

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: 4/11/14 ONSITE SEWAGE DISPOSAL SYSTEM P 546309

INSTALLATION PERMIT A
APPROVAL DATE:

SEWER HOUSE CONNECTION

PROPERTY ADDRESS: 12612 Golden Oak Drive

SUBDIVISION: Triadelphia Woods, Section 1 LOT: 49 TAX ID: 03-312690

CONTRACTOR: EMAIL:

CONTRACTOR ADDRESS: PHONE:

PROPERTY OWNER: Patricia and Scott Corbett EMAIL:

OWNER ADDRESS: 12612 Golden Oak Drive, Ellicott City, MD 21042 PHONE:

NUMBER OF BEDROOMS: HOUSE SQ. FT. CONNECTED TO PUBLIC WATER: YES NO

Table with 2 columns: LOCATION, NOTES. LOCATION: INSTALL 4" SEWER LINE PER APPROVED SITE PLAN.

ISSUED BY: Andrew Geisert ISSUE DATE: 4/11/14 EXPIRATION DATE: 4/11/15

- NOTE: HOWARD COUNTY BUREAU OF UTILITIES APPROVAL OF GRINDER PUMP INSTALLATION IS REQUIRED PRIOR TO SEPTIC PERMIT APPROVAL
NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING
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 FOR INSPECTION OF SEPTIC SYSTEM.

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 _____

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL _____
MANUFACTURER _____
CAPACITY _____ GAL
SEAM LOC _____
TANK LID DEPTH _____
BAFFLES _____
BAFFLE FILTER _____
MANHOLE LOC _____
6" PORT LOC _____
WATERTIGHT TEST _____
SLOTTED _____
DATE ON LID _____

PUMP/SEPTIC TANK LEVEL _____
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:

INSTALLATION:

FINAL INSPECTOR _____ DATE OF APPROVAL _____

Geisert, Andrew

From: Geisert, Andrew
Sent: Thursday, April 10, 2014 12:06 PM
To: 'Ron Johnston'
Cc: 'Patricia Corbett'; 'michelle@hagan.com'
Subject: 12612 Golden Oak Drive

Ron,

I have completed the final review of the proposed detached pottery studio. Everything is fine. Prior to our release of the permit, someone must come into our office and pay a \$165 Sewer House Connection Fee. This fee covers the septic permit for connecting the proposed structure to the existing septic line. In addition, we will REQUIRE that the plumber ties that line into the plumbing prior to the septic tank. We don't want them to make any alterations to the existing septic tank, only to tie into the piping between the house and the tank.

When the tie-in is complete, the plumber must leave the trench uncovered and call for a sewer line inspection.

In summation, pay a \$165 fee and you will have your health department approval.

Andrew Geisert
Environmental Sanitarian Supervisor
Howard County Health Department
Bureau of Environmental Health
Office: 410-313-6287
Fax: 410-313-2648
ageisert@howardcountymd.gov

CONFIDENTIALITY NOTICE

This message and the accompanying documents are intended only for the use of the individual or entity to which they are addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, you are hereby notified that you are strictly prohibited from reading, disseminating, distributing, or copying this communication. If you have received this email in error, please notify the sender immediately and destroy the original transmission.

Geisert, Andrew

From: Patricia Corbett [pcorbettmd@gmail.com]
Sent: Tuesday, April 08, 2014 1:03 PM
To: Geisert, Andrew
Subject: 12612 Golden Oak Drive

Hello Mr. Geisert:

Ron Johnston forwarded the email you sent to him concerning the pottery studio he designed for us. He thought it might be more expedient if I answered your questions. I have the drawings for the main house. Do you want a complete set or the floor plans of the living area or just a verification of the number of bedrooms? There are four.

As far as the expected water usage for the studio, there really wouldn't be a difference between what we use now and what we will be using as a result of the addition. I currently make pottery in our basement and that will be the primary purpose of the studio. There would be hand washing, occasional toilet flushing, a bucket of water for cleaning, and house plant watering perhaps once a week. The water used for cleaning up in a clay studio never goes into the sewer or septic system anyway as that would cause terrific blockages. I allow the water from the buckets to evaporate leaving behind the dry clay which is then disposed of in the trash or more often reconstituted.

There will be no teaching or sharing of studio space, no business activity, and no production work. The largest room will be used as the pottery studio, the next largest as a small engine workshop and garden equipment storage, the vestibule for climate control and design work, and the sunroom as a winter atrium for house plants. My husband and I are the only people living in our house, we are both retired, and we do not intend to invite anyone else to share this workspace.

I hope this adequately addresses your concerns and questions, but please feel free to contact me for any further clarification.

Thank you,

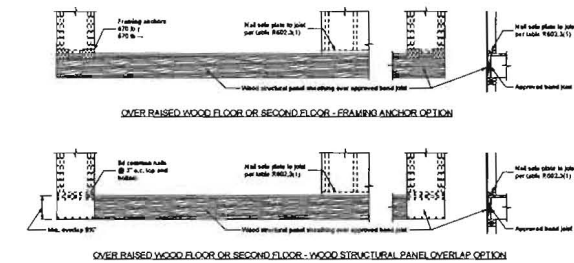
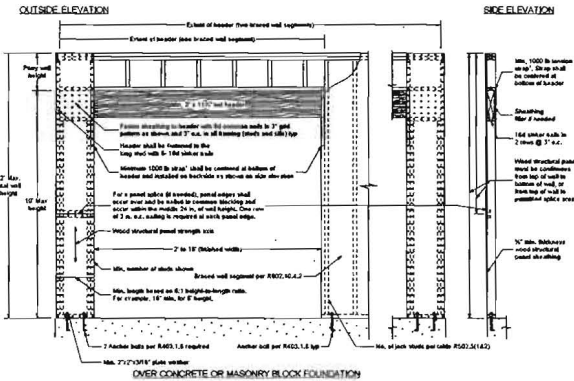
Patricia Corbett

NOTES

Methods WSP & CS-WSP: Min. 7/16" OSB Wood Structural Panel sheathing attached to framing with 6d at 6" o.c. at panel edges and 12" o.c. at intermediate framing members.
Note: At Braced Wall Lines incorporating Continuously Sheathed bracing methods (CS-WSP & CS-PF), all exterior walls along the Braced Wall Line must be fully sheathed with min 7/16" OSB Wood Structural Panel sheathing fastened per IRC 2012 Tables R602.3(1), R602.3(2), and R602.3(3).

Method GB: Min. 1/2" gypsum board applied to each side of framing with adhesive and Type S or W screws @ 7" o.c. at panel edges and 24" o.c. at intermediate framing members or nails per IRC 2012 Table R702.3.5 @ 7" o.c. at panel edges and 16" o.c. at intermediate framing members.

Method LTB: Simpson WB/WBC straps installed in an "X" pattern on one face of wall; fasten with 2-16d nails at top and bottom plates and 1-8d nail per stud. 8' tall walls to use either WB106/WB106C installed at 60° from horizontal (4'-8" linear wall length) or WB126/WB126C installed at 45° from horizontal (8'-1" linear wall length); 9' tall walls to use WB126/WB126C installed at 53° from horizontal (6'-10" linear wall length); 10' tall walls to use WB143C installed at 45° from horizontal (10'-1" linear wall length).

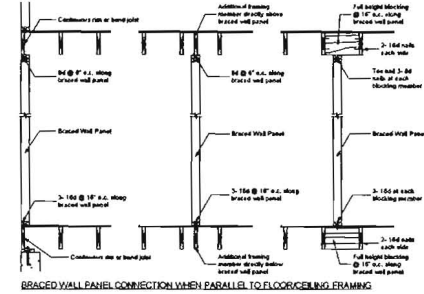
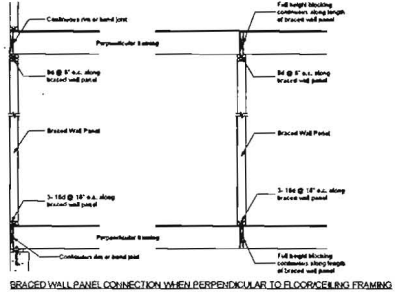


Tension Strap Capacity Required for Method CS-PF

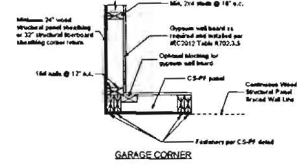
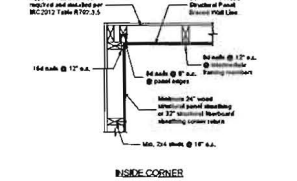
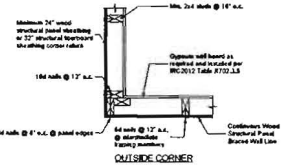
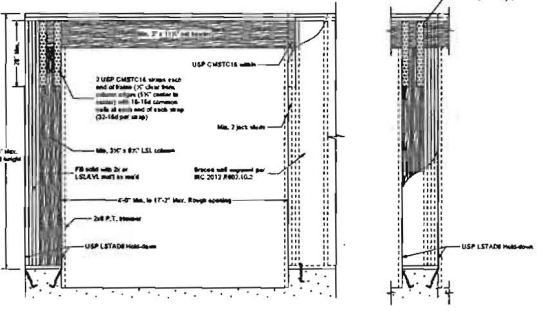
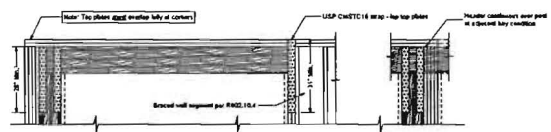
Minimum Wind Speed Framing Method and Clauses	Maximum Panel Width (Height) (ft)	Minimum Opening Height (ft)	Wind Exposure B		Wind Exposure C	
			Minimum Opening Width (ft)	Minimum Tension Strap Capacity (lb)	Minimum Opening Width (ft)	Minimum Tension Strap Capacity (lb)
2nd Max. 7' On-side	1	18	18	1000	18	1000
			18	1000	18	1000
			18	1000	18	1000
	2	12	18	2075	18	2000
			18	2000	18	2000
			18	2000	18	2000
4	12	18	3500	18	3500	
		18	3500	18	3500	
		18	3500	18	3500	
2nd Stud On-side	2	12	18	1000	18	1000
			18	1000	18	1000
			18	1000	18	1000
	4	12	18	2000	18	2000
			18	2000	18	2000
			18	2000	18	2000

Notes: 1. Basic Wind Speed of 80mph. For other Basic Wind Speeds, see IRC 2012 Table R602.3.5. 2. DR = Design Pressure.

CS-PF Continuous Portal Frame
NOT TO SCALE



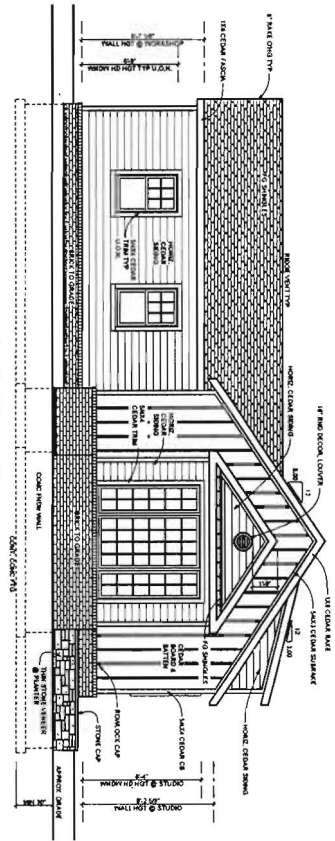
Braced Wall Panel Connections to Floor and Ceiling Framing
NOT TO SCALE



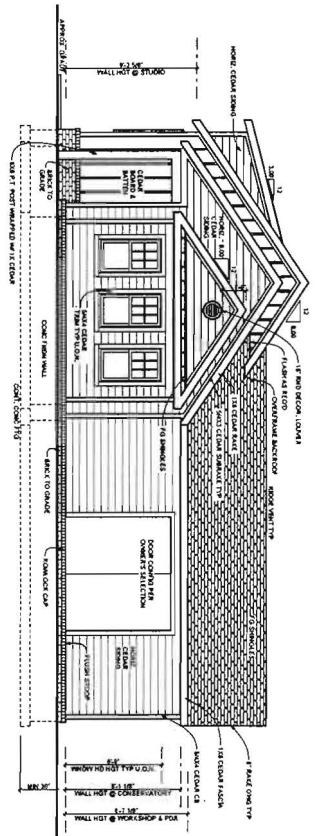
Corner Framing Details
NOT TO SCALE

EPF Engineered LSL Column Portal Frame
NOT TO SCALE

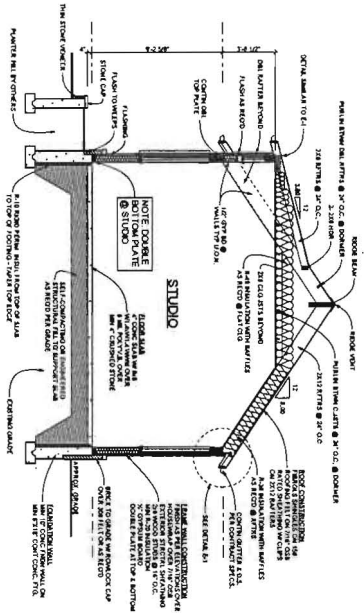
PROFESSIONAL CERTIFICATION
DATE: 12/12/2013
SHEET NO: W-1



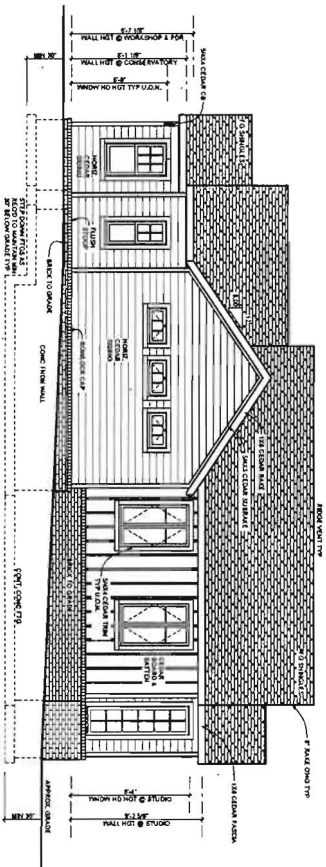
Left Elevation
SCALE: 1/4" = 1'-0"



Right Elevation
SCALE: 1/4" = 1'-0"



Section A
SCALE: 1/4" = 1'-0"



Rear Elevation
SCALE: 1/4" = 1'-0"

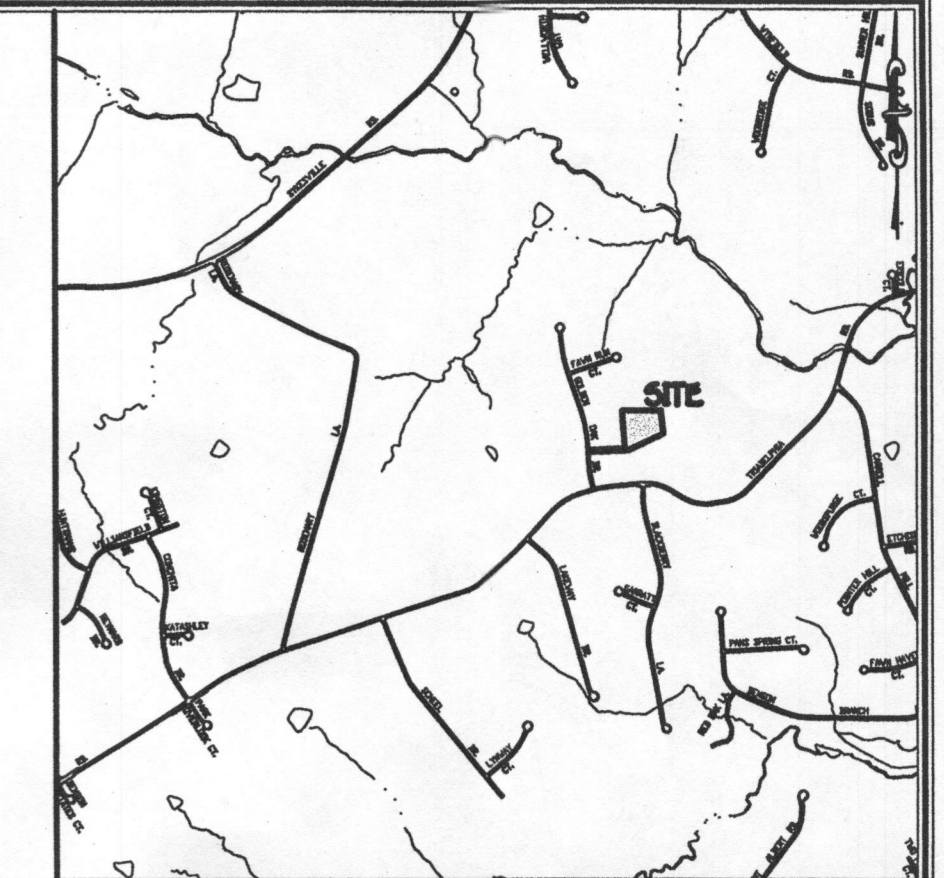
DATE	1/27/2013
SCALE	1/4" = 1'-0"
PROJECT	THE CORBETT POTTERY STUDIO
ARCHITECT	RONALD JOHNSTON AND ASSOCIATES, ARCHITECTS
ADDRESS	11407 BARLEY FIELD WAY, MARRIOTTSVILLE, MD 21104
PHONE	410-442-3667

SOILS LEGEND

SOIL	NAME	CLASS
GgB	Glenelg loam, 3 to 8 percent slopes	B
MAB	Manor loam, 3 to 8 percent slopes	B
MAC	Manor loam, 8 to 15 percent slopes	B
MAD	Manor loam, 15 to 25 percent slopes	B

LEGEND

SYMBOL	DESCRIPTION
---	EXISTING CONTOUR 2' INTERVAL
---	EXISTING CONTOUR 10' INTERVAL
---	PROPOSED CONTOUR 2' INTERVAL
---	PROPOSED CONTOUR 10' INTERVAL
+ 624	SPOT ELEVATION
-SF-5F-	SILT FENCE
-SSF-5SF-	SUPER SILT FENCE
FF	FIRST FLOOR ELEVATION
B5	BASEMENT ELEVATION
MCE	MINIMUM CELLAR ELEVATION
-X-X-	EXISTING FENCE
---	EXISTING TREE LINE
L.O.D.	LIMIT OF DISTURBANCE



VICINITY MAP
SCALE: 1" = 200'

GENERAL NOTES

- SUBJECT PROPERTY IS ZONED RR-DEO PER THE 10/06/2014 COMPREHENSIVE ZONING PLAN.
- TOTAL PROJECT AREA = 3.3313 AC. AREA OF PLAN SUBMISSION = 3.3313 AC. LIMIT OF DISTURBED AREA = 4,990 SQ.FT. EXISTING USE = RESIDENTIAL. PROPOSED USE = RESIDENTIAL (SINGLE FAMILY DETACHED). NUMBER OF PARKING SPACES REQUIRED = 0. NUMBER OF PARKING SPACES PROPOSED = 0. DEED REFERENCE: LIBER 4313, FOLIO 296. LOCATION: GOLDEN OAK DRIVE, ELLICOTT CITY, MARYLAND 21042. PREVIOUS DPT FILE NUMBERS: VP-01-98, VP-05-39, VP-06-66, F-01-26, F-05-28, F-07-66, S-07-27 & VP-07-93.
- THIS PROPERTY IS WITHIN THE METROPOLITAN DISTRICT.
- SOIL BOUNDARIES ARE BASED ON NRCS WEBSOIL SURVEY. BOUNDARY SHOWN HEREON IS BASED ON PLAT # 7738 AND ROTATED INTO NAD 83 DATUM.
- TOPOGRAPHY IS BASED ON A FIELD RUN TOPOGRAPHICAL SURVEY PERFORMED BY FISHER, COLLINS & CARTER, INC. DATED FEBRUARY, 2014 AND SUPPLEMENTED BY HOWARD COUNTY AERIAL TOPOGRAPHIC MAPS.
- THERE ARE NO FLOODPLAINS, WETLANDS, STREAMS, OR THEIR BUFFERS, STEEP SLOPES, HISTORIC STRUCTURES OR CEMETERIES ON THIS SITE.
- NO WETLANDS EXIST ON-SITE.
- THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITY COMPANIES OR AGENCIES AT LEAST FIVE (5) WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS.

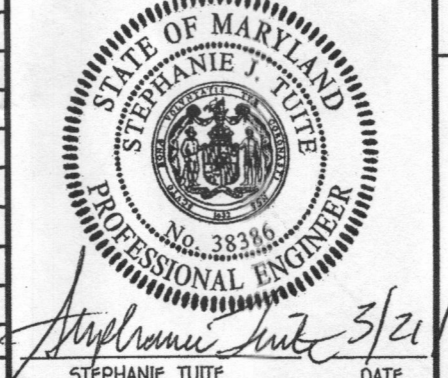
STATE HIGHWAY ADMINISTRATION	410.531.5533
BGE(CONTRACTOR SERVICES)	410.850.4620
BGE(UNDERGROUND DAMAGE CONTROL)	410.787.9068
MISS UTILITY	1.800.257.7777
COLONIAL PIPELINE COMPANY	410.795.1390
HOWARD COUNTY, DEPT. OF PUBLIC WORKS, BUREAU OF UTILITIES	410.313.4900
HOWARD COUNTY HEALTH DEPARTMENT	410.313.2640
AT&T	1.800.252.1133
VERIZON	1.800.743.0033/410.224.9210
- THE CONTRACTOR SHALL NOTIFY MISS UTILITY AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK BEING DONE.
- ANY DAMAGE TO PUBLIC RIGHT-OF-WAYS, PAVING OR EXISTING UTILITIES WILL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF ENGINEERING CONSTRUCTION INSPECTION DIVISION AT (410) 313-1800 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP, WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY IN ADDITION TO MSHA STANDARDS AND SPECIFICATIONS IF APPLICABLE.
- THE PROJECT IS IN CONFORMANCE WITH THE LATEST HOWARD COUNTY STANDARDS UNLESS WAIVERS HAVE BEEN APPROVED.
- EXISTING UTILITIES ARE LOCATED BY THE USE OF ANY OR ALL OF THE FOLLOWING: ROAD CONSTRUCTION PLANS, FIELD SURVEYS, PUBLIC WATER AND SEWER PLANS AND OTHER AVAILABLE RECORDED DRAWINGS. APPROXIMATE LOCATION OF THE EXISTING UTILITIES ARE SHOWN FOR THE CONTRACTOR'S INFORMATION. CONTRACTOR SHALL LOCATE EXISTING UTILITIES WELL IN ADVANCE OF CONSTRUCTION ACTIVITIES AND TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND TO MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED DUE TO THE CONTRACTOR'S OPERATION SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
- ESTIMATES OF EARTHWORK QUANTITIES ARE PROVIDED SOLELY FOR THE PURPOSE OF CALCULATING FEES.
- ALL TRAFFIC CONTROL DEVICES, MARKINGS AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL, WHICH IS BASED ON THE MARYLAND STATE PLANE COORDINATE SYSTEM. HOWARD COUNTY MONUMENTS NUMBERS 3242001 AND 3242002 WERE USED FOR THIS PROJECT.
- DRIVEWAY(S) SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT FOR ANY NEW DWELLINGS TO ENSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING REQUIREMENTS:
 - WIDTH - 12 FEET (16 FEET SERVING MORE THAN ONE RESIDENCE);
 - SURFACE - SIX (6") INCHES OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING (1-1/2" MINIMUM);
 - GEOMETRY - MAXIMUM 14% GRADE, MAXIMUM 10% GRADE CHANGE AND 45-FOOT TURNING RADIUS;
 - STRUCTURES (CULVERTS/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS (H2O-LOADING);
 - DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100 YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE;
 - MAINTENANCE - SUFFICIENT TO ENSURE ALL WEATHER USE.
- ALL DITCHES AND SWALES WILL HAVE EROSION CONTROL MATTING.
- STORMWATER MANAGEMENT (SWM) IS NOT REQUIRED FOR THIS PROJECT SINCE DISTURBANCE IS LESS THAN 5,000 SQUARE FEET.
- IN ACCORDANCE WITH SECTION 12B OF THE HOWARD COUNTY ZONING REGULATIONS, BAY WINDOWS, CHIMNEYS OR EXTERIOR STAIRWAYS NOT MORE THAN 16 FEET IN WIDTH MAY PROJECT NOT MORE THAN 4 FEET INTO ANY SETBACKS, PORCHES OR DECKS, OPEN OR ENCLOSED MAY PROJECT NOT MORE THAN 10 FEET INTO THE FRONT OR REAR YARD SETBACK.
- THIS PLAN COMPLIES WITH THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE FOR FOREST CONSERVATION BY EXECUTION OF A DECLARATION OF INTENT FOR CLEARING UNDER 20,000 SQUARE FEET OF FOREST.
- SITE WILL UTILIZE AN EXISTING CONCRETE ENTRANCE.
- SEWER HOUSE CONNECTION (SHC) TO BE AT 2.0% UNLESS OTHERWISE NOTED. CLEANOUTS ARE TO BE PROVIDED AT ALL BENDS. CONTRACTOR TO VERIFY LOCATION OF UNDERGROUND PROPANE SERVICE LINE AND CLEARANCE FOR INSTALLATION OF SHC TO EXISTING SEPTIC TANK.
- THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL. SINCE THIS IS AN EXISTING LOT, NO LANDSCAPING IS REQUIRED.
- 95% COMPACTION IN FILL AREAS SHALL BE IN ACCORDANCE WITH AASHTO T-180 STANDARDS.

ADDRESS CHART

LOT NUMBER	STREET ADDRESS
49	12612 GOLDEN OAK DRIVE

DESIGN BY: SJT
DRAWN BY: AF / SJT
CHECKED BY:

PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 36386, EXPIRATION DATE: 1/12/16.



DATE: 3/21/14
STEPHANIE TUTTLE

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CORPORAL SQUARE OFFICE PARK - 10722 BALDWIN NATIONAL PIKE
ELLICOTT CITY, MARYLAND 21042
(410) 461-2895

DATE	DESCRIPTION	REVISION BLOCK

OWNER
SCOTT & PATRICIA CORBETT
12612 GOLDEN OAK DRIVE
ELLICOTT CITY, MARYLAND 21042

BUILDER
PATRICK HAGAN
20 E. TIMONIUM ROAD
SUITE 209
TIMONIUM, MARYLAND 21093
410-561-1004

APPROVED: DEPARTMENT OF PLANNING AND ZONING

Director - Department of Planning and Zoning	Date
Chief, Division of Land Development	Date
Chief, Development Engineering Division	Date

SUBDIVISION	SECTION/AREA	LOT NO.
TRIADDELPHIA WOODS	1 / 1	49

PLAT NO.	BLOCK NO.	ZONE	TAX/ZONE	ELEC. DIST.	CENSUS TR.
7738	6	RR-DEO	22	THIRD	6030.00

GRADING & SEDIMENT CONTROL PLAN

TRIADDELPHIA WOODS, SECTION 1, AREA 1, LOT 49

12612 GOLDEN OAK DRIVE

TAX MAP No.: 22 PARCEL No.: 528 GRID No.: 6
ZONED: RR-DEO

THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1"=30' DATE: JANUARY, 2014
SHEET 1 OF 2

