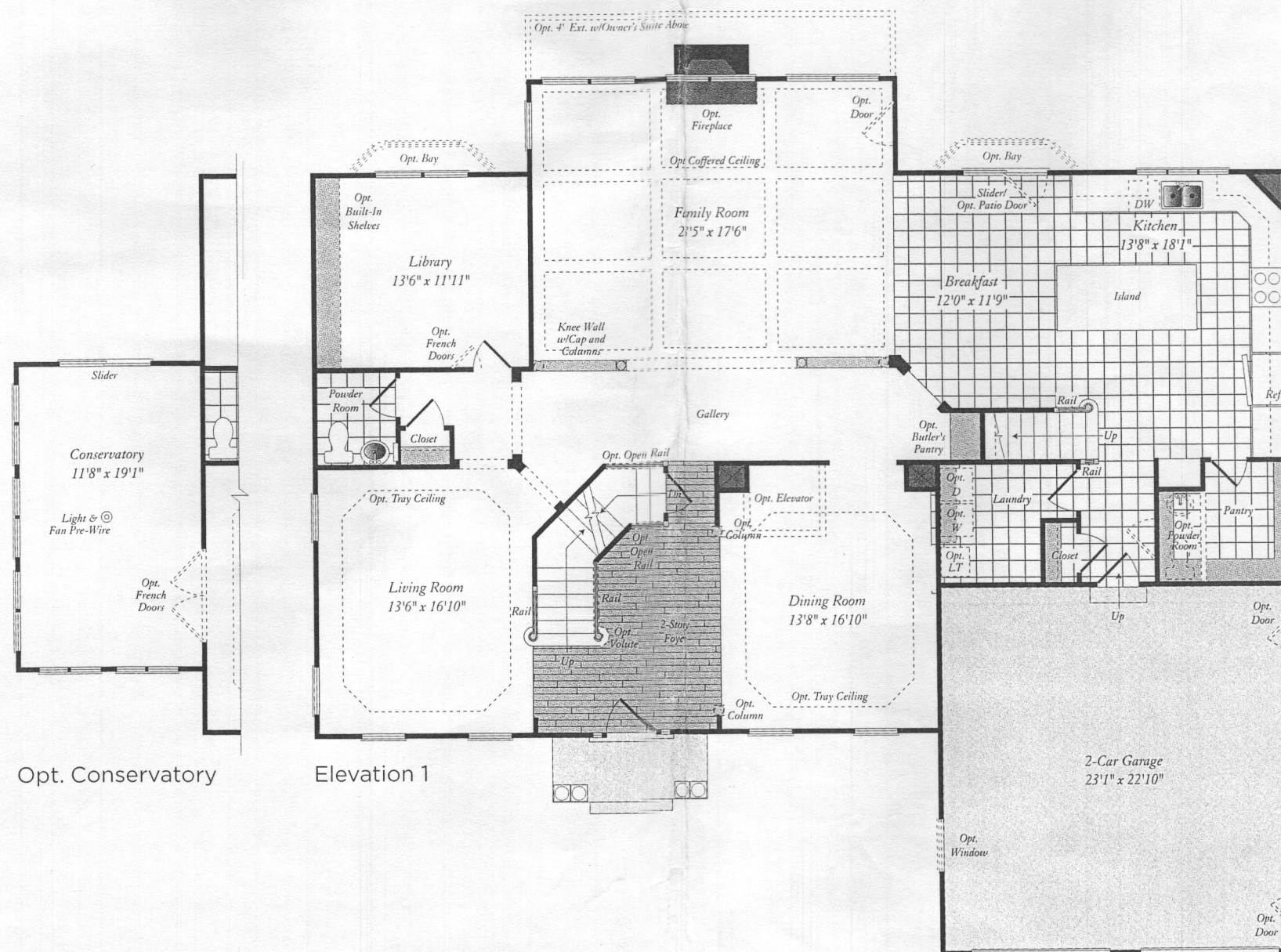
Opt. Full Bath



Opt. Morning Room

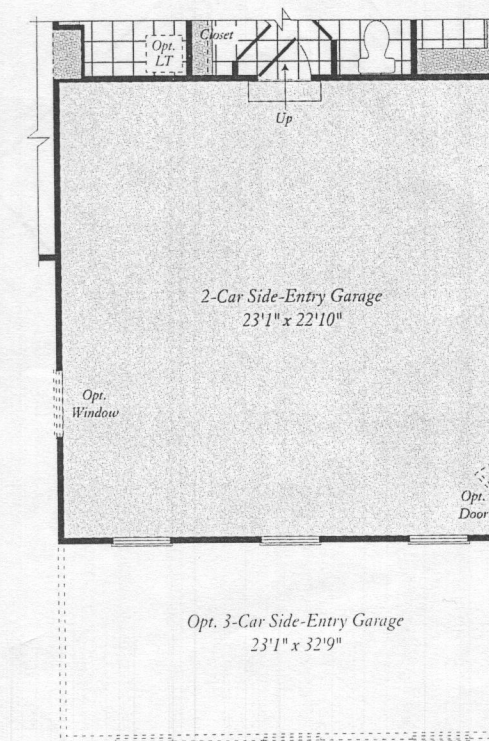


Opt. Powder Room



Opt. Conservatory

Elevation 1



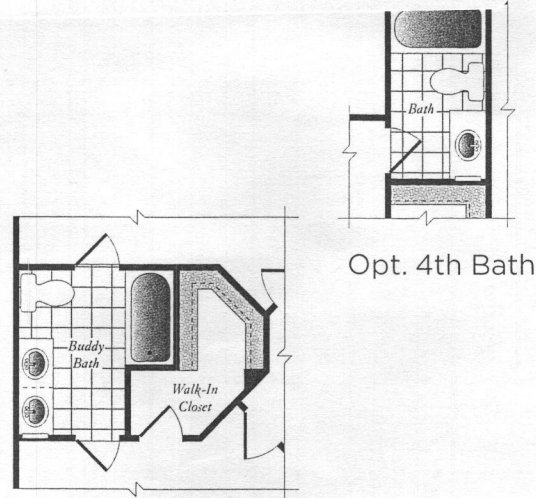
Opt. 3-Car Side-Entry Garage

B18004114

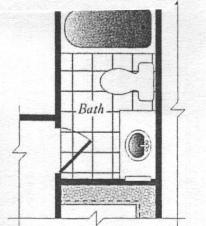
HEALTH DEPT

Second Floor

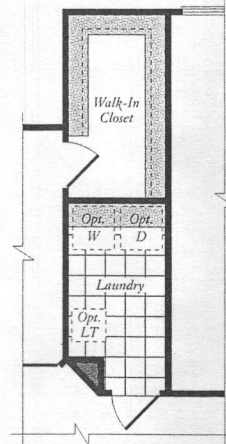
SIMPLIFIED FLOOR PLAN
LOT 1
5524 JACKS LANDING



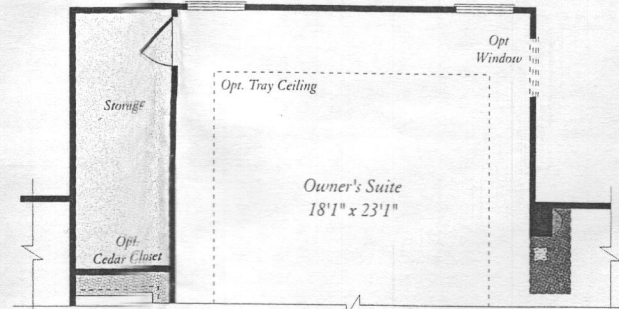
Opt. Buddy Bath



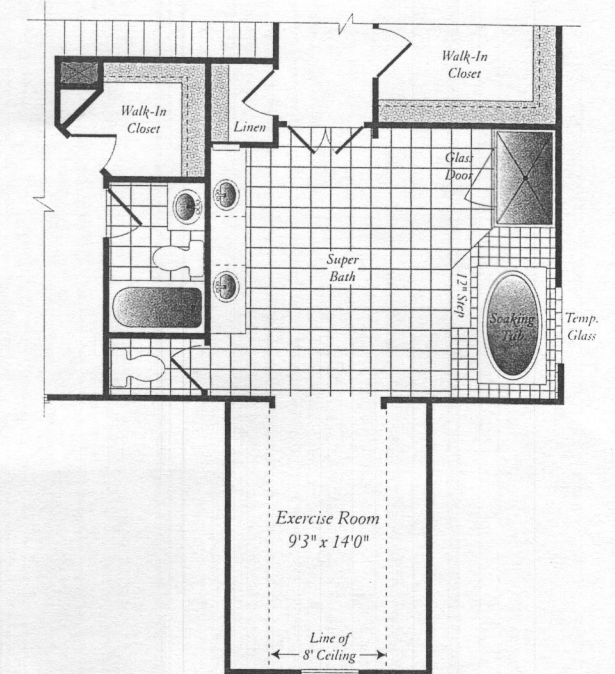
Opt. 4th Bath



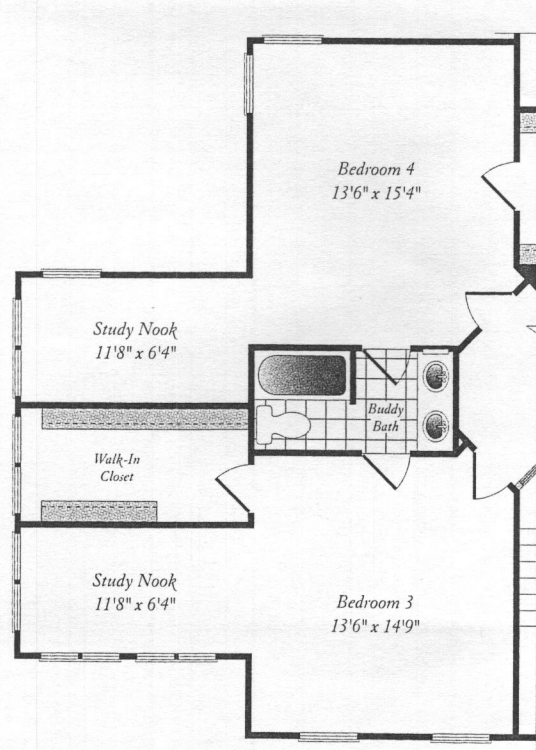
Opt. Laundry



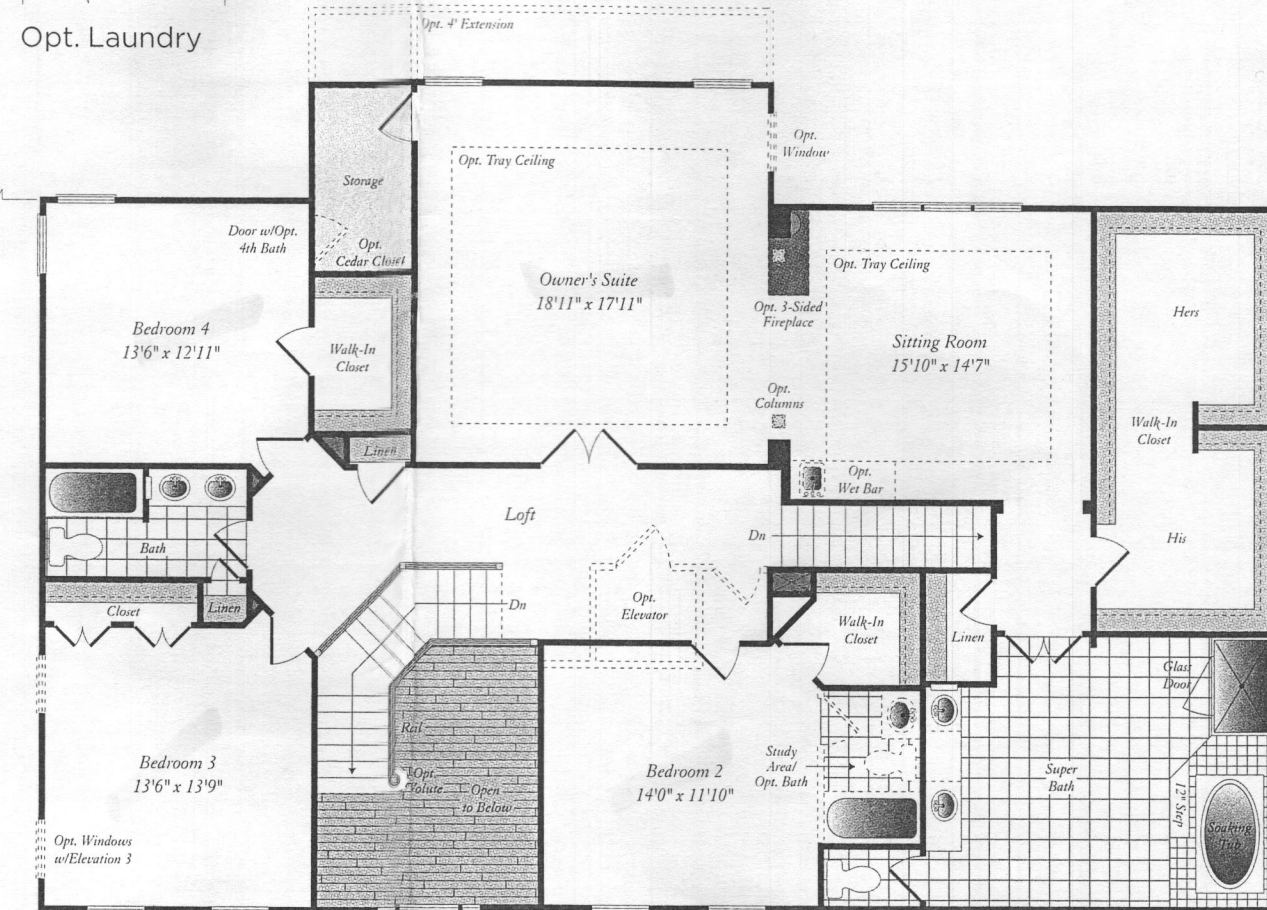
Opt. Owner's Suite Ext.



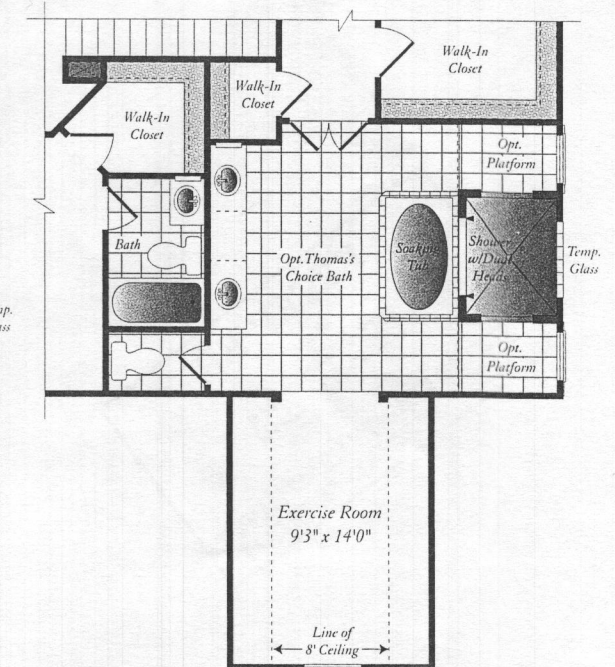
Opt. Exercise Room



Opt. Buddy Bath with
Opt. 2-Story Conservatory



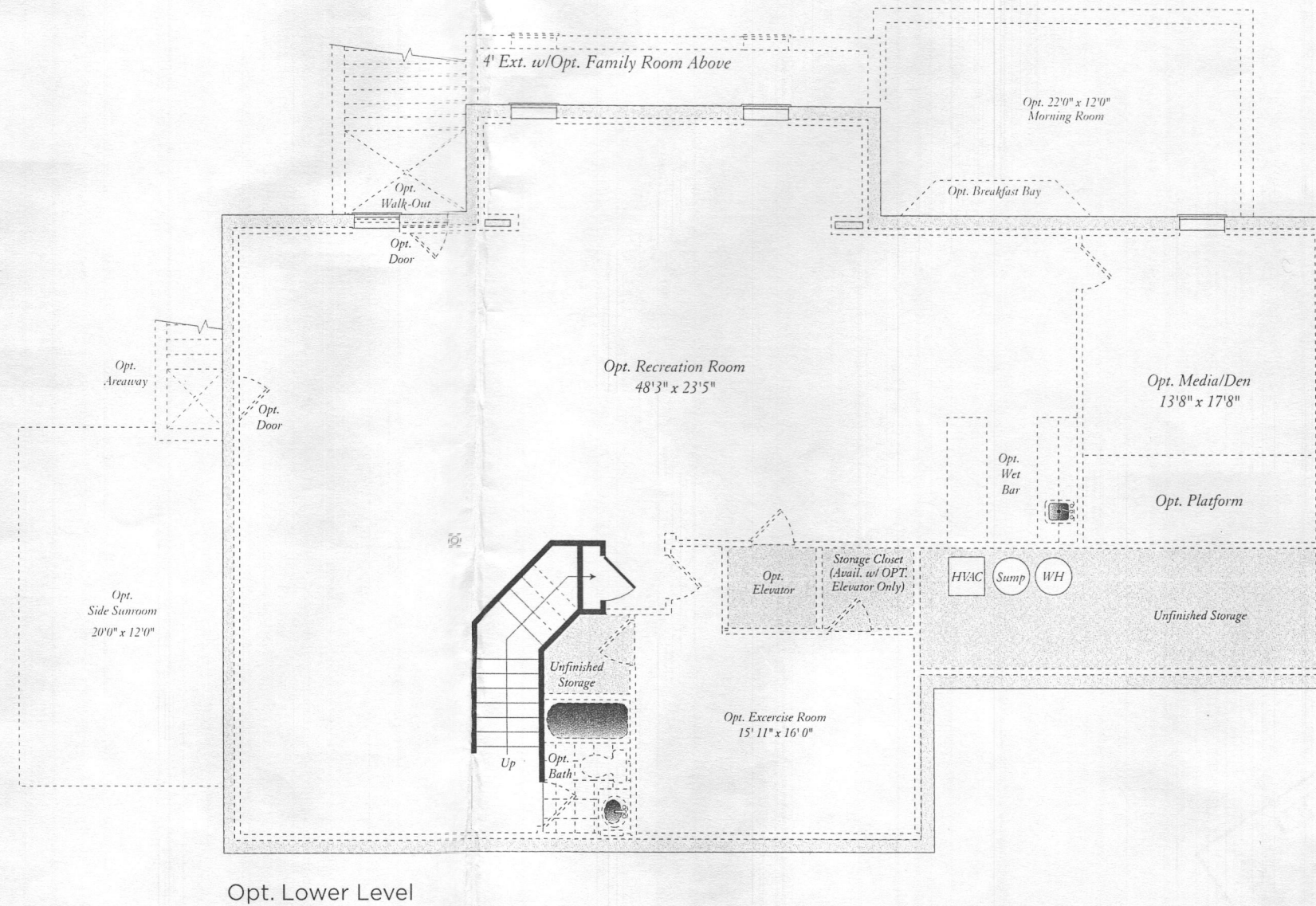
Elevation 1



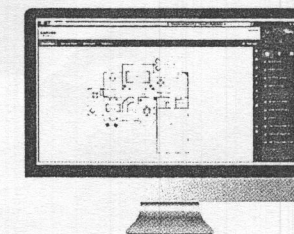
Opt. Thomas's Choice Bath
w/Opt. Exercise Room

Basement

SIMPLIFIED FLOOR PLAN
LOT 1
5524 JACKS LANDING



THE **Monticello**



To see more options or build your own floor plan
Visit our Floor Plan Designer
<http://contradovip.com/caruso/monticello/>

818004111



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: _____

Permit No.: B19001468

Building Address: 5524 Jacks Landing Way
City: Clarksville State: MD Zip Code: 21029
Suite/Apt. #: _____ SDP/WP/BA #: _____
Subdivision: _____
Lot: _____ Tax Map: _____ Parcel: _____

Existing Use: SFD
Proposed Use: SFD
Estimated Construction Cost: \$ 5000
Description of Work: Install 1-1000 gallon under ground propane tank & gas line to house

Occupant/Tenant Name: _____
Was tenant space previously occupied? Yes No
Contact Name: _____
Address: _____
City: _____ State: _____ Zip Code: _____
Phone: _____ Fax: _____
Email: _____

Property Owner's Name: Venkata Velaga & Lalitha Vulluri
Address: 2614 Shady Side Lane
City: Ellicott City State: MD Zip Code: 21043
Phone: 410-977-0864 Fax: _____
Email: _____

Applicant's Name & Mailing Address, (If other than stated herein)
Applicant's Name: Kenstrick House
Address: 230 Lincoln Way East
City: Newport State: PA Zip Code: 17350
Phone: 717-577-5787 Fax: _____
Email: KenstrickHouse@aeroenergy.com

Contractor Company: Aero Energy
Contact Person: Rich Jarry
Address: 230 Lincoln Way East
City: Newport State: PA Zip Code: 17350
License No.: 7989
Phone: 202-998-4311 Fax: _____
Email: Rjarry@aeroenergy.com

Engineer/Architect Company: _____
Responsible Design Prof.: _____
Address: _____
City: _____ State: _____ Zip Code: _____
Phone: _____ Fax: _____
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:	
	2 nd floor:	
Area of construction (sq. ft.):	Basement:	
	<input type="checkbox"/> Finished Basement	
Use group:	<input type="checkbox"/> Unfinished Basement	
	<input type="checkbox"/> Crawl Space	
	<input type="checkbox"/> Slab on Grade	
Construction type:	No. of Bedrooms:	
<input type="checkbox"/> Reinforced Concrete	Multi-family Dwelling	
<input type="checkbox"/> Structural Steel	No. of efficiency units:	
<input type="checkbox"/> Masonry	No. of 1 BR units:	
<input type="checkbox"/> Wood Frame	No. of 2 BR units:	
<input type="checkbox"/> State Certified Modular	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:	
Roadside Tree Project Permit #	<input type="checkbox"/> State Certified Modular	
	<input type="checkbox"/> Manufactured Home	

Utilities	
Electric:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Gas:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Water Supply	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Sewage Disposal	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Heating System	
<input type="checkbox"/> Electric <input type="checkbox"/> Oil	
<input type="checkbox"/> Natural Gas <input checked="" type="checkbox"/> Propane Gas	
<input type="checkbox"/> Other:	
Sprinkler System:	
<input type="checkbox"/> Yes <input type="checkbox"/> No	
Grading Permit Number:	
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.

Kenstrick House
Applicant's Signature
KenstrickHouse@aeroenergy.com
Email Address
Sales
Title/Company

Kenstrick House
Print Name
5-7-19
Date

RECEIVED

MAY 08 2019

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>5/21/19</u>	<u>[Signature]</u>

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>110</u>
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$
Add'l per Fee	\$
Total Fees	\$
Sub- Total Paid	\$
Balance Due	\$
Check	# <u>1474</u>

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