



**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: 6-26-15

Permit No.: B15002919

Building Address: 13609 Mitchells Way  
 City: West Friendship State: MD Zip Code: 21794  
 Suite/Apt. #: \_\_\_\_\_ SDP/WP/BA #: \_\_\_\_\_  
 Census Tract: \_\_\_\_\_ Subdivision: Clarksfield  
 Section: II Area: \_\_\_\_\_ Lot: 8  
 Tax Map: 0015 Parcel: 0119 Grid: 0007  
 Zoning: \_\_\_\_\_ Map Coordinates: \_\_\_\_\_ Lot Size: 1.1200

Existing Use: vacant lot  
 Proposed Use: SFD  
 Estimated Construction Cost: \$ 350,000  
 Description of Work: Lexington w/ 3 car side load garage, full porch  
 Occupant or Tenant: N/A  
 Was tenant space previously occupied?  Yes  No  
 Contact Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_

Property Owner's Name: Spring Mill LLC  
 Address: P.O. Box 417, 8150 Balt Natl Pike  
 City: Ellicott City State: MD Zip Code: 21041  
 Phone: 410-442-4244 Fax: 410-750-1947  
 Email: \_\_\_\_\_

Applicant's Name & Mailing Address, (if other than stated herein)  
 Applicant's Name: Catonsville Homes, LLC  
 Address: 1175 Stratfield Court  
 City: Mannotsville State: MD Zip Code: 21104  
 Phone: 410-442-2211 Fax: 410-442-2215  
 Email: pwalter@catonsvillehomes.com

Contractor Company: Catonsville Homes, LLC  
 Contact Person: Frank Potepan  
 Address: 1175 Stratfield Court  
 City: Mannotsville State: MD Zip Code: 21104  
 License No.: 13853159 / Builder # 990  
 Phone: 410-442-2211 Fax: 410-442-2215  
 Email: pwalter@catonsvillehomes.com

Engineer/Architect Company: Plymouth Road Architects  
 Responsible Design Prof.: Lisa Wernich  
 Address: 640 Plymouth Road  
 City: Catonsville State: MD Zip Code: 21228  
 Phone: 410-788-0081 Fax: 410-788-1033  
 Email: lwernich@plymouthroadarchitects.com

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 <sup>st</sup> floor:	
	2 <sup>nd</sup> floor:	
Area of construction (sq. ft.):	Basement:	
	<input type="checkbox"/> Finished Basement	
Use group:	<input checked="" type="checkbox"/> Unfinished Basement w/ Rough in	
	<input type="checkbox"/> Crawl Space	
<b>Construction type:</b>	<input type="checkbox"/> Slab on Grade	
<input type="checkbox"/> Reinforced Concrete	No. of Bedrooms: <u>4</u>	
<input type="checkbox"/> Structural Steel	<u>Multi-family Dwelling</u>	
<input type="checkbox"/> Masonry	No. of efficiency units:	
<input type="checkbox"/> Wood Frame	No. of 1 BR units:	
<input type="checkbox"/> State Certified Modular	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:	
Roadside Tree Project Permit #	<input type="checkbox"/> State Certified Modular	
	<input type="checkbox"/> Manufactured Home	

Utilities	
<b>Water Supply</b>	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
<b>Sewage Disposal</b>	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Electric: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Gas: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Heating System</b>	
<input type="checkbox"/> Electric <input type="checkbox"/> Oil	
<input checked="" type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas	
<input type="checkbox"/> Other:	
<b>Sprinkler System:</b>	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Grading Permit Number:	<u>G15000221</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.

Applicant's Signature: [Signature]  
 Print Name: Frank E. Potepan, III  
 Email Address: fpotepan@catonsvillehomes.com  
 Title/Company: Member, Catonsville Homes, LLC

Date: 6/26/15  
**RECEIVED**  
 JUN 26 2015  
 LICENSES & PERMITS DIVISION

Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY  
 \*\*PLEASE WRITE NEATLY & LEGIBLY\*\*

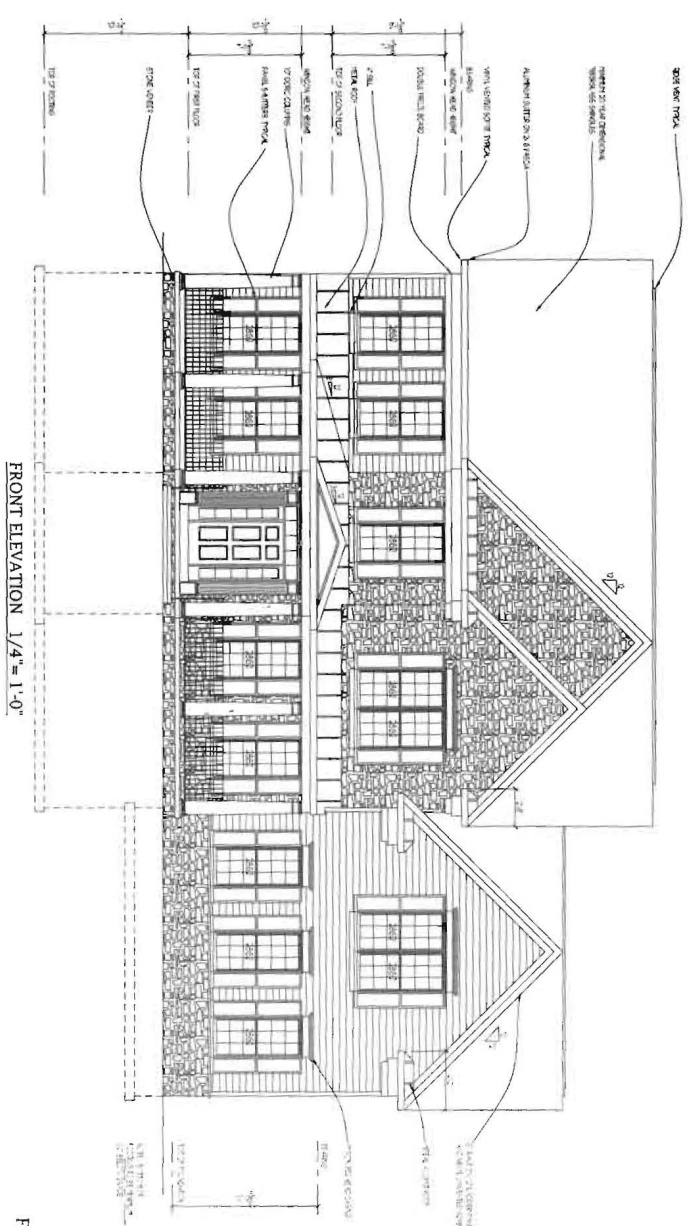
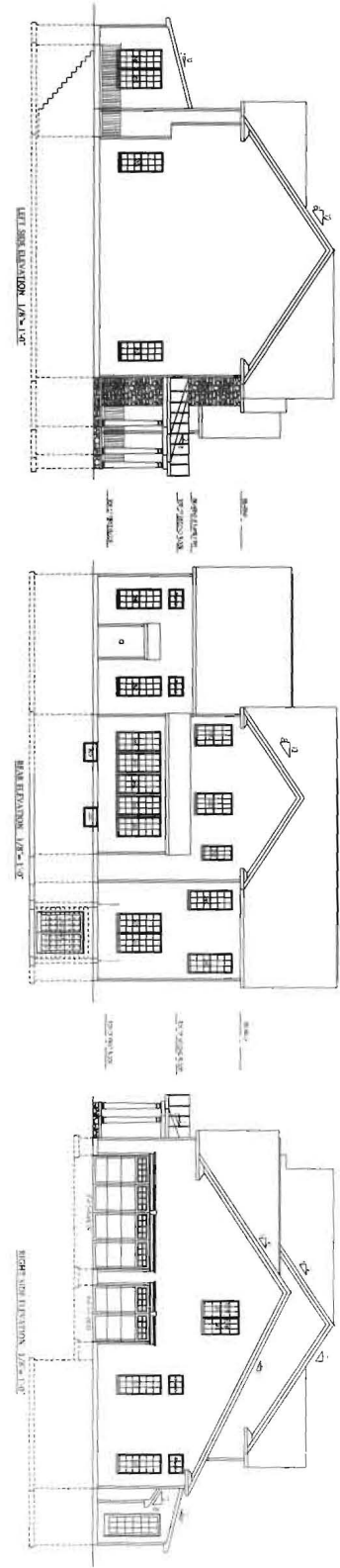
AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
Building Officials		
PSZA (Zoning)		
PSZA (Engineering)		
Health		

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>21743</u>

*A. Bloomer*



FRONT ELEVATION 1/4" = 1'-0"

FINAL SET 6/25/15

6/25/15 2:55 PM

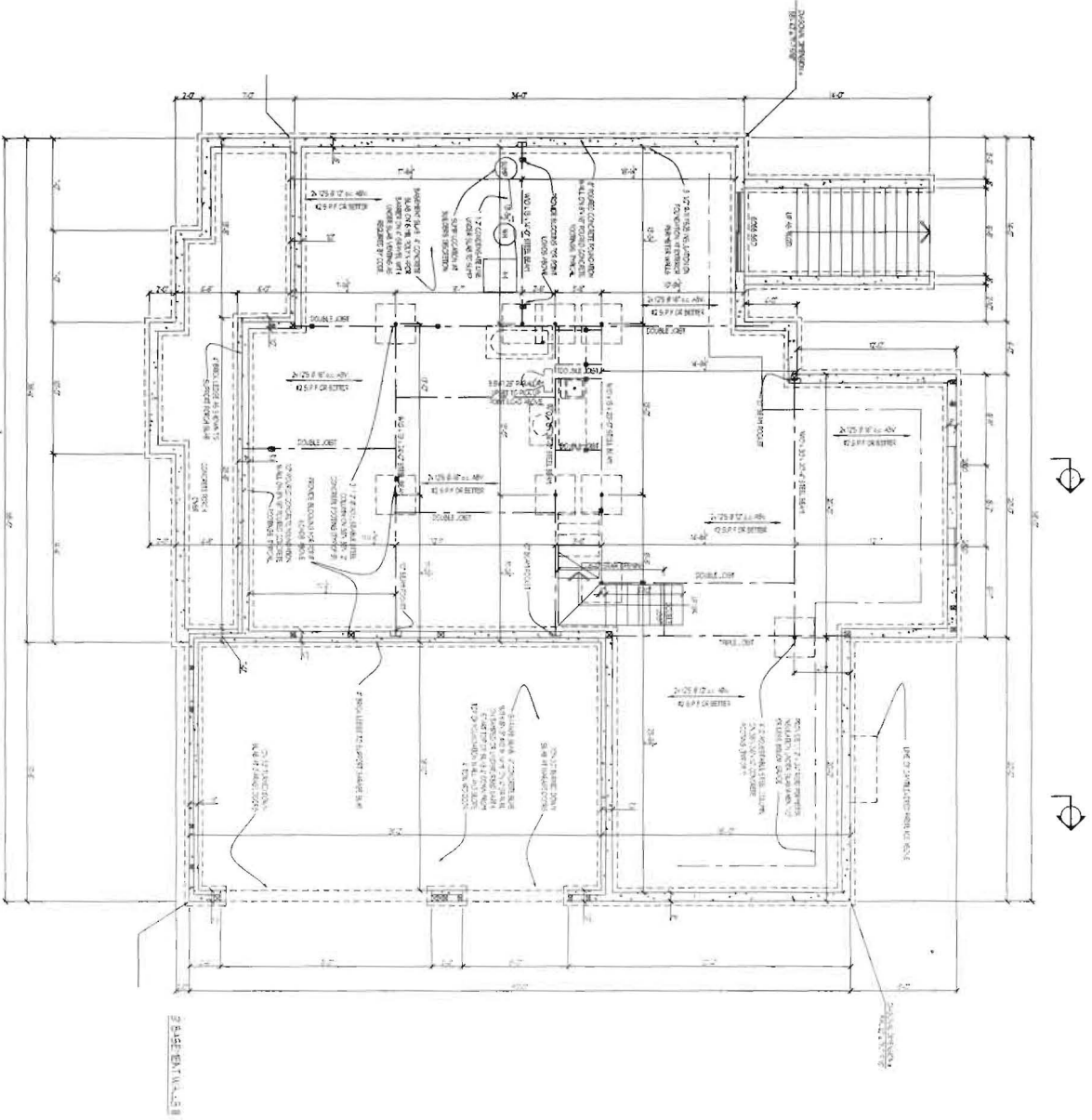
1

Project No.: C15.06  
 Date: 6/15  
 Scale: NOTED

Drawing: ELEVATIONS  
 Project: CATONVILLE HOMES  
 LEXINGTON  
 CLOVERFIELD II LOT 8

FL1 SQ.FT: 2490  
 FL2 SQ.FT: 1960  
 Notes:

**Plymouth Road Architects**  
 640 Plymouth Road, Baltimore, MD 21229. 410-788-0281  
 PlymouthRoadArchitects.com



FINAL SET 6.25.15

2

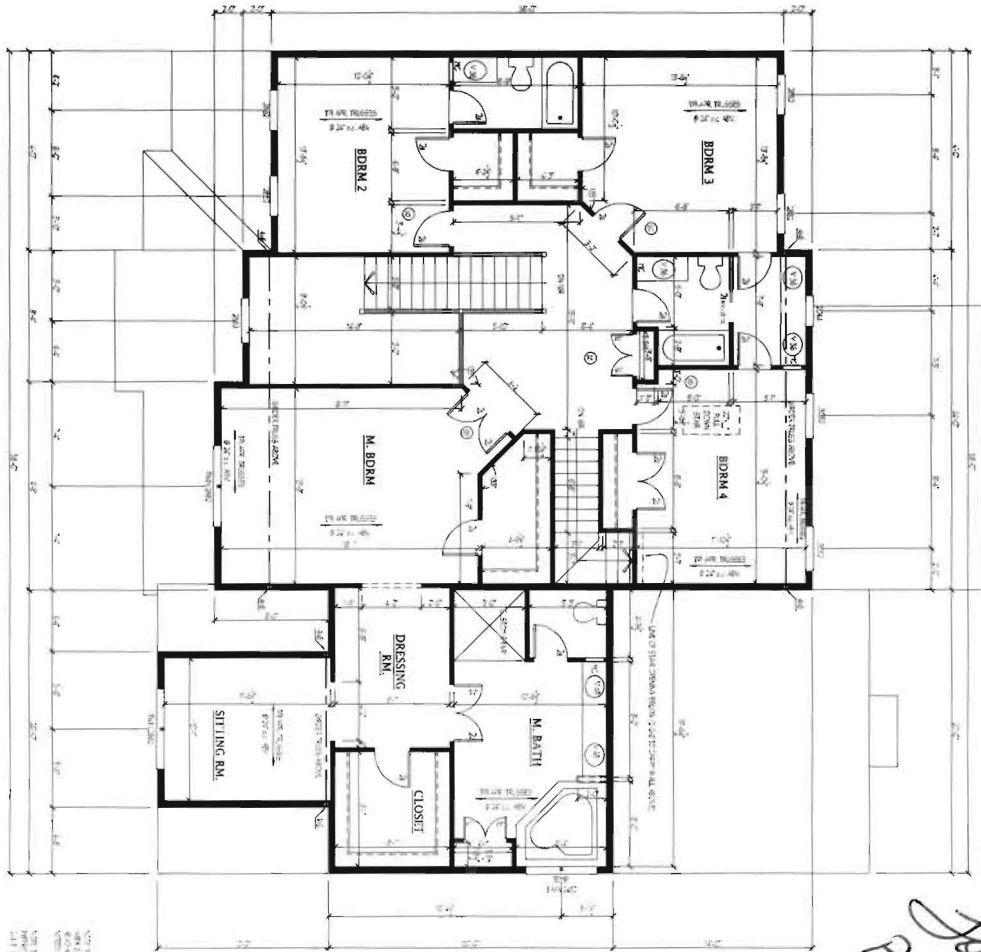
Project No.: C15.06  
 Date: 6/15  
 Scale: 1/4"=1'-0"

Drawing: BASEMENT/ FOUNDATION PLAN  
 Project: CATONSVILLE HOMES  
 LEXINGTON  
 CLOVERFIELD II LOT 8

Notes:

**Plymouth Road Architects**  
 640 Plymouth Road, Baltimore, MD 21229, 410-788-0281  
 PlymouthRoadArchitects.com





*Handwritten signature*

1. ALL WINDOW AND DOOR TREATMENTS TO BE COORDINATED WITH THE ARCHITECT AND MANUFACTURER.  
 2. ALL WINDOW AND DOOR TREATMENTS TO BE COORDINATED WITH THE ARCHITECT AND MANUFACTURER.  
 3. ALL WINDOW AND DOOR TREATMENTS TO BE COORDINATED WITH THE ARCHITECT AND MANUFACTURER.

FINAL SET 6.25.15

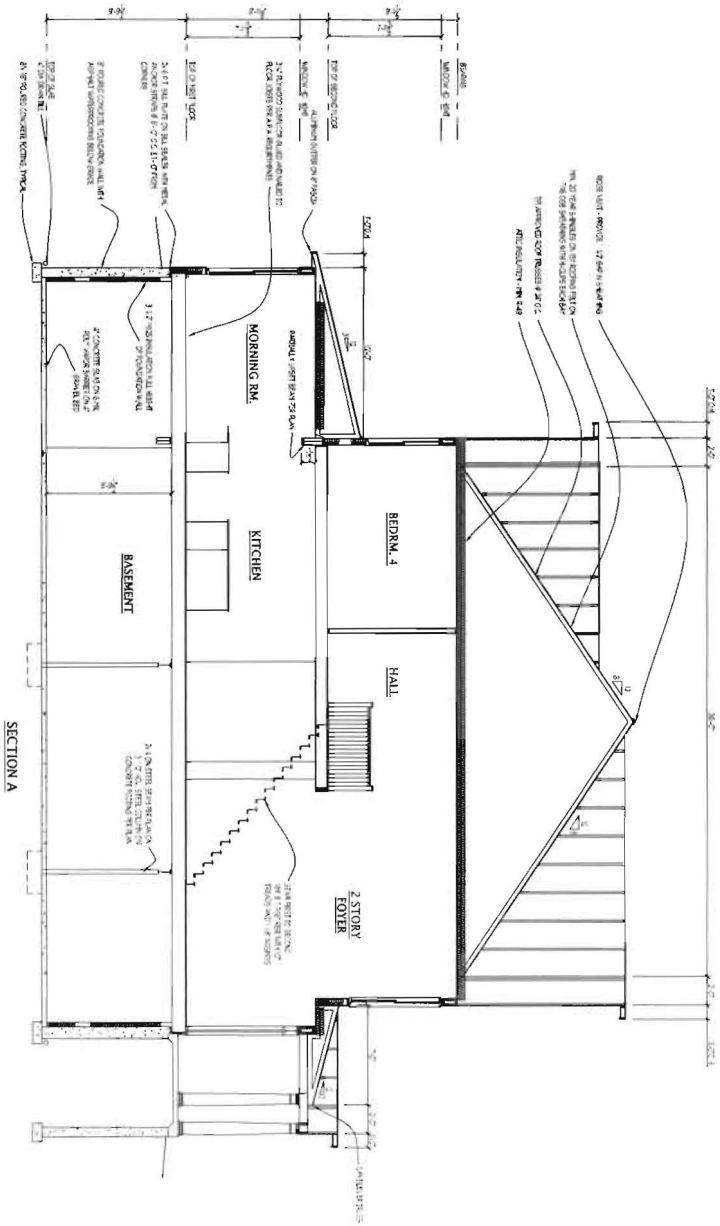
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Project No.: C15.06  
 Date: 6/15  
 Scale: 1/4" = 1'-0"

Drawing: SECOND FLOOR PLAN  
 Project: CATONVILLE HOMES  
 LEXINGTON  
 CLOVERFIELD II LOT 8

Notes:

**Plymouth Road Architects**  
 640 Plymouth Road, Baltimore, MD 21229, 410-788-0281  
 PlymouthRoadArchitects.com

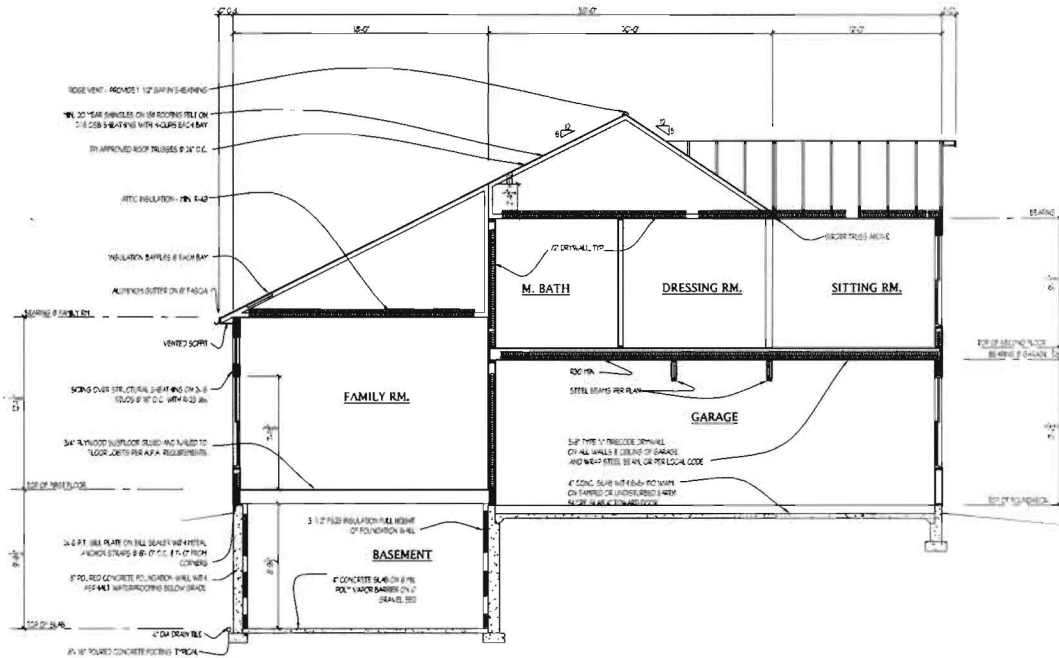


SECTION A

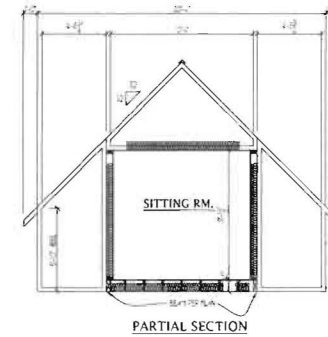
FINAL SET 6.25.15

5	Project No.: C15.06	Drawing: SECTION A	Notes:
	Date: 6/15	Project: CATONSVILLE HOMES LEXINGTON CLOVERFIELD II LOT 8	
	Scale: 1/4"=1'-0"		

**Plymouth Road Architects**  
 640 Plymouth Road, Baltimore, MD 21229 - 410-788-0281  
 PlymwoodRoadArchitects.com



SECTION B



PARTIAL SECTION

**Plymouth Road Architects**  
 640 Plymouth Road, Baltimore, MD 21229 - 410-788-0281  
 PlymouthRoadArchitects.com

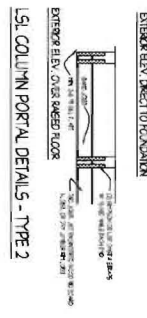
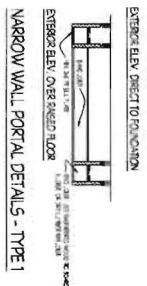
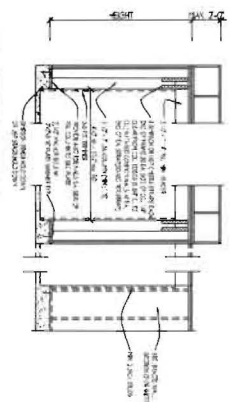
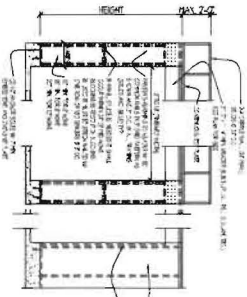
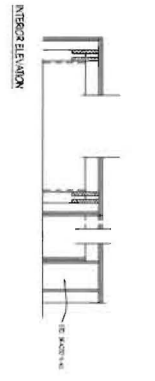
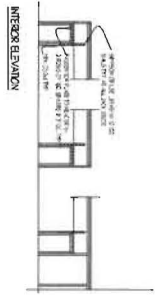
Notes:

Drawing: SECTION B  
 Project: CATONSVILLE HOMES  
 15000 WINDY HOLLOW  
 CLOVERHILD II LOT 8

Project No.: C15.06  
 Date: 6/15  
 Scale: 1/4" = 1'-0"

6

FINAL SET 6.25.15



NARROW WALL BRACING DETAILS, SCALE 1/4"=1'-0"

NARROW WALL PORTAL DETAILS - TYPE 1

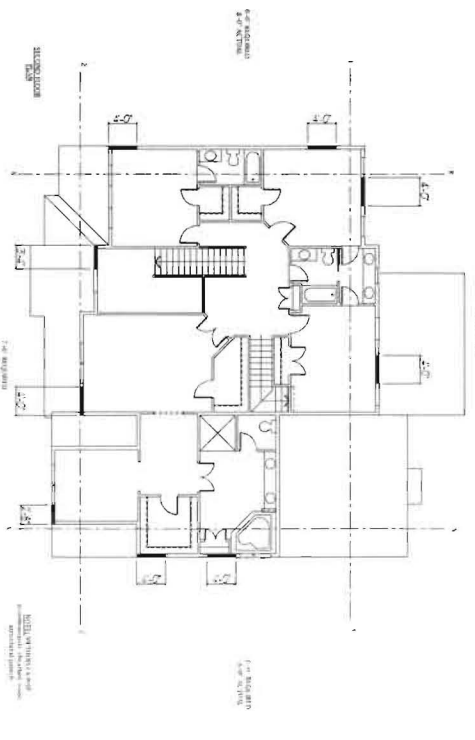
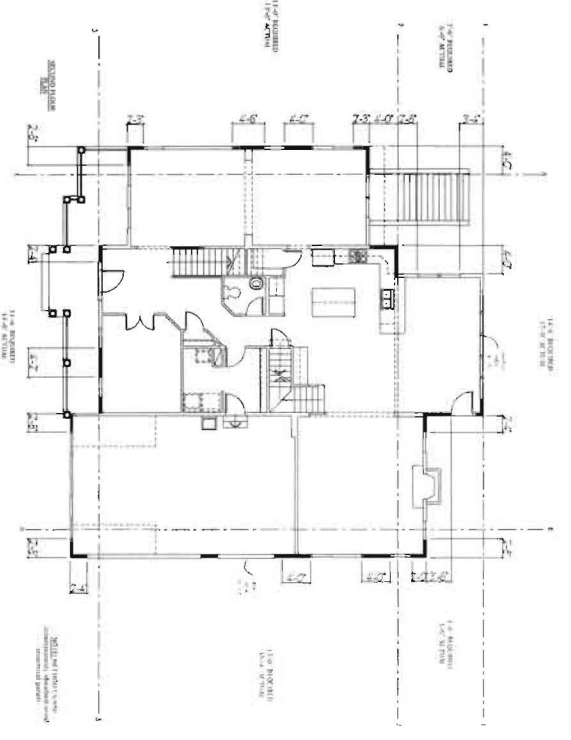
NARROW WALL PORTAL DETAILS - TYPE 2

LENGTH REQUIREMENTS FOR BRACED WALL PANELS IN A CONTINUOUSLY SHEATHED WALL

BRACED WALL PANEL LENGTH (ft)	MINIMUM BRACED WALL PANEL LENGTH (ft)	MINIMUM BRACED WALL PANEL LENGTH (ft)
48	36	36
36	36	36
24	24	24
12	12	12

NOTE: ALL BRACED WALL PANELS SHALL BE SHEATHED IN ACCORDANCE WITH THE DESIGN AND CONSTRUCTION DETAILS AND SHALL BE PROTECTED IN ACCORDANCE WITH THE DESIGN AND CONSTRUCTION DETAILS. THE BRACED WALL PANELS SHALL BE PROTECTED IN ACCORDANCE WITH THE DESIGN AND CONSTRUCTION DETAILS. THE BRACED WALL PANELS SHALL BE PROTECTED IN ACCORDANCE WITH THE DESIGN AND CONSTRUCTION DETAILS.

BRACED WALL PANEL LENGTH (ft)	MINIMUM BRACED WALL PANEL LENGTH (ft)	MINIMUM BRACED WALL PANEL LENGTH (ft)
48	36	36
36	36	36
24	24	24
12	12	12



FINAL SET 6/25/15

D1

Drawing: SHEATHING DETAILS  
 Project: CATONVILLE HOMES  
 LEXINGTON  
 CLOVERFIELD II LOT 8

Date: 6/15  
 Scale: 1/8" = 1'-0"  
 Drawn: TIM

DATE	REVISION	DATE	REVISION

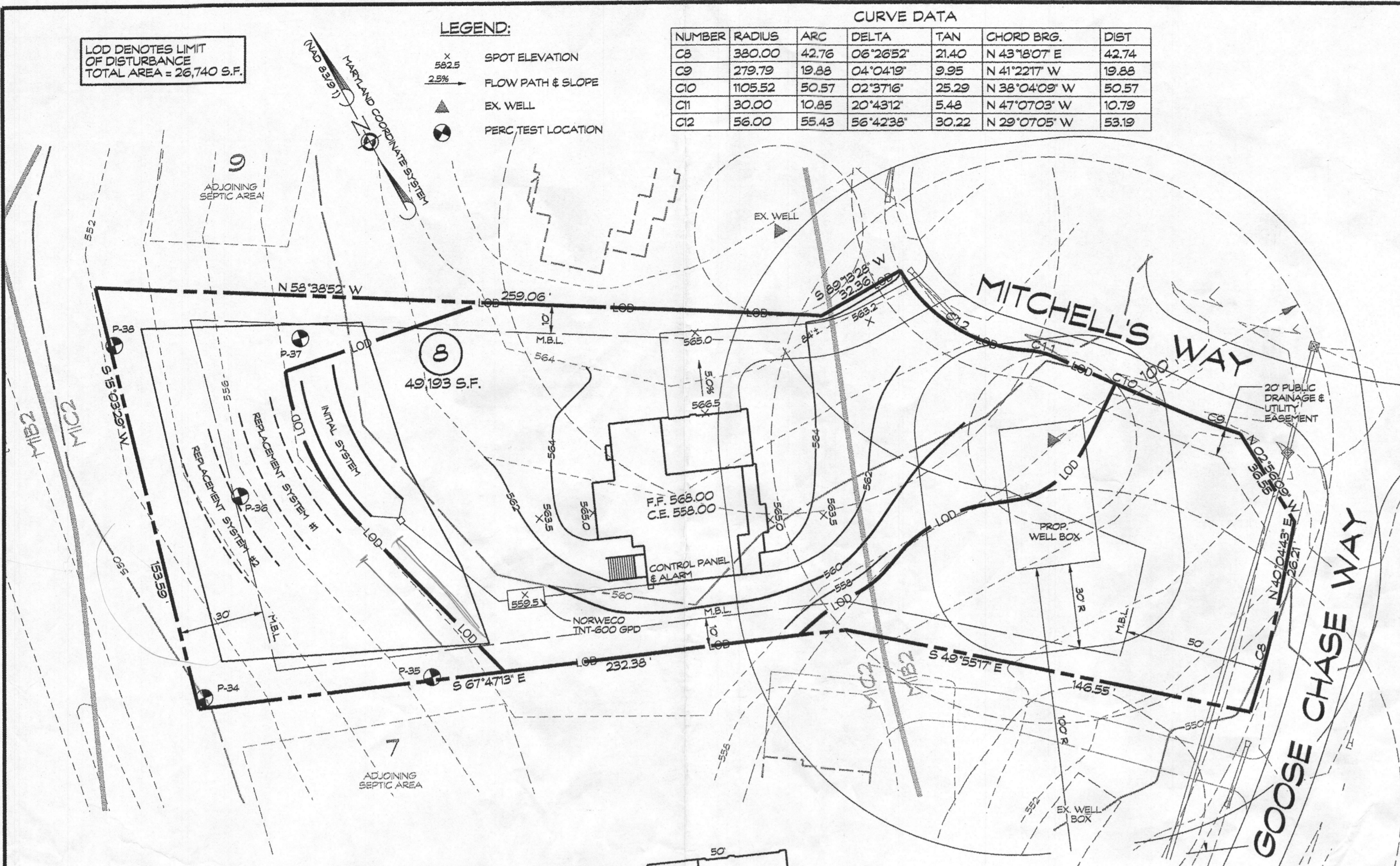
Plymouth Road Architects  
 640 Plymouth Road Baltimore, MD 21229  
 Phone: 410-788-0281 PlymouthRoadArchitects.com

LOD DENOTES LIMIT OF DISTURBANCE  
TOTAL AREA = 26,740 S.F.

**LEGEND:**  
 X 592.5 SPOT ELEVATION  
 2.5% FLOW PATH & SLOPE  
 ▲ EX. WELL  
 ● PERC. TEST LOCATION

**CURVE DATA**

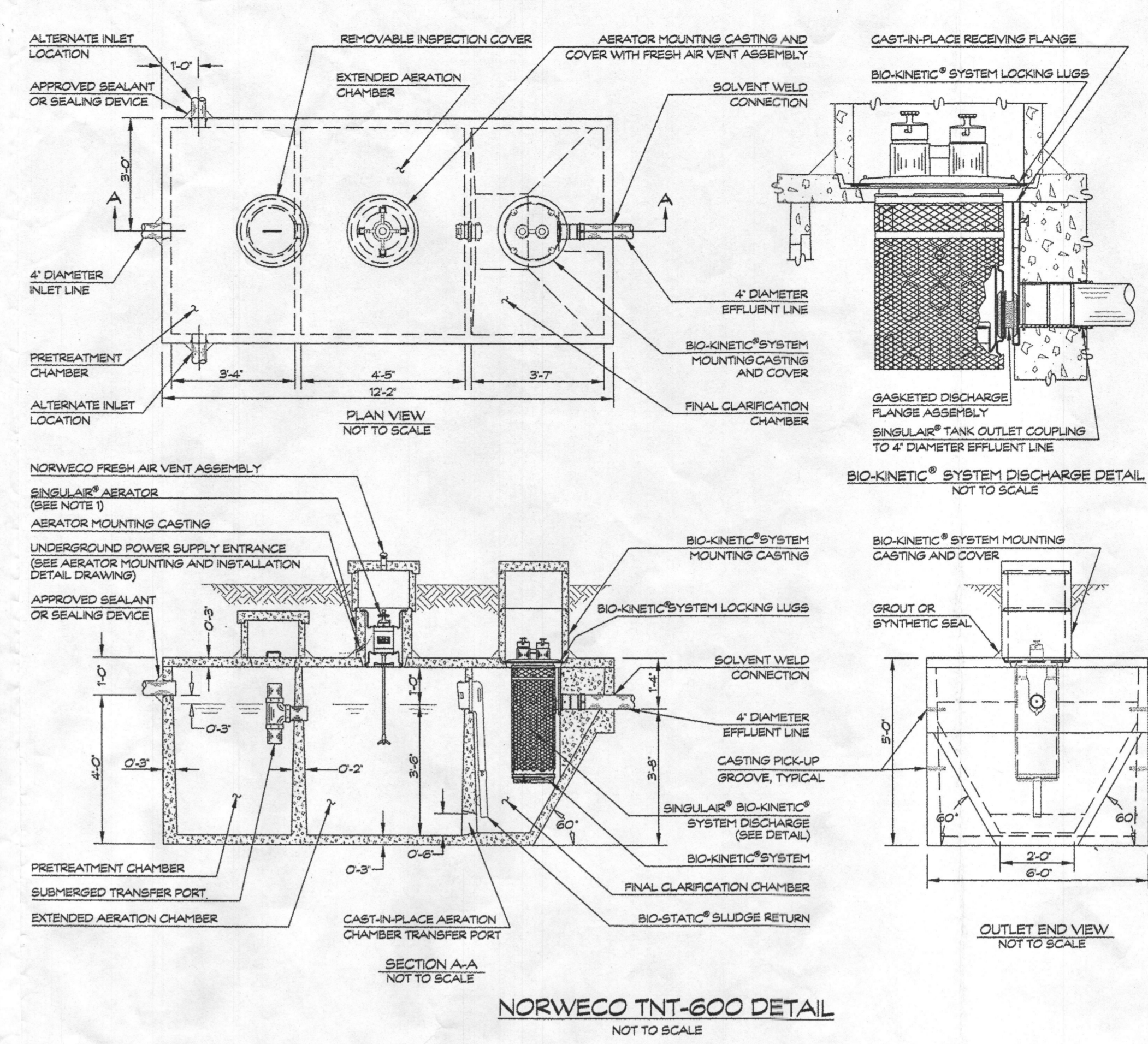
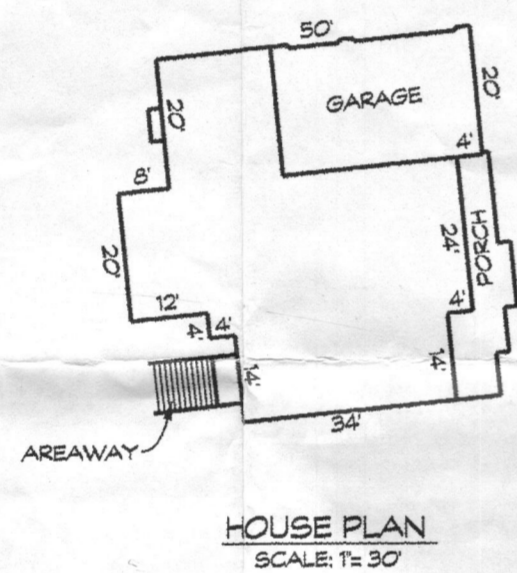
NUMBER	RADIUS	ARC	DELTA	TAN	CHORD BRG.	DIST
C8	380.00	42.76	06°28'52"	21.40	N 43°18'07" E	42.74
C9	279.79	19.88	04°04'18"	9.95	N 41°22'17" W	19.88
C10	1105.52	50.57	02°37'16"	25.29	N 38°04'09" W	50.57
C11	30.00	10.85	20°43'12"	5.48	N 47°07'03" W	10.79
C12	56.00	55.43	56°42'38"	30.22	N 29°07'05" W	53.19



**PLAN**  
SCALE: 1" = 30'

**TRENCH CHART**

TRENCH	EX. GROUND	INV. ELEV.	BOTTOM OF TRENCH
1	559.4	556.4	553.4
2	558.4	555.4	552.4



**NORWECO TNT-600 DETAIL**  
NOT TO SCALE

**NOTE:**  
SEPTIC DISPOSAL AREA AND PERCOLATION TEST LOCATIONS ARE FROM REVISED PERCOLATION CERTIFICATION PLAN DATED OCTOBER 2007 AND SIGNED BY HOWARD COUNTY HEALTH DEPARTMENT OCTOBER 5, 2007.

**GENERAL NOTES**

1. THE STORMWATER MANAGEMENT FOR THIS LOT IS PROVIDED OFF-SITE IN THE TWO MICROPOOL EXTENDED DETENTION FACILITIES AND GRASSED SWALES PER THE RECORDED PLAT NO. 20256.
2. THERE ARE NO STREAMS, PONDS, FLOODPLAINS, OR WETLANDS ON THIS LOT.
3. THERE ARE NO 20% OR GREATER SLOPES ON THIS LOT.
4. EXISTING WELL LOCATION IS FIELD LOCATED.

**SEPTIC SYSTEM TRENCH DESIGN:**

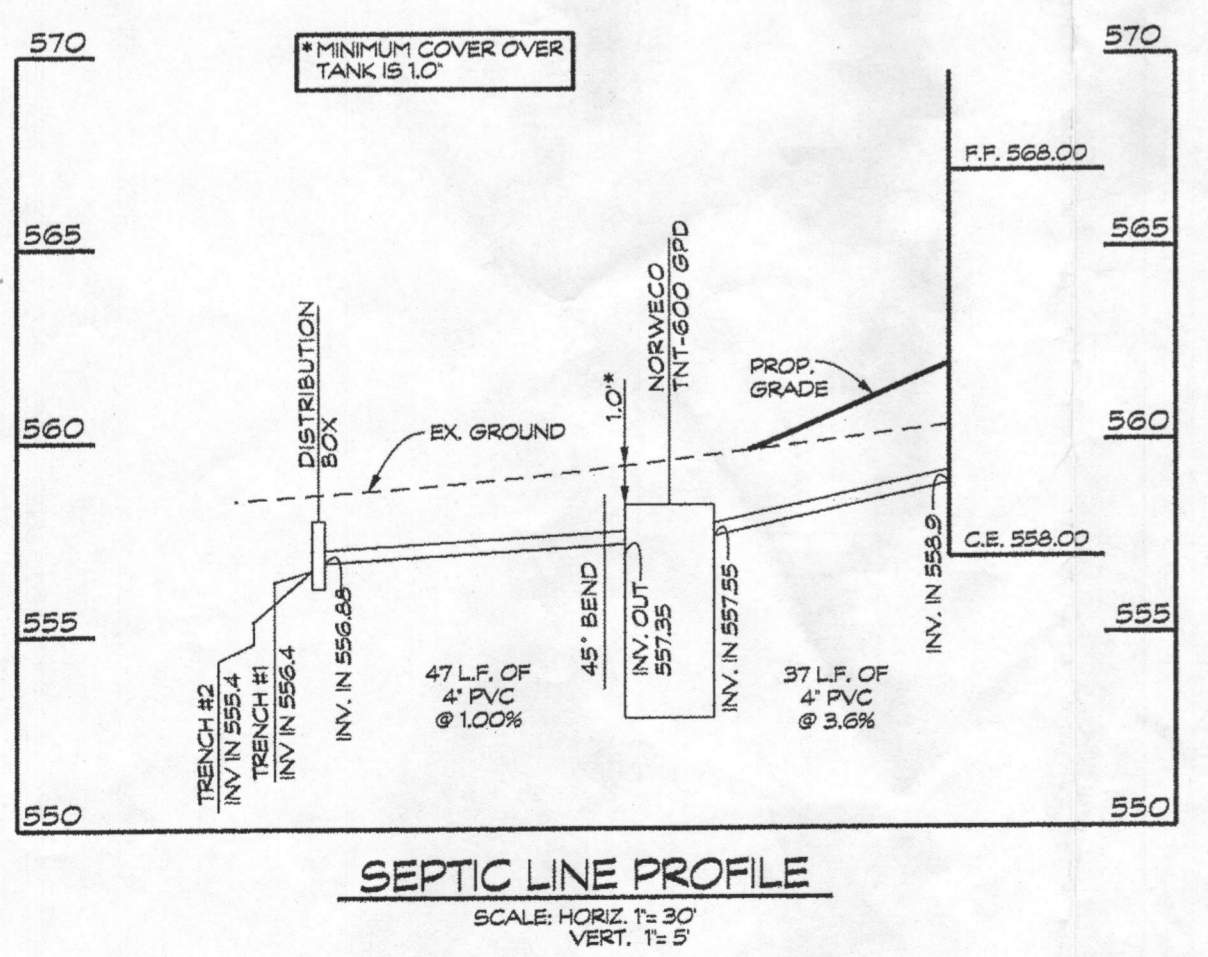
PROPOSED NUMBER OF BEDROOMS = 4  
 AVERAGE PERCOLATION TEST TIME = 3  
 APPLICATION RATE = 1.2  
 DESIGN FLOW: 150 GALS x 4 BEDROOM = 600 GAL/DAY  
 600 GAL/DAY / 1.2 GAL / DAY/SQ. FT. = 500 SQ. FT.  
 500 SQ. FT. / 2 FT. = 250 LF. OF TRENCH  
 250 LF. x 0.44 = 109.5 LF. OF TRENCH = 110 LF.  
 USE 2 - 55 LF. OF TRENCH FOR INITIAL SYSTEM  
 USE 2 - 55 LF. OF TRENCH FOR EACH REPLACEMENT SYSTEM

**SEPTIC TANK NOTES**

1. SINGULAR® AERATOR, AS TESTED AND ACCEPTED BY NSF, OPERATING 60 MINUTES ON / 60 MINUTES OFF.
2. FALL THROUGH SINGULAR® 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 SINGULAR® DISTRIBUTOR FOR ELECTRICAL REQUIREMENTS.

**BAT SITE PLAN NOTES**

1. ANY CHANGE TO THE LOCATIONS OR DEPTHS TO ANY COMPONENTS MUST BE APPROVED BY THE ENGINEER AND THE HOWARD COUNTY HEALTH DEPARTMENT PRIOR TO INSTALLATION. A REVISED SITE PLAN MAY BE REQUIRED.
2. THE MAXIMUM DEPTH OF THE BAT PER THE MANUFACTURER'S SPECIFICATION IS 3 FEET.
3. THE BAT SYSTEM SHALL BE MAINTAINED AND OPERATED FOR THE LIFE OF THE SYSTEM.
4. THE BAT SHALL BE OPERATED BY AND MAINTAINED BY A CERTIFIED SERVICE PROVIDER.
5. WITHIN ONE MONTH OF INSTALLATION, A PERSON INSTALLING THE BAT SYSTEM SHALL REPORT TO THE MARYLAND DEPARTMENT OF THE ENVIRONMENT (MDE) IN A MANNER ACCEPTABLE TO MDE, THE ADDRESS AND DATE OF COMPLETION OF THE BAT INSTALLATION AND THE TYPE OF BAT INSTALLED.
6. ELECTRICAL WORK FOR THE BAT INSTALLATION MUST BE PERFORMED BY A LICENSED ELECTRICIAN.
7. AN AGREEMENT AND EASEMENT MUST BE COMPLETED AND SIGNED BY ALL APPLICABLE PARTIES, AND RECORDED IN LAND RECORDS OR HOWARD COUNTY.
8. THE HEALTH DEPARTMENT REQUIRES DOCUMENTATION FOR THE START-UP CERTIFICATION FROM THE MANUFACTURER PRIOR TO FINAL APPROVAL OF THE INSTALLATION.
9. THE BLOWER MAY NOT BE LOCATED MORE THAN 100 FEET FROM THE TANK BASED ON MANUFACTURER'S SPECIFICATIONS.



Approved Septic System Plan  
 Howard County Health Department  
 Dana Bernad 7-29-15  
 Signature Date  
 B. 1500 2919

**OWNER/DEVELOPER**  
 SPRING HILL LLC  
 P.O. BOX 417  
 ELLICOTT CITY, MD 21041

**SITE PLAN AND PLOT PLAN FOR BAT INSTALLATION**  
 SPRING HILL LLC  
 13609 MITCHELLS WAY  
 TAX ACCOUNT NO.: 353451  
 LOT 8  
**CLOVERFIELD- SECTION II**  
 3RD ELECTION DISTRICT • HOWARD COUNTY, MD.  
 TAX MAP: 15 BLOCK: 7 PARCEL: 119

*Linda D. Alexander*  
 6-23-15  
 Linda D. Alexander  
 Qualified Professional

**CLSI**  
 Engineers • Surveyors  
 Land Planning & Environmental Consultants  
 www.clsi-civileng.com  
 439 East Main Street Westminster, MD 21157-5539  
 (410) 848-1790 FAX (410) 848-1791

Date	Revisions	Drawn By: BM
6/23/15	REVISED HOUSE LOCATION	Designed By: LDA
		Reviewed By: LDA
		Date: 6/12/15
		Scale: 1" = 30'
		Job No.: 2013039
		Sheet: 1 OF 1



B15002919

439 East Main Street  
Westminster, MD 21157-5539



(410) 848-1790 • (301) 662-1799  
FAX (410) 848-1791

**Transmit To:**

Bureau of Environmental Health  
Howard County Health Department  
8930 Stanford Boulevard  
Columbia, MD 21046

# B

**Project Info:**

CLOVERFIELD II  
West Friendship, Maryland

**Project No: 2013039**

**Date: Jun 23, 2015**

**We are Transmitting:**

- |   |  |   |  |   |                          |
|---|--|---|--|---|--------------------------|
| <input checked="" type="checkbox"/> Here with | <input type="checkbox"/> Originals         | <input type="checkbox"/> Computer Media     | <input type="checkbox"/> Shop Drawings | <input type="checkbox"/> Via Messenger  | <input type="checkbox"/> |
| <input type="checkbox"/> Our                  | <input checked="" type="checkbox"/> Prints | <input type="checkbox"/> Project Manuals    | <input type="checkbox"/> Payment Cert. | <input type="checkbox"/> Express Mail   | <input type="checkbox"/> |
| <input type="checkbox"/> Your                 | <input type="checkbox"/> Copies            | <input type="checkbox"/> Product Literature | <input type="checkbox"/> Change Order  | <input type="checkbox"/> 1st Class Mail | <input type="checkbox"/> |

Sets	Type	Dwg No	Dated	Description
2	D Size Bond Copies	2013039	06/12/15	Site Plan & Plot Plan for Bat Installation, Lot 8 Cloverfield
1	O+M Agreement			
1	Reduced floorplan			

- |                                       |  |                                      |                                       |                          |
|---------------------------------------|--|--------------------------------------|---------------------------------------|--------------------------|
| <input type="checkbox"/> As Requested | <input type="checkbox"/> For Your Use    | <input type="checkbox"/> For Filing  | <input type="checkbox"/> For Approval | <input type="checkbox"/> |
| <input type="checkbox"/> As Required  | <input type="checkbox"/> For Your Review | <input type="checkbox"/> For Bidding | <input type="checkbox"/> As Discussed | <input type="checkbox"/> |

**Remarks:**

(Delivery by Catonsville Homes)

If enclosures are not as noted,  
please notify us immediately.

Copy To

Linda D. Alexander