



HEALTH

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: 5/23/16

Permit No.: B16002265

Building Address: 5004 Bee Frances Way
 City: Clarksville State: MD Zip Code: 21029
 Suite/Apt. #: _____ SDP/WP/BA #: GP 15-081
 Census Tract: _____ Subdivision: Greenberry
 Section: _____ Area: _____ Lot: 1
 Tax Map: _____ Parcel: _____ Grid: _____
 Zoning: _____ Map Coordinates: _____ Lot Size: _____

Existing Use: Vacant lot
 Proposed Use: Single family house
 Estimated Construction Cost: \$ 330,000
 Description of Work: New 2 story "Empress II" with 2 car garage, morning room, and finished lower level
 Occupant or Tenant: _____
 Was tenant space previously occupied? Yes No
 Contact Name: _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone: _____ Fax: _____
 Email: _____

Property Owner's Name: NVR Inc
 Address: 9720 Patuxent Woods Drive
 City: Columbia State: MD Zip Code: 21046
 Phone: 410-379-5956 Fax: _____
 Email: _____

Applicant's Name & Mailing Address, (If other than stated herein)
 Applicant's Name: Jim Kerwin
 Address: PO Box 552
 City: Woodbury State: MD Zip Code: 21797
 Phone: 443-309-7792 Fax: _____
 Email: Jim@DecaturBuildingServices.com

Contractor Company: NV Homes
 Contact Person: Ryan Johnson Taylor Paris
 Address: 9720 Patuxent Woods Drive
 City: Columbia State: MD Zip Code: 21046
 License No.: 56
 Phone: 410-379-5956 Fax: _____
 Email: _____

Engineer/Architect Company: _____
 Responsible Design Prof.: _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone: _____ Fax: _____
 Email: _____

RECEIVED
MAY 28 2016
LICENSES & PERMITS
DIVISION

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 checked="" 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: <u>4</u>	
<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	
Water Supply	
<input checked="" type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Sewage Disposal	
<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
Heating System	
<input checked="" 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 checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Grading Permit Number: <u>G15000287</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 COMP 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 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.

Jim Kerwin
 Applicant's Signature
Jim@DecaturBuildingServices.com
 Email Address
AGENT
 Title/Company

Jim Kerwin
 Print Name
5/23/2016
 Date

Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY
 PLEASE WRITE NEATLY & LEGIBLY
 -FOR OFFICE USE ONLY-

AGENCY	DATE	SIGNATURE OF APPROVAL
<input checked="" type="checkbox"/> State Highways		
<input checked="" type="checkbox"/> Building Officials		
<input checked="" type="checkbox"/> PSZA (Zoning)		
<input checked="" type="checkbox"/> PSZA (Engineering)		
<input checked="" type="checkbox"/> Health	<u>6/2/2016</u>	<u>R. B. Baker</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>100.00</u>
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$ <u>50.00</u>
Add'l per Fee	\$
Total Fees	\$
Sub-Total Paid	\$
Balance Due	\$
Check	# <u>926110</u>

Name: Jim Kerwin

DULP 2016 AUG 9 AM 11:47

Street Address: PO Box 552

City, State, Zip: Woodbine MD 21797

Date: 8/9/2016

Amendment, Permit # B16 00 2265

Ms. Debbie Whalen
Division of Plan Review
Department of Inspections, Licenses and Permits
Howard County Government
3430 Court House Dr
Ellicott City, MD 21043

Dear Ms. Whalen:

I am requesting to amend Permit # B16 00 2265 at

5004 Bee Frances way Clarksville MD 21029 to
change the house type from an Empress II to a
Chapel Hill II with ELV's, 2 car garage, 1 car side attached
garage, morning room, 4' ext to family room, sitting area with
covered porch and finished lower level.

Enclosed:

Fee: \$50.00 CHK: 8/9/16

Plot Plans

Sets of Construction Drawings

Other: _____

If there is anything we can do to assist you, please let me know.

Sincerely,

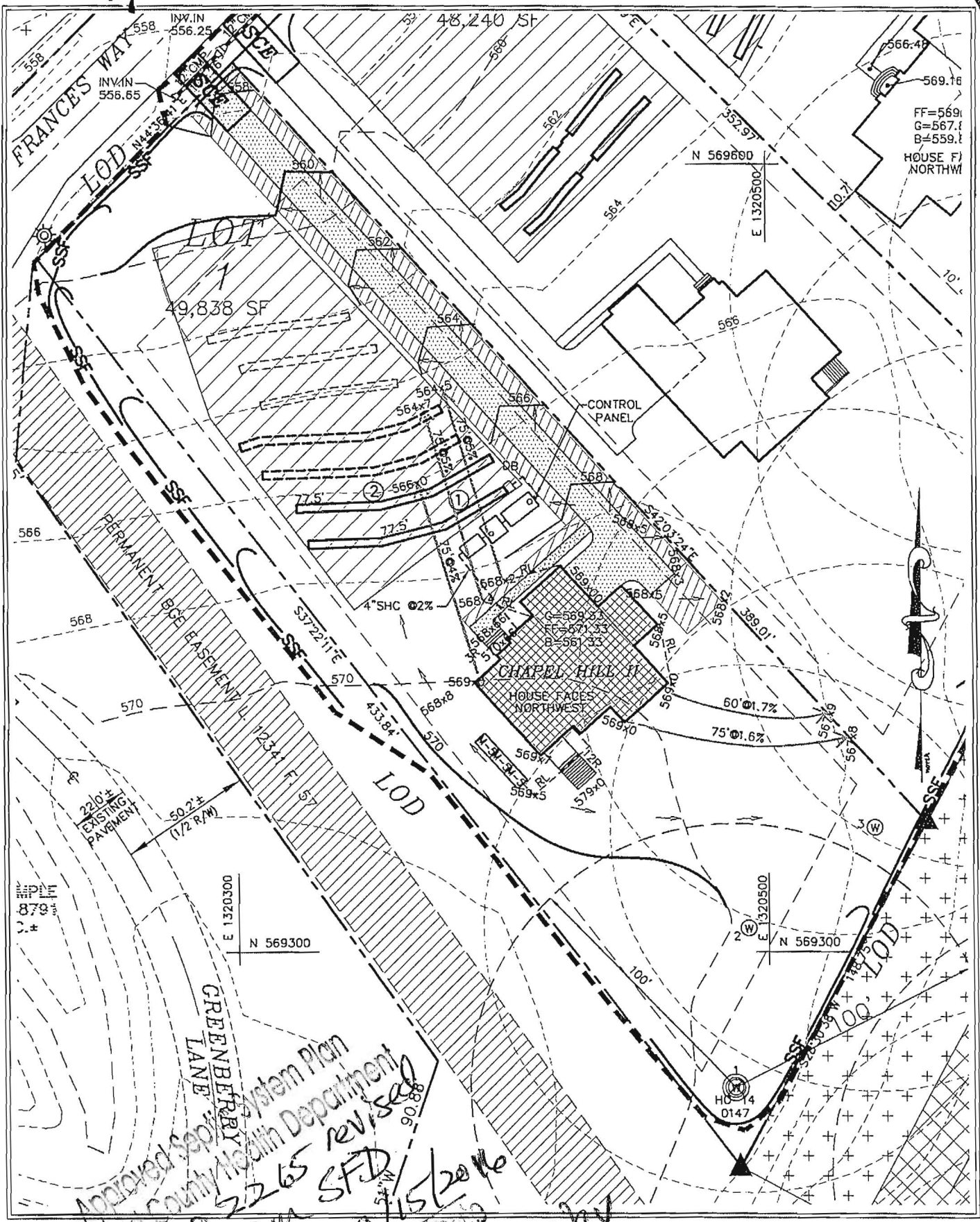
CC: DPZ
DED
SHA
Health Dept.

Name: Jim Kerwin

Title: AGENT NV Homes

Phone: 443-309-7797

Email: Jim@DecaturBuildingServices.com



Approved Sep 2015 System Plan
 Howard County Health Department
 6-Bed room SFD revised
 RB [signature]
 5004 Bee Frances way
 8/15/2016



CHapel Hill II
 ELEVATION C

REVISED
 Date: 8/9/16
 Comments: B16-2265
 House Type Change

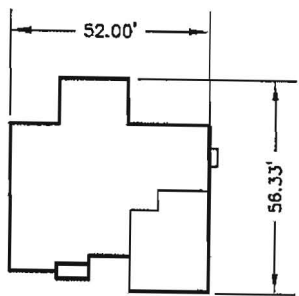
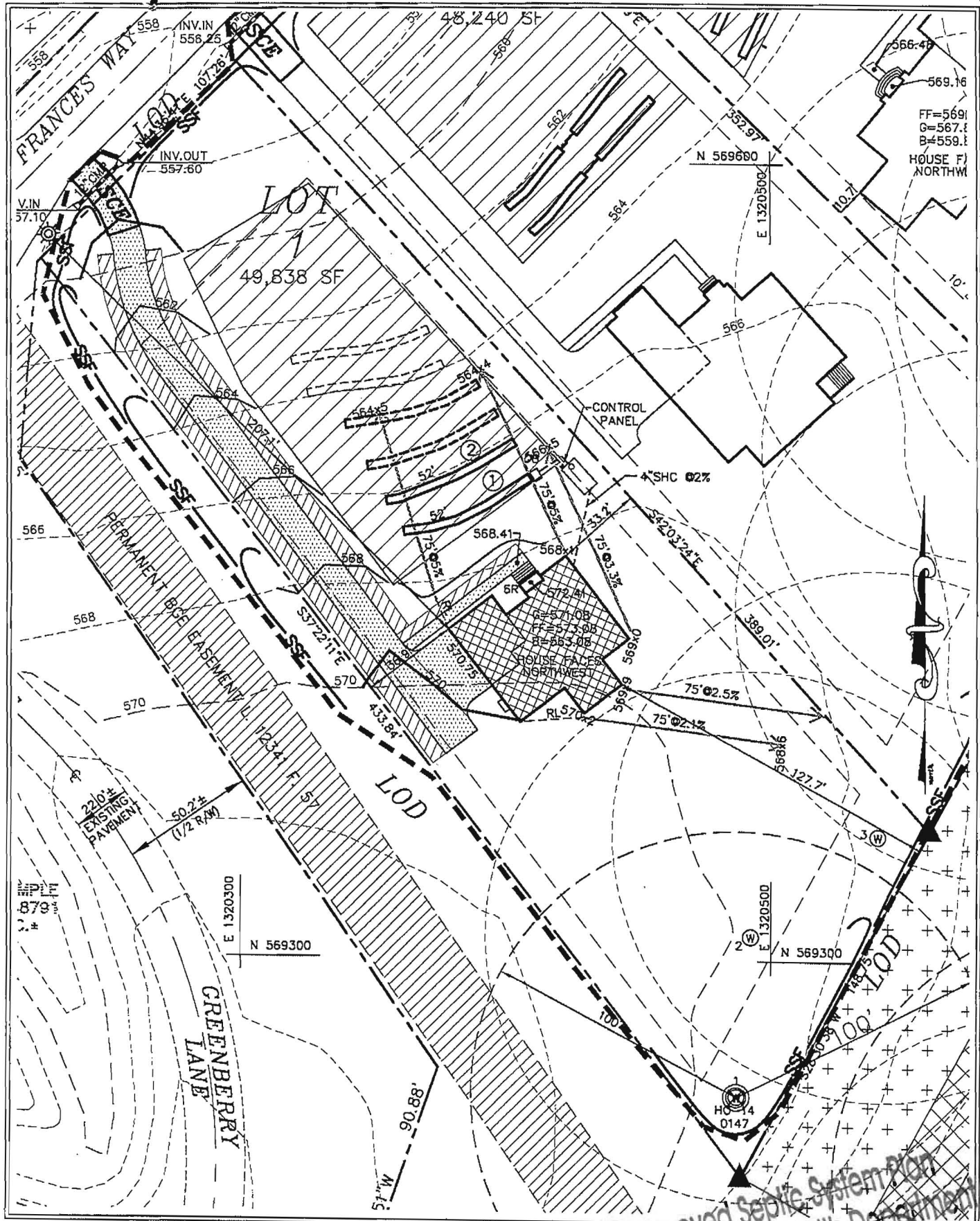
PLOT PLAN (SITE SPECIFIC)
 GREENBERRY
 LOT 1

FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

SCALE: 1"=50' DRAWN BY: MMM DATE: AUG. 2016 PN:15-005

MILDENBERG BOENDER, & ASSOC., INC.
 Engineers Planners Surveyors
 7350-B Grace Drive, Columbia, Maryland 21044
 (410) 997-0296 Balt. (410) 997-0298 Fax.

P:\2004\15-005\DWG\BAT.DWG



EMPRESS II
ELEVATION D

Approved Septic System Plan
 Howard County Health Department
 4-Bed room SFD
 approved as shown
 RB/600/2265
 Signature
 5004 Beech Drive
 Frances Way
 REV 8/15/2016

PLOT PLAN (SITE SPECIFIC)
 GREENBERRY
 LOT 1

FIFTH ELECTION DISTRICT

HOWARD COUNTY, MARYLAND

SCALE: 1"=50'

DRAWN BY: MMM

DATE: MAY 2016

PN:15-005

**MILDENBERG
 BOENDER, & ASSOC., INC.**

Engineers Planners Surveyors
 7350-B Grace Drive, Columbia, Maryland 21044
 (410) 897-0296 Balt. (410) 897-0298 Fax.

SOILS TABLE (WITHIN LOD)

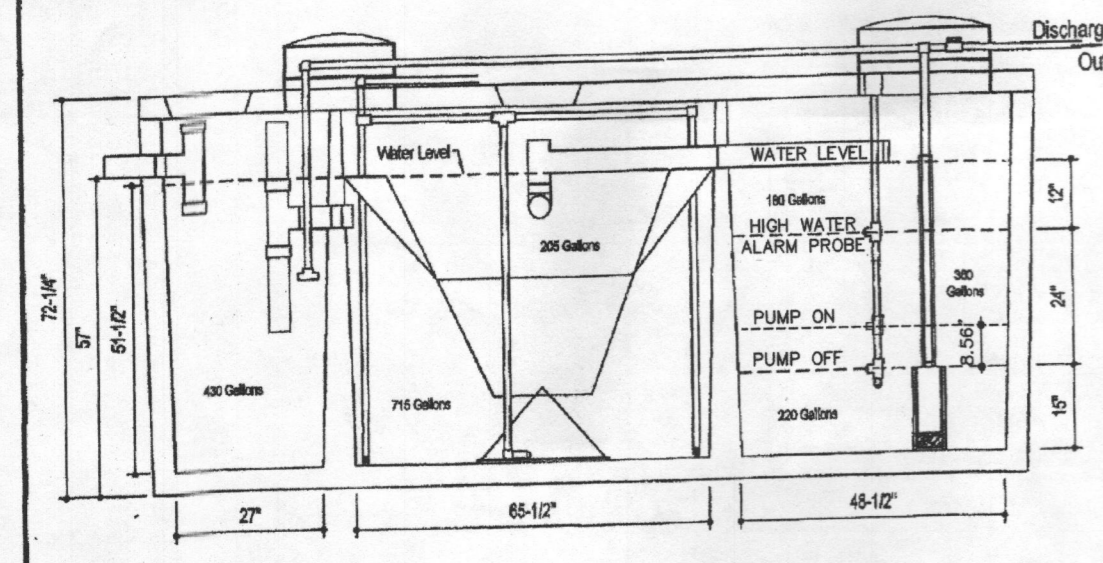
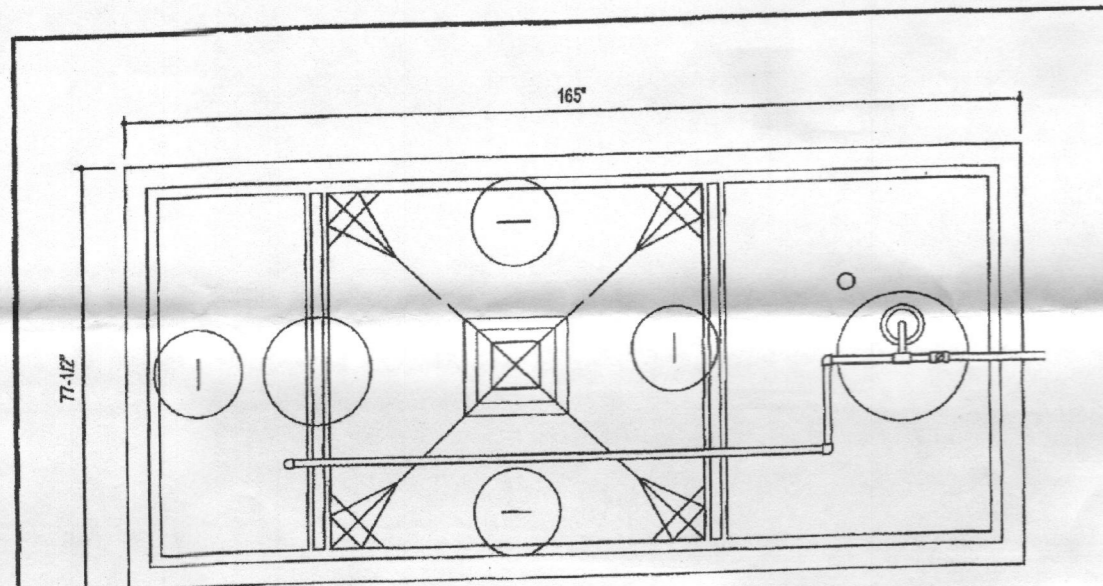
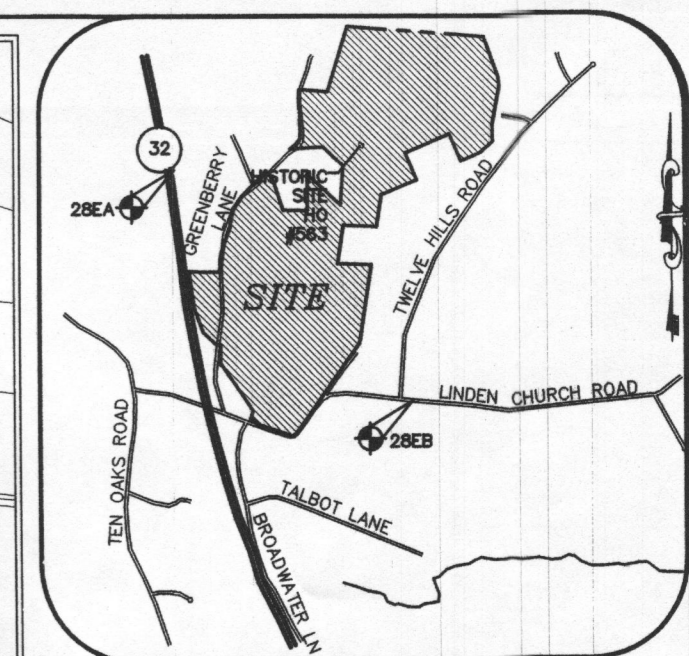
SYMBOL	RATING	NAME	K FACTOR
GgB	(B)	GLENELG LOAM, 3-8% SLOPES.	.20

PRIMARY TRENCH DATA

TRENCH	EX. GROUND ELEVATION	INVERT ELEVATION	BOTTOM OF TRENCH EL.
1	566.90	563.90	561.90
2	566.10	553.10	561.10

SEPTIC TRENCH SIZING

SYSTEM	APPLICATION RATE (GPD / SF)	MAXIMUM FLOW RATE (GPD)	AREA OF REQUIRED TRENCH (SF)	TRENCH WIDTH (FT)	LENGTH OF TRENCH (LF)	EFFECTIVE DEPTH BEGINS (FT)	TRENCH BOTTOM DEPTH (FT)	TRENCH REDUCTION FACTOR**	ADJUSTED LENGTH OF REQUIRED TRENCH (LF)	MINIMUM TRENCH SPACING (FT)	NUMBER OF TRENCHES	PROVIDED TRENCH LENGTH (FT)
PRIMARY	1.2	600	500	3	166.7	3.0	5.0	0.62	103.3	10.0'	2	52
SECONDARY	1.2	600	500	3	166.7	4.0	6.0	0.62	103.3	10.0'	2	52
TERTIARY	1.2	600	500	3	166.7	3.5	5.5	0.62	103.3	10.0'	2	52



DESIGN DATA & GENERAL NOTES

- 1) Concrete strength = 4000 p.s.i. @ 28 days. Density = 150 pcf.
- 2) Concrete Reinforcing Steel per ASTM C-616.
- 3) Reinforcing Steel per ASTM C-616 & C-614.
- 4) Reinforcing per ASTM A-618, Min. 1/4" cover.

Mayer Brothers, Inc.
 6500 River Road
 Middleburg Heights, OH 44130
 Tel: 440.786.6444
 Fax: 440.786.1444
 www.mayerbrothers.com

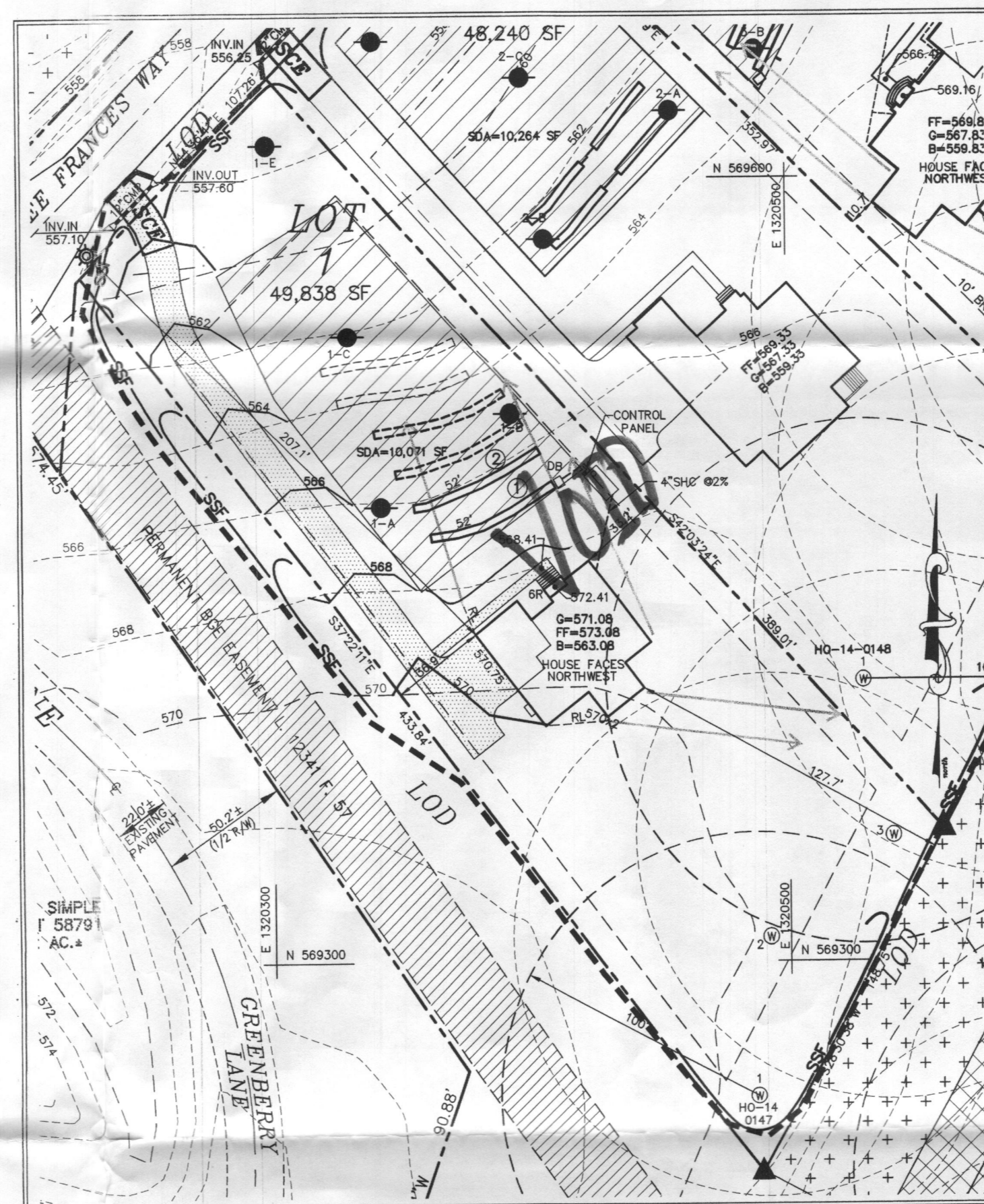
**600 GPD BNR SYSTEM
 H-600 BNR**
 with 760 GALLON PUMP CHAMBER

Drawn: No. Hood Form #1 No Scale March 13, 2009

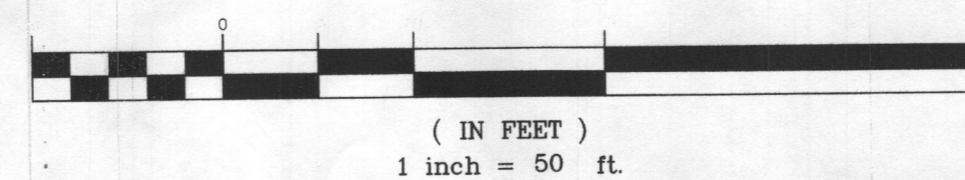
BAT SYSTEM ELEVATIONS

DESCRIPTION	VALUE
FINISHED GRADE AT SEPTIC TANK	567.30
INVERT INTO TANK	564.50
EXTERIOR BOTTOM OF TANK	559.73
INTERIOR BOTTOM OF TANK	560.06
PUMP OFF	561.31
PUMP ON	562.02
HIGH WATER ALARM	563.31
WATER LEVEL	564.31
INVERT OUT OF TANK	566.02
TOTAL HEAD	6.25'
DOSED RATE	50 GPM
PUMP RUNTIME	2.0 MIN.

NOTE:
 BASEMENT WILL NOT SEWER BY GRAVITY



GRAPHIC SCALE



GENERAL NOTES:

1. THE SUBJECT PROPERTY IS ZONED RR-DEO PER THE OCTOBER 6, 2013 COMPREHENSIVE ZONING PLAN.
2. **PARCEL BACKGROUND:**
 TAX MAP: 28
 GRID: 9
 PARCEL: 48
 LOT: 1
 DEED REFERENCE: LIBER 5891 FOLIO 307
 ELECTION DISTRICT: FIFTH
 ZONING: RR-DEO
 AREA: 49,838 S.F.
 DPZ FILES: ECP-13-025, SP-13-010, F-14-095, GP-15-081
3. 2' TOPOGRAPHY FOR THE DEVELOPED AREA IS BASED ON AERIAL SURVEY FLOWN BY WINGS TOPOGRAPHY INC. ON OR ABOUT MARCH 2007.
4. PRIVATE WELL AND SEPTIC WILL BE UTILIZED.
5. SOILS DATA BASED ON THE USDA SOIL SURVEY OF HOWARD COUNTY, MD, DATED MAY, 2008.
6. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS EASEMENT 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 SEWERAGE EASEMENT. RECORDATION OF A MODIFIED EASEMENT SHALL NOT BE NECESSARY.
7. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
8. EXISTING WELLS, SEPTIC SYSTEMS, AND SEWERAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND THOSE WELLS WITHIN 200' DOWN GRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS OR SEWAGE DISPOSAL AREAS HAVE BEEN SHOWN.

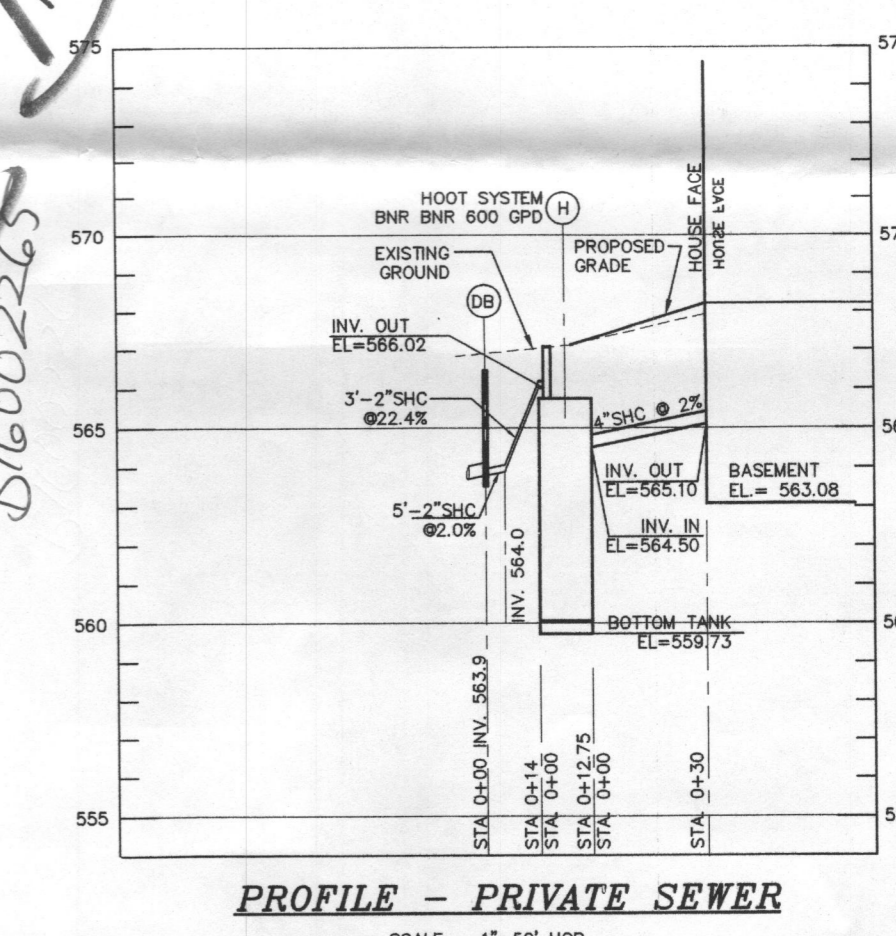
BEST AVAILABLE TECHNOLOGY SITE PLAN NOTES

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 3.0' FEET.
3. THE BLOWER MAY NOT BE LOCATED MORE THAN 100 FEET FROM THE TANK BASED ON MANUFACTURER'S SPECIFICATIONS.
4. THE BAT SYSTEM SHALL BE MAINTAINED AND OPERATED FOR THE LIFE OF THE SYSTEM.
5. THE BAT SYSTEM SHALL BE OPERATED BY AND MAINTAINED BY A CERTIFIED SERVICE PROVIDER.
6. WITHIN ONE (1) 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.
7. ELECTRICAL WORK FOR THE BAT INSTALLATION MUST BE PERFORMED BY A LICENSED ELECTRICIAN.
8. AN AGREEMENT AND EASEMENT MUST BE COMPLETED AND SIGNED BY ALL APPLICABLE PARTIES, AND RECORDED IN THE LAND RECORDS OF HOWARD COUNTY.
9. THE HEALTH DEPARTMENT REQUIRES DOCUMENTATION FOR THE START-UP CERTIFICATION FROM THE MANUFACTURER PRIOR TO FINAL APPROVAL OF THE INSTALLATION.

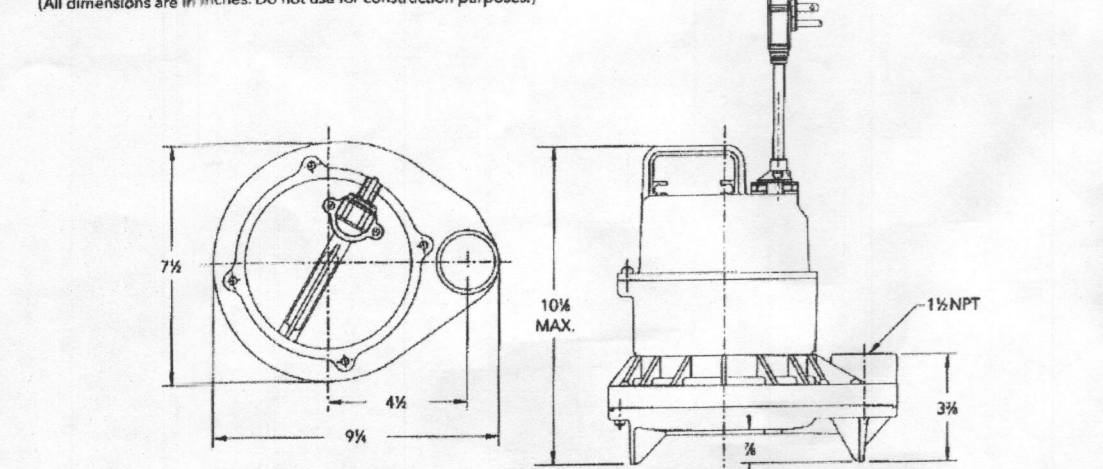
ON-SITE SEWAGE DISPOSAL SYSTEM:

RESIDENTIAL SYSTEM DESIGN: HOOT 600 BNR
 4 BEDROOM HOUSE (LIVING AREA = 1,800 SQ.FT.)
 150 GALLONS X # OF BEDROOMS = VOLUME OF WASTEWATER /DAY
 150 X 4 = 600 GPD
 PERC RATE = 2-5 MINUTES/INCH
 APPLICATION RATE = 1.2 GPD/SQ.FT.
 DESIGN FLOW X APPLICATION RATE = SQ.FT. OF TRENCH REQUIRED
 600 X 1.2 = 500 SQ.FT.
 SQ.FT. REQUIRED + WIDTH OF TRENCH = LENGTH OF TRENCH
 500 + 3.0' = 166.7 FT
 USE 24" OF GRAVEL BELOW DRAIN PIPE
 166.7 X 0.62 = 103.3 FT
 USE TWO (2) TRENCHES (52')
 A MINIMUM OF 10' BETWEEN TRENCHES UTILIZING SIDEWALL REDUCTION (REDI)
 MINIMUM TANK CAPACITY = 1000GALLONS
 PUMP: GOULDS MODEL 3871, EP04 SERIES

WELL CERTIFICATION:
 THE EXISTING WELL, TAG NO. HO-14-0147, HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN



DIMENSIONS
 (All dimensions are in inches. Do not use for construction purposes.)



COMPONENTS

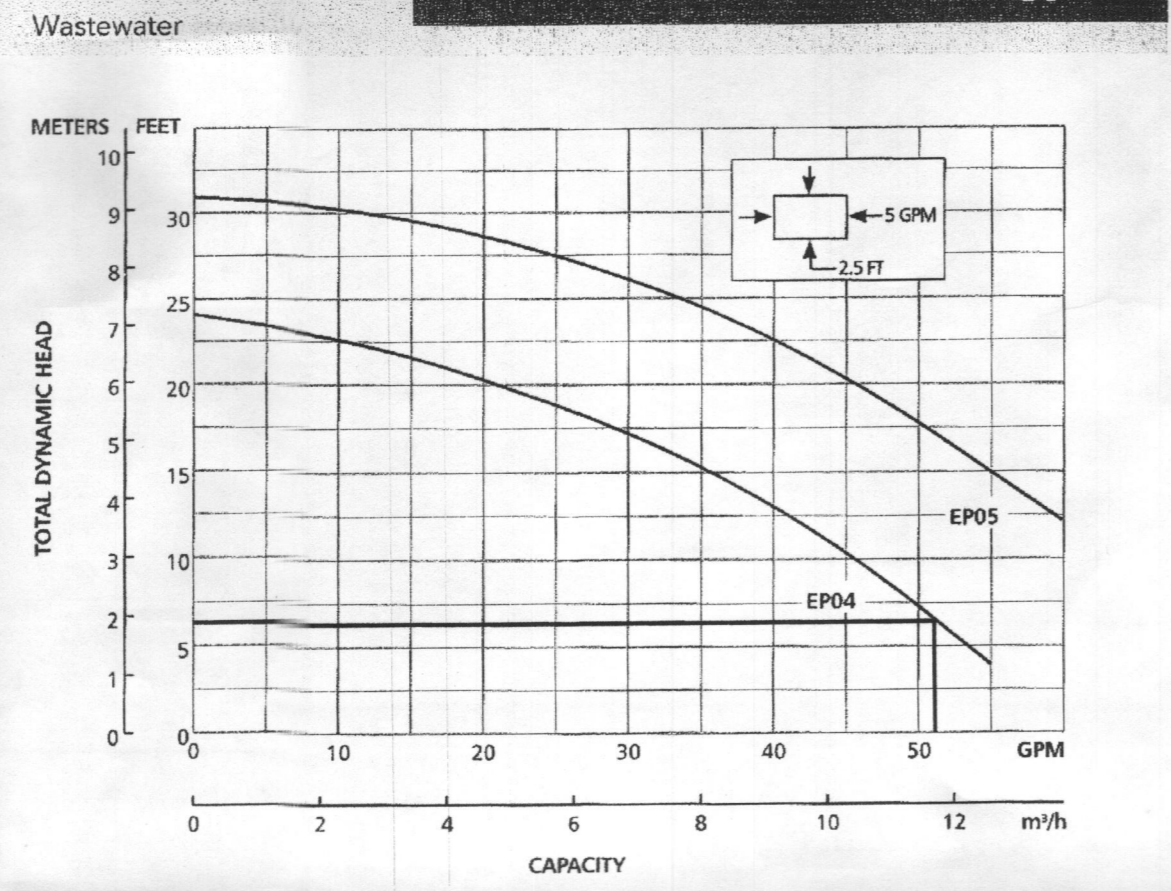
Item No.	Description
1	Receiver
2	Blower
3	Pump casing
4	Mechanical seal
5	Ball bearings
6	Control
7	Power cord
8	Oil filled motor
9	Motor housing/motor assembly
10	Motor cover

xylem
 Let's Solve Water

Xylem, Inc.
 2881 East Bayard Street Ext., Suite A
 Seneca Falls, NY 13149
 Phone: (866) 325-4210
 Fax: (866) 322-5877
 www.gouldswatertechnology.com

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Goulds Water Technology



MODEL INFORMATION

Order No.	HP	Volts	Amperage	Minimum Circuit Breaker	Phase	Float Switch Style	Cord Length	Discharge Connection	Minimum On Level	Minimum Off Level	Minimum Blade Diameter	Maximum Solids Size	Shipping Weight (lbs/kg)
EP0411						Float	10'	1 1/2"	Manual	Manual	1 1/2"	15'	20 / 9.1
EP0411A	1 1/2	115	12	20		Piggyback / Wide-angle	10'	1 1/2"	12"	6"	1 1/2"	15'	21 / 9.5
EP0411F						Pig / No switch	20'	1 1/2"	Manual	Manual	1 1/2"	15'	20 / 9.1
EP0411AC						Piggyback / Wide-angle	20'	1 1/2"	12"	6"	1 1/2"	15'	21 / 9.5
EP0412						Pig / No switch	10'	1 1/2"	Manual	Manual	1 1/2"	15'	20 / 9.1
EP0412F	230	4	10			Pig / No switch	20'	1 1/2"	Manual	Manual	1 1/2"	15'	20 / 9.1
EP0511F						Pig / No switch	20'	1 1/2"	Manual	Manual	1 1/2"	15'	22 / 10
EP0511AC	5	115	13	20		Piggyback / Wide-angle	20'	1 1/2"	12"	6"	1 1/2"	15'	23 / 10.4
EP0512F	230	4.5	10			Pig / No switch	20'	1 1/2"	Manual	Manual	1 1/2"	15'	22 / 10

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. 17942, EXP DATE 09/03/2016.

DEVELOPER
 NV HOMES
 9720 PATUXENT WOODS DRIVE
 COLUMBIA, MARYLAND 21046
 (410)379-5956

JACOB HIKMAT, P.E.
 DATE: 5/11/16

MILDENBERG, BOENDER & ASSOC., INC.
 Engineers Planners Surveyors
 7350-B Grace Drive, Columbia, Maryland 21044
 (410) 997-0298 Fax: (410) 997-0296

**5004 BEE FRANCES WAY, CLARKSVILLE MD
 GREENBERRY LOT 1
 HOWARD COUNTY
 FIFTH ELECTION DISTRICT
 SITE PLAN FOR BAT INSTALLATION**

Project: 15-005
 date: MAY 2016
 illustration: MMM
 engineering: MMM
 scale: 1"=50'
 approval: RJH

1 OF 1

Health Dept

5004 Bee Frances Way

LOT 1

6 Bedrooms

Ornela B. Blythe

REVISSED House type

B1600 2265



NVR, Inc.
Architectural Services
21 Bye Court, Suite A
Frederick, MD 21702

CHAPEL HILL II

SPEC SHEET	FULL BASEMENT							ATTACHED GARAGE / ROOMS					STANDARD DETAILS
	STD. DWS.	ELEV. 'A'	ELEV. 'B'	ELEV. 'C'	ELEV. 'D'	ELEV. 'E'							
FRONT ELEVATIONS	2	3	4	5	6	7							D-1
SIDES AND REAR ELEVATIONS		8	9	10	11								D-2
FOUNDATION	12	13	14	15	16								D-3
FOUNDATION HOLD DOWN	17	18	19	20	21								D-4
PLUMBING	22	23	24	25	26								D-5
BASEMENT PLAN	27	28	29	30	31								D-6
FIRST FLOOR PLAN	32	33	34	35	36								D-7
SECOND FLOOR PLAN	37	38	39	40	41								D-8
BUILDING SECTION AT FOOTER	42	43	44	45	46								D-9
BUILDING SECTION AT GARAGE	47	48	49	50	51								D-10
BUILDING SECTION AT MORNING ROOM	52	53	54	55	56								D-11
PRIMARY STAIR - PINE	57	58	59	60	61								D-12
PRIMARY STAIR - OAK	62	63	64	65	66								D-13
PRIMARY STAIR - DIRECT SET	67	68	69	70	71								D-14
SECONDARY STAIR - PINE / OAK	72	73	74	75	76								D-15
SECONDARY STAIR - PINE / OAK	77	78	79	80	81								D-16
KITCHEN PLANS, HOOD A	82	83	84	85	86								D-17
KITCHEN PLANS, HOOD B	87	88	89	90	91								D-18
KITCHEN PLANS, HOOD C	92	93	94	95	96								D-19
KITCHEN PLANS, HOOD D	97	98	99	100	101								D-20
KITCHEN PLANS, HOOD E	102	103	104	105	106								D-21
MISC. CABINETS - BUTLERS PANTRY, LAUNDRY, WET BAR	107	108	109	110	111								D-22
INTERIOR DETAILS - TRIM	112	113	114	115	116								D-23
INTERIOR DETAILS - FIREPLACE	117	118	119	120	121								D-24
EXTERIOR DETAILS - PORCH	122	123	124	125	126								D-25
EXTERIOR DETAILS - TERRACE	127	128	129	130	131								D-26
BASMENT ELECTRICAL	132	133	134	135	136								D-27
FIRST FLOOR ELECTRICAL	137	138	139	140	141								D-28
SECOND FLOOR ELECTRICAL	142	143	144	145	146								D-29
FIRST FLOOR LOST LAYOUT	147	148	149	150	151								D-30
SECOND FLOOR LOST LAYOUT	152	153	154	155	156								D-31
ROOF FRAMING	157	158	159	160	161								D-32
TRUSS BRACING - NV	162	163	164	165	166								D-33
BRACED WALL PANEL DETAIL - FIRST FLOOR - 40 MPH	167	168	169	170	171								D-34
BRACED WALL PANEL DETAIL - SECOND FLOOR	172	173	174	175	176								D-35
ROOF VENT	177	178	179	180	181								D-36
HEATING LAYOUT - BASEMENT	182	183	184	185	186								D-37
HEATING LAYOUT - FIRST FLOOR	187	188	189	190	191								D-38
HEATING LAYOUT - SECOND FLOOR	192	193	194	195	196								D-39

BASE SQUARE FOOTAGE	
FIRST FLOOR	68055 SQ. FT. 1781
SECOND FLOOR	68055 SQ. FT. 1671
HOUSE TOTAL	68055 SQ. FT. 3466

ELEVATIONS SQ. FT.	
ELEVATION 'A'	68055 SQ. FT. 408
ELEVATION 'B'	68055 SQ. FT. 408
ELEVATION 'C'	68055 SQ. FT. 408
ELEVATION 'D'	68055 SQ. FT. 408
ELEVATION 'E'	68055 SQ. FT. 408

ADDITIONAL SQ. FT.	
MORNING ROOM	68055 SQ. FT. +264
4' EXT TO HOUSE	68055 SQ. FT. +64
OWNER'S SITTING AREA	68055 SQ. FT. +58
ALT OWNERS / 1/2 CAR	68055 SQ. FT. +122
ALT OWNERS / 3 CAR	68055 SQ. FT. +208

MAXIMUM FINISHED SQ. FT.	
HOUSE TOTAL	68055 SQ. FT. 4302
**MAXIMUM SQ. FT. DOES NOT INCLUDE BASEMENT	

FINISHED BASEMENT SQ. FT.	
RECREATION ROOM	68055 SQ. FT. 640
MORNING ROOM	68055 SQ. FT. +264
4' EXT.	68055 SQ. FT. +64
BASEMENT BATH	68055 SQ. FT. +45
EXERCISE ROOM	68055 SQ. FT. +220
MEDIA ROOM	68055 SQ. FT. +210
HOME OFFICE	68055 SQ. FT. +235

UNFINISHED AREA	
UNFINISHED BASEMENT	68055 SQ. FT. 1781
2 CAR GARAGE	68055 SQ. FT. 421
3 CAR GARAGE	68055 SQ. FT. 632
1 CAR GARAGE	68055 SQ. FT. 240

FOOTPRINT	
BASE HOUSE:	
WIDTH	54'-0"
DEPTH	48'-0"
MAXIMUM:	
WIDTH	66'-4"
DEPTH	70'-4"

SET - VERSION	10900-02	CS-1
---------------	----------	------

Bricker, Robert

From: Hanauer, Brent <bhanauer@nvrinc.com>
Sent: Wednesday, August 10, 2016 11:47 AM
To: Bricker, Robert
Subject: Re: revision issues_floor plan-FW: Greenberry Lot 1

Hi Robert. All of our floor plans only show a per plan home (meaning driveway right) if the house is flipped to a reverse layout the site plan only shows this as the plans are interpreted as a mirror image changing to the opposite side. Please let me know if you need additional information or this clears this issue up for you

Sent from my iPhone

On Aug 10, 2016, at 11:32 AM, Bricker, Robert <RBricker@howardcountymd.gov> wrote:

Brent,

There is a discrepancy between the floor plan submitted to me and the driveway access to the house. The floor plan illustrates a house that would be accessed by a driveway on the right side of the lot, rather than the driveway on the left side as is illustrated in the revisions I am reviewing.

Can you describe to me how the proposed residence differs from the floor plan that was delivered to me today?

Robert Bricker, REHS/RS, L.E.H.S.

From: Bricker, Robert
Sent: Tuesday, August 09, 2016 4:10 PM
To: 'Hanauer, Brent'
Cc: jim@decaturbuildingservices.com
Subject: RE: revision issues_FW: Greenberry Lot 1

Please be advised that I cannot complete comments on a BAT Plan, and will not approve a BAT Plan, without reviewing the floor plan.

Robert Bricker, REHS/RS, L.E.H.S.

From: Hanauer, Brent [<mailto:bhanauer@nvrinc.com>]
Sent: Monday, August 08, 2016 12:38 PM
To: Bricker, Robert
Cc: jim@decaturbuildingservices.com
Subject: RE: revision issues_FW: Greenberry Lot 1

Thanks Robert. Jim has all of the paperwork for this revision to change house types, bedroom and layout. He will be dropping off to DILP and your office tomorrow. Can you still proceed with comments to Maya today so we can continue moving this process along? Please let me know if there is anything else you would need. Thanks.

From: Bricker, Robert [<mailto:RBricker@howardcountymd.gov>]
Sent: Monday, August 08, 2016 12:21 PM
To: Hanauer, Brent
Cc: jim@decaturbuildingservices.com
Subject: revision issues_FW: Greenberry Lot 1

Forwarding message as indicated by automated reply from Taylor Farris email. See message to Maya (below).

From: Bricker, Robert
Sent: Monday, August 08, 2016 12:17 PM
To: 'Maya Mildenberg'
Cc: 'Jacob Hikmat'; 'Farris, Taylor'
Subject: RE: Greenberry Lot 1

Maya, I will have comment on the BAT Plan, though I see that there is need for clarification of related issues.

1. As the house is reversed, there is need for a REVISION of the Plot Plan to be submitted to DILP.
2. There is a conflict between the floor plans which illustrate 4 bedrooms, and the BAT Plan which has a system proposed for 6 bedrooms. This also may indicate that a REVISION of floor plans should be submitted to DILP.

I could issue comments concerning the BAT Plan this afternoon, but I think it is better to know the full extent of the revision for the proposed construction.

Robert Bricker, REHS/RS, L.E.H.S.

From: Maya Mildenberg [<mailto:maya@mba-eng.com>]
Sent: Monday, August 08, 2016 9:54 AM
To: Bricker, Robert
Cc: 'Jacob Hikmat'; 'Farris, Taylor'
Subject: Greenberry Lot 1

Good morning Robert,

I will be out of the country for almost 2 weeks (August 13-24). I don't know if you received the floor plan and construction application for Lot 1 at Greenberry, but if you have any comments for BAT design for Lot 1, I would love to address them before I go (this week).

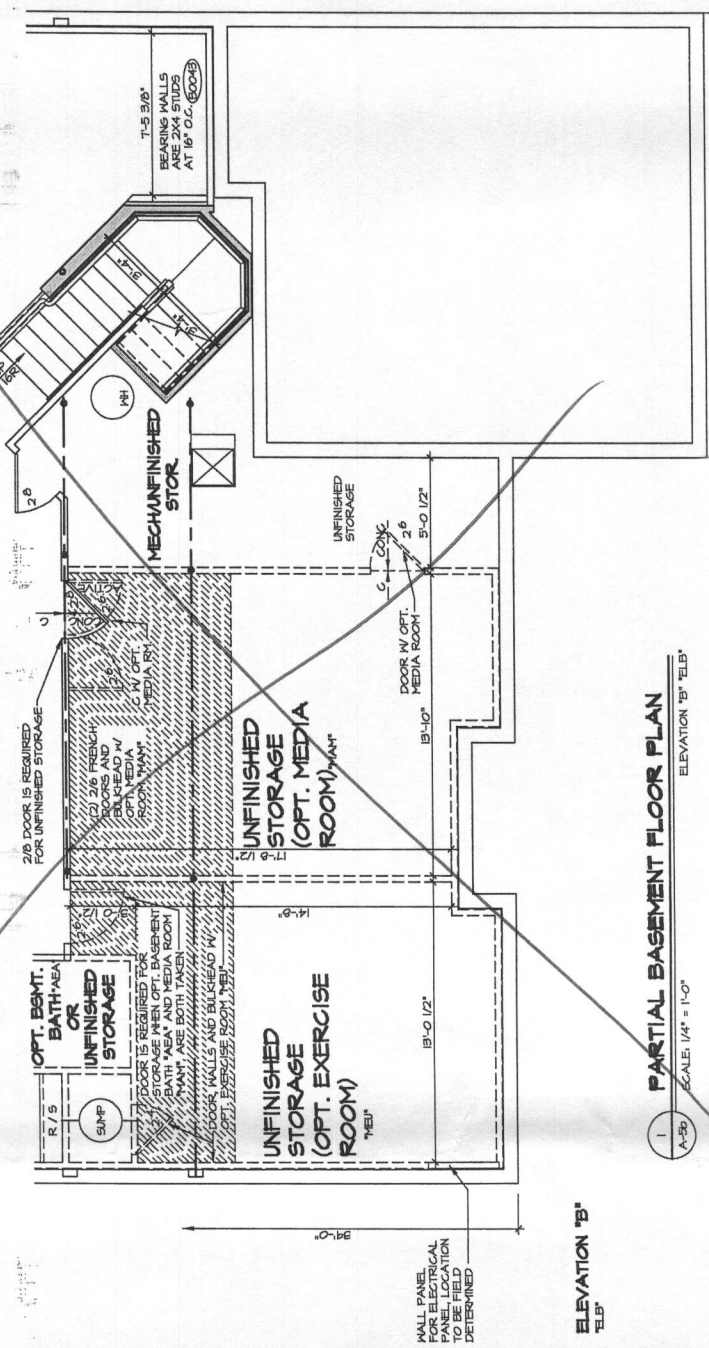
Thanks

Mildenberg, Boender and Assoc., Inc.
Maya M. Mildenberg
Vice President
7350-B Grace Drive
Columbia, Maryland 21044
410-997-0296 (work)
410-997-0298 (fax)
240-481-7116(cell)
maya@mba-eng.com

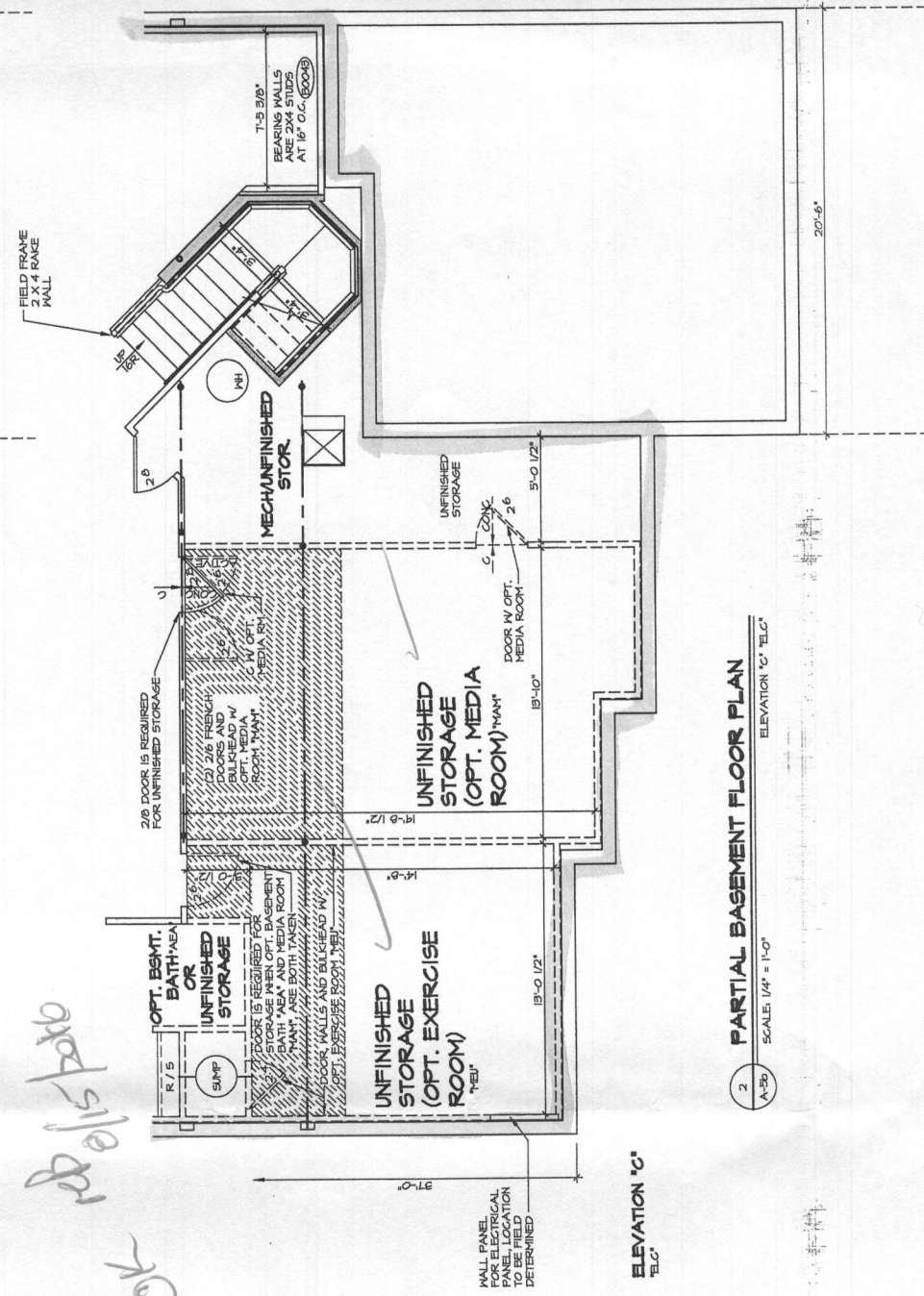
This email is confidential and intended solely for the use of the individual to whom it is addressed. If you have received this email in error please contact the sender and be advised that any use, dissemination, forwarding, printing, or copying of this email is strictly prohibited. The terms for the purchase and sale of any property referenced in this email shall be solely determined by a ratified Purchase Agreement. Any information provided in this email, including but not limited to, pricing, financing, features of a property and/or community, is not to be construed as the basis of the bargain for the purchase and sale of any such property.

- NOTES:**
1. ALL HEADERS ARE (3) 2x6, UNLESS OTHERWISE NOTED. 6" ALL INTERIOR WALLS ARE 3 1/2" HATCHED AREAS INDICATE DROPPED CEILING.
 2. ALL CAGED CEILING ARE 8'-0" WASHERS ALWAYS ON THE LEFT PER PLAN OR REVERSE PLAN (WHERE APPLICABLE) THROUGH TOP FLATES OF WALL TO BEAR DIRECTLY ON BOTTOM CHORD AT LOCATIONS NOTED
 3. UNLESS OTHERWISE NOTED, 6" ALL INTERIOR WALLS ARE 3 1/2" HATCHED AREAS INDICATE DROPPED CEILING.
 4. ALL CAGED CEILING ARE 8'-0" WASHERS ALWAYS ON THE LEFT PER PLAN OR REVERSE PLAN (WHERE APPLICABLE) THROUGH TOP FLATES OF WALL TO BEAR DIRECTLY ON BOTTOM CHORD AT LOCATIONS NOTED

BUREAU OF ENVIRONMENTAL HEALTH
 HOWARD COUNTY HEALTH DEPT.
 11 11 2018

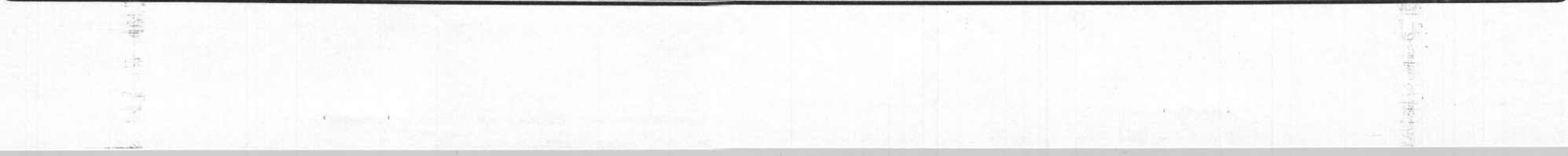
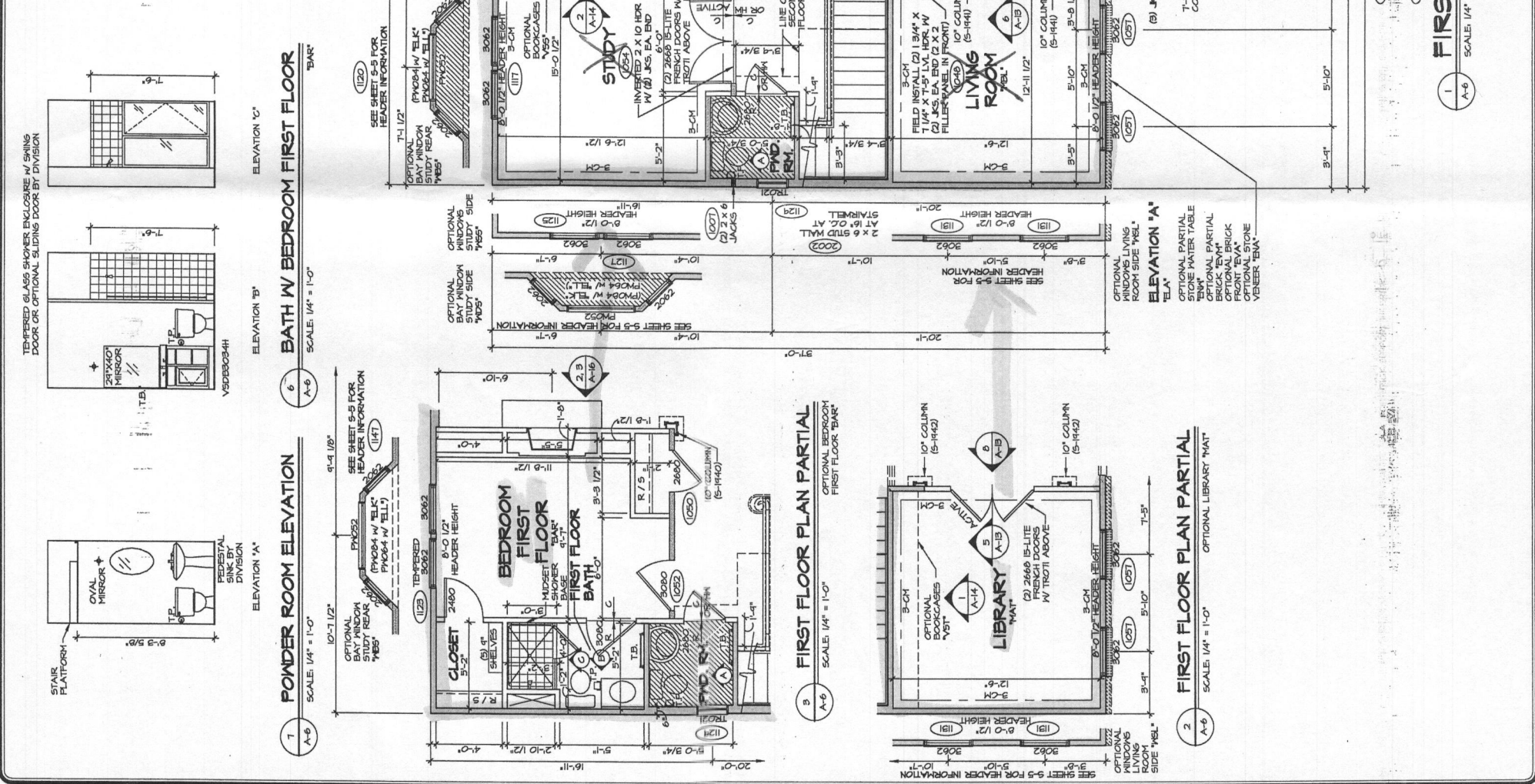
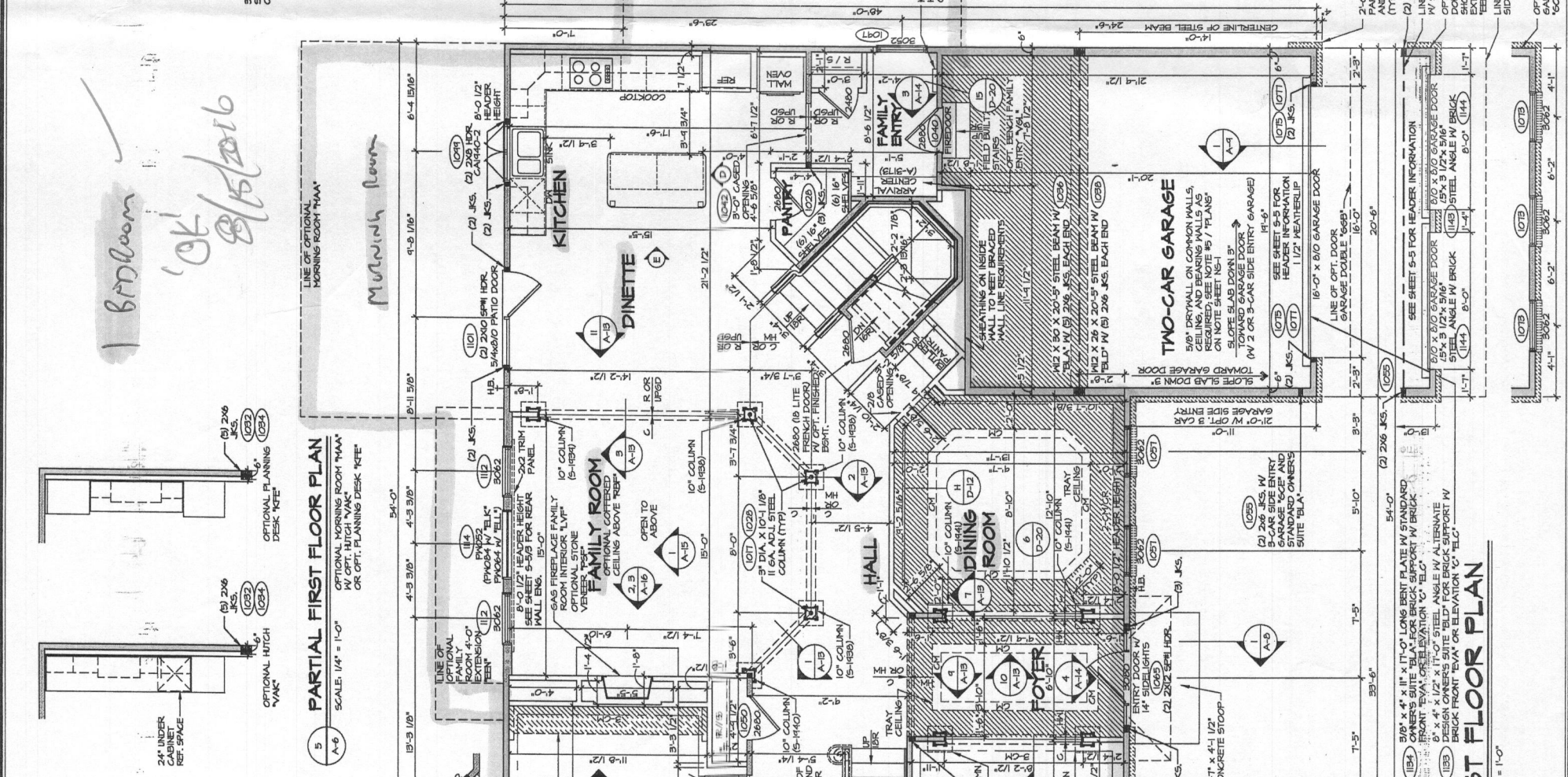
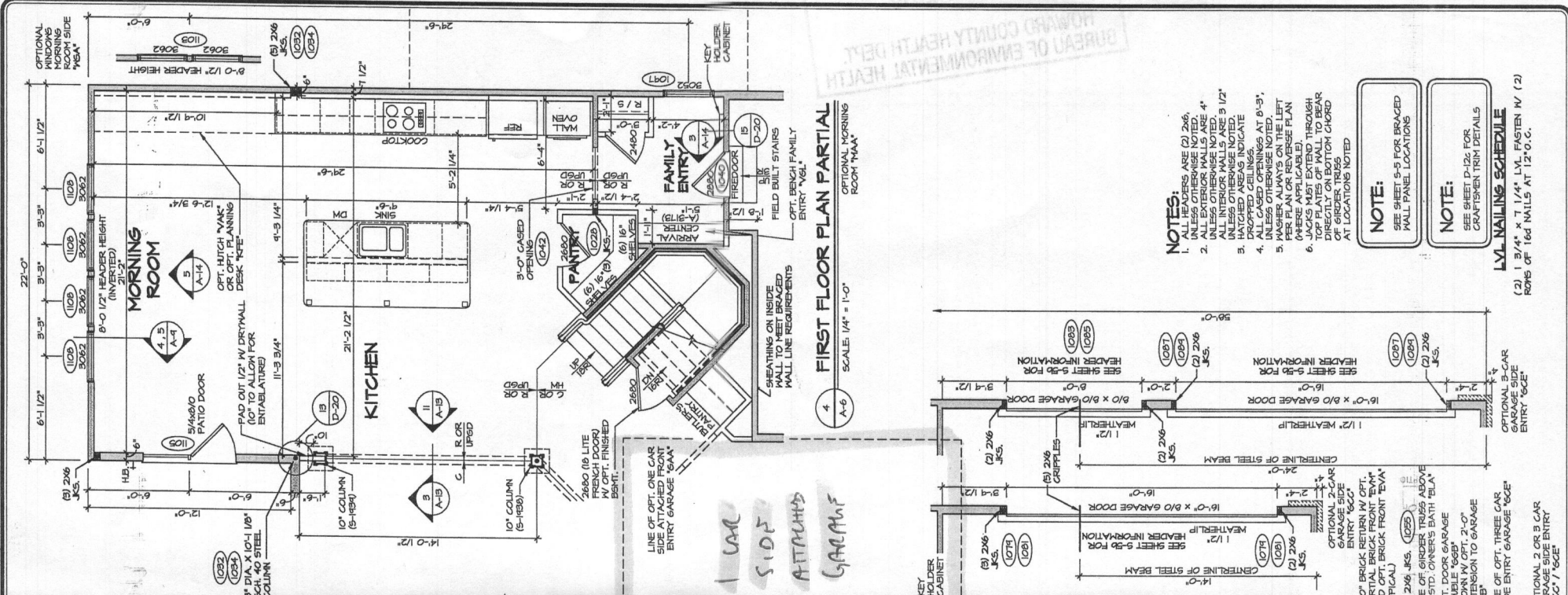


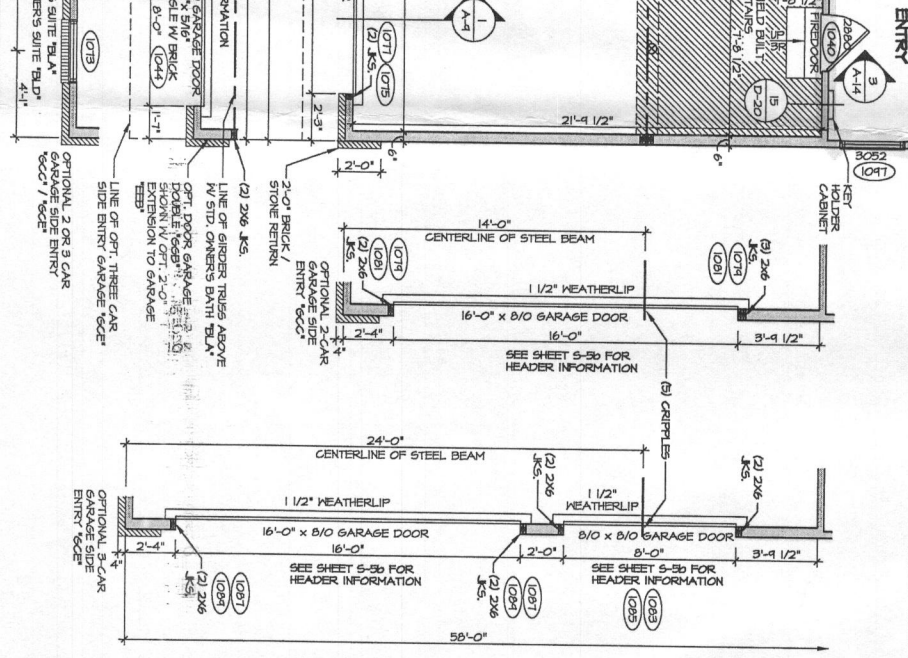
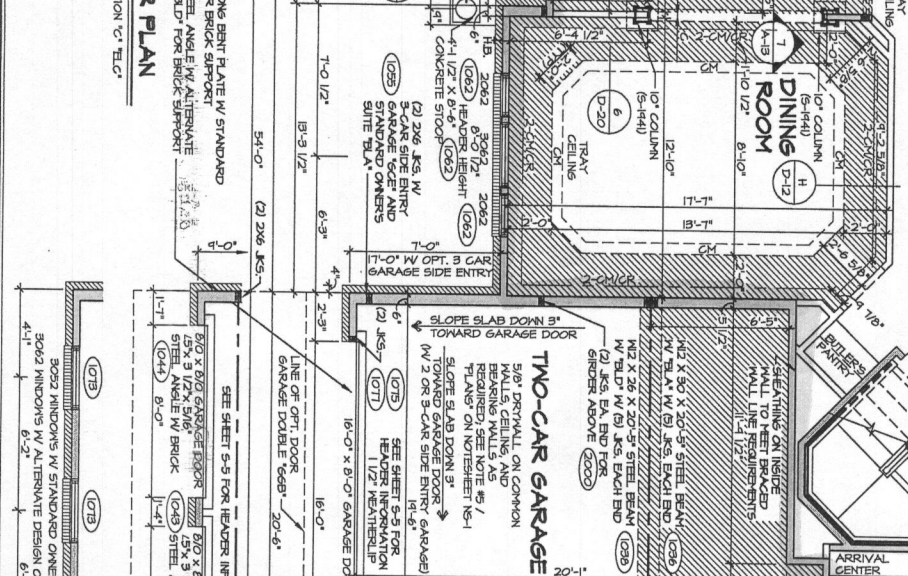
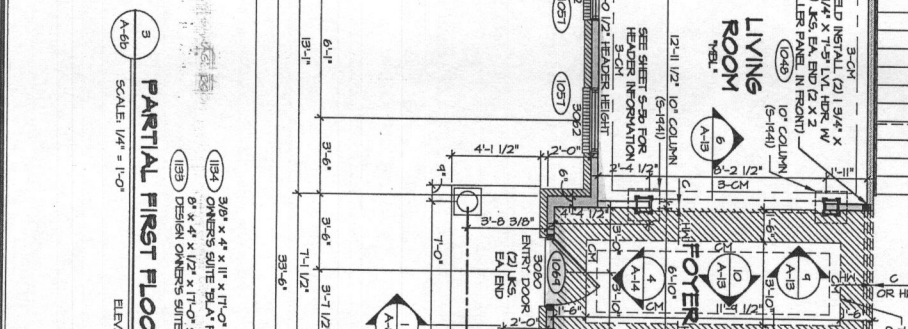
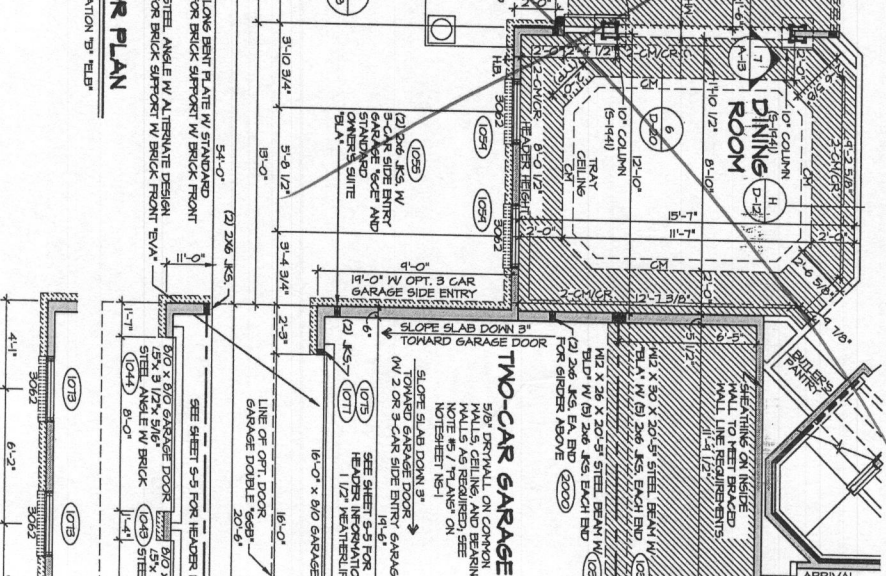
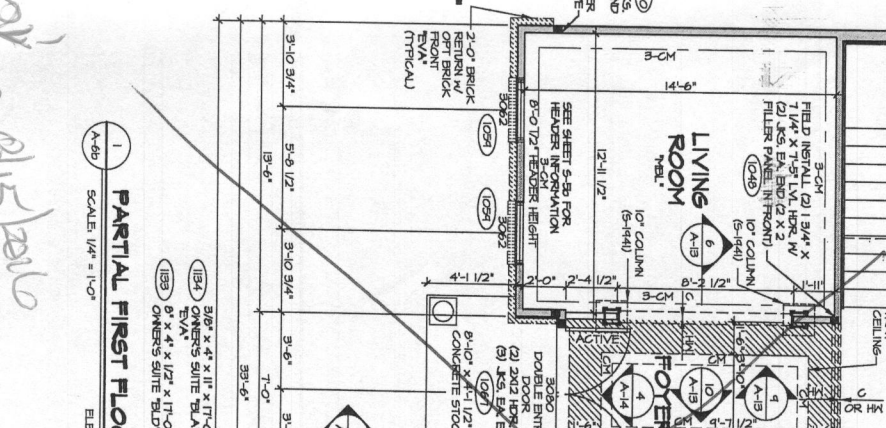
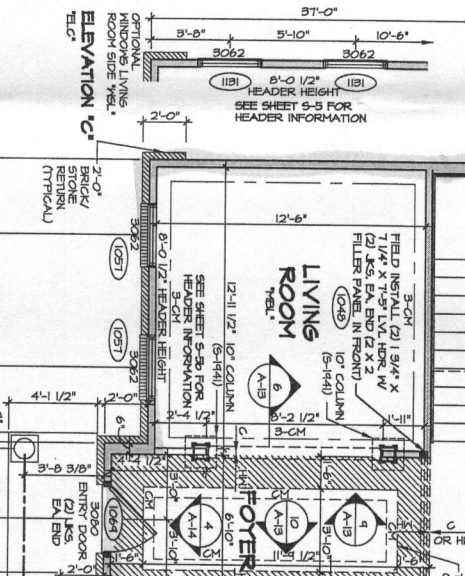
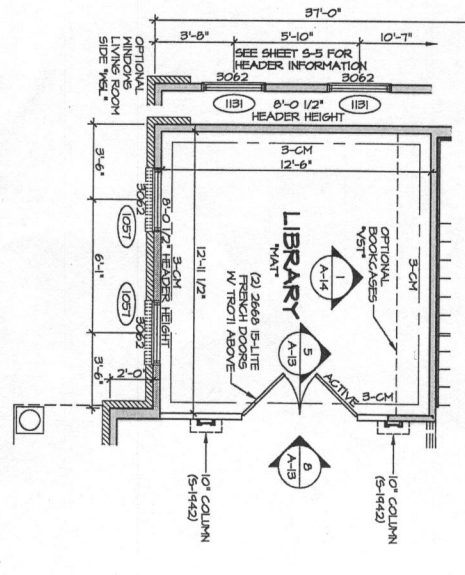
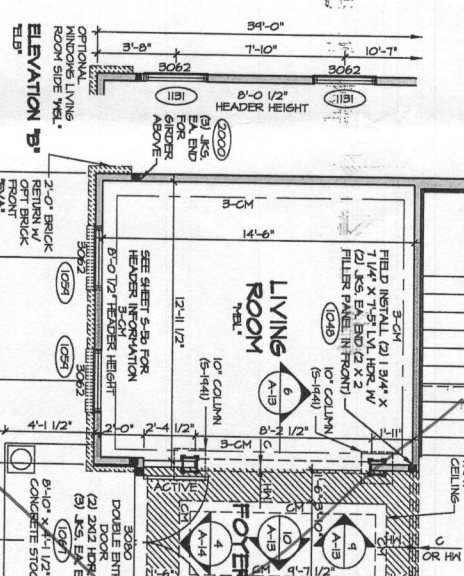
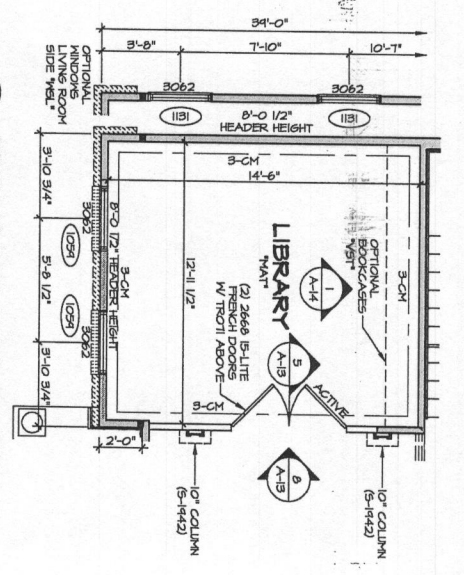
1
A-5b
PARTIAL BASEMENT FLOOR PLAN
 ELEVATION "B" TEL
 SCALE: 1/4" = 1'-0"



2
A-5b
PARTIAL BASEMENT FLOOR PLAN
 ELEVATION "C" TEL
 SCALE: 1/4" = 1'-0"

OK
 red/s/s/p/d/b





NOTES:

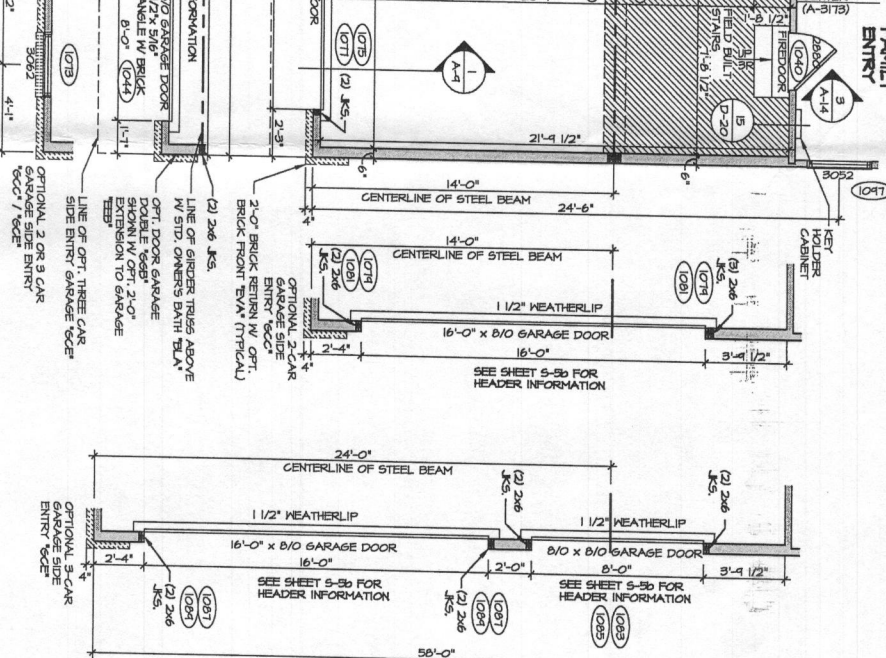
1. ALL HEADERS ARE (2) 2x6.
2. UNLESS OTHERWISE NOTED.
3. UNLESS OTHERWISE NOTED.
4. UNLESS OTHERWISE NOTED.
5. UNLESS OTHERWISE NOTED.
6. UNLESS OTHERWISE NOTED.
7. UNLESS OTHERWISE NOTED.
8. UNLESS OTHERWISE NOTED.
9. UNLESS OTHERWISE NOTED.
10. UNLESS OTHERWISE NOTED.

NOTE: SEE SHEET D-12 FOR BRACKED WALL PANEL LOCATIONS

NOTE: SEE SHEET D-12 FOR BRACKED WALL PANEL DETAILS

LM WALLING SCHEDULE

(2) 1 3/4" x 7 1/4" LM, FASTEN W/ 1/2" RODS @ 16" WALLS AT 12" O.C.



NOTES:

1. ALL HEADERS ARE (2) 2x6.
2. UNLESS OTHERWISE NOTED.
3. UNLESS OTHERWISE NOTED.
4. UNLESS OTHERWISE NOTED.
5. UNLESS OTHERWISE NOTED.
6. UNLESS OTHERWISE NOTED.
7. UNLESS OTHERWISE NOTED.
8. UNLESS OTHERWISE NOTED.
9. UNLESS OTHERWISE NOTED.
10. UNLESS OTHERWISE NOTED.

NOTE: SEE SHEET D-12 FOR BRACKED WALL PANEL LOCATIONS

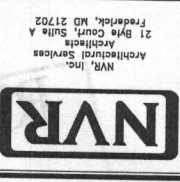
NOTE: SEE SHEET D-12 FOR BRACKED WALL PANEL DETAILS

SHEET NO. A-66		MODEL CHAPEL HILL II		SET NO. 010900		VERSION 02		DRAWN BY SMP		DATE: 7/29/13		OPTION ELB		ELEVATION ELC	
DRAWING TITLE FIRST FLOOR PLAN PARTIALS		OPTIONAL LIBRARY MAIN		OPTIONAL LIBRARY MAIN		OPTIONAL LIBRARY MAIN		OPTIONAL LIBRARY MAIN		OPTIONAL LIBRARY MAIN		OPTIONAL LIBRARY MAIN		OPTIONAL LIBRARY MAIN	
OPTION DESCRIPTION ELEVATION 'B'		OPTIONAL LIBRARY MAIN		OPTIONAL LIBRARY MAIN		OPTIONAL LIBRARY MAIN		OPTIONAL LIBRARY MAIN		OPTIONAL LIBRARY MAIN		OPTIONAL LIBRARY MAIN		OPTIONAL LIBRARY MAIN	
ELEVATION ELC		OPTIONAL LIBRARY MAIN		OPTIONAL LIBRARY MAIN		OPTIONAL LIBRARY MAIN		OPTIONAL LIBRARY MAIN		OPTIONAL LIBRARY MAIN		OPTIONAL LIBRARY MAIN		OPTIONAL LIBRARY MAIN	
21		21		21		21		21		21		21		21	



REV. NO.	DATE	REMARKS
10	1/27/16	565 - PAR #2803 - UPDATED HANDRAILS TO MATCH STAIR PLANS
2	3/6/14	56A - CHAIR RAILINGS ADDED TO DINING ROOM - PAR # 22372
3	3/1/14	R/C - ADDED DETAIL HD-12 FOR PICTURE FRAME HOLDING AT DINING ROOM
4	3/18/14	DSK - TRIM MARKETING REVISIONS
5	4/2/14	CVB - CLEARIFIED DETAIL REFERENCES
6	10/28/14	56A - 2X4 HALL CONVERSION
7	03/04/15	MBT - ADDED A NOTE FOR THE LEFT DOOR ON ELB TO BE ACTIVE.
8	5/4/15	565 - PAR #32840 - DROPPED CEILING IN GARAGE FOR PLUMBING / INSULATION
9	6/15/15	56E - PLANT BUILT ARRIVAL CENTER PROJECT

SHEET NO.	24
MODEL	A-6d
DRAWING TITLE	CHapel Hill II
VERSION	02
SET NO.	10400
DESIGNED BY	SMN
DATE	7/24/13
OPTION	GAA
OPTION DESCRIPTION	ONE CAR SIDE ATTACHED GARAGE FRONT ENTRY

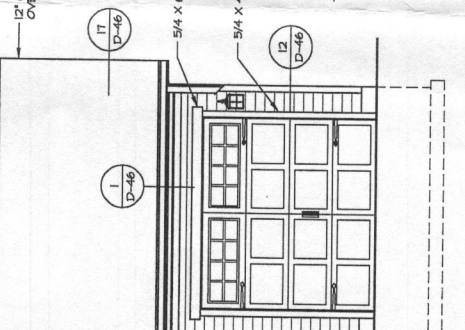
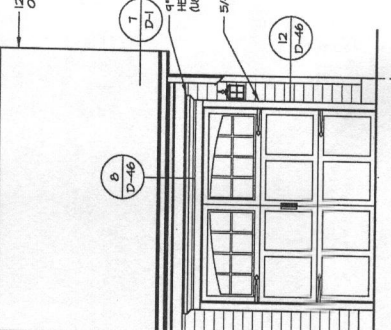
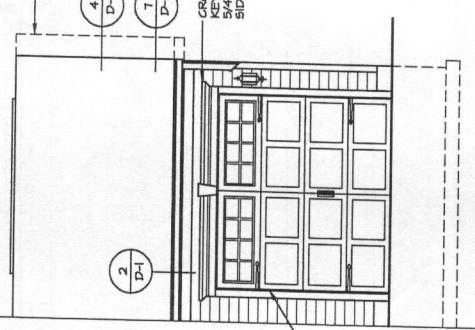
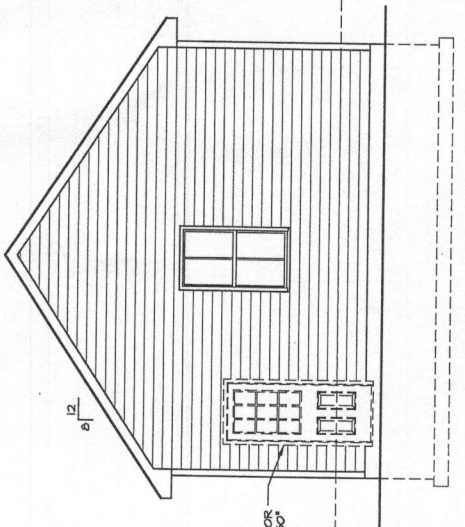
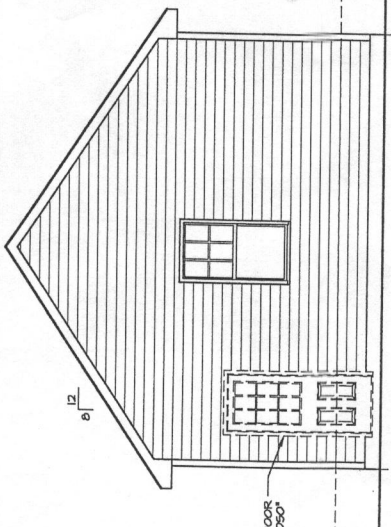
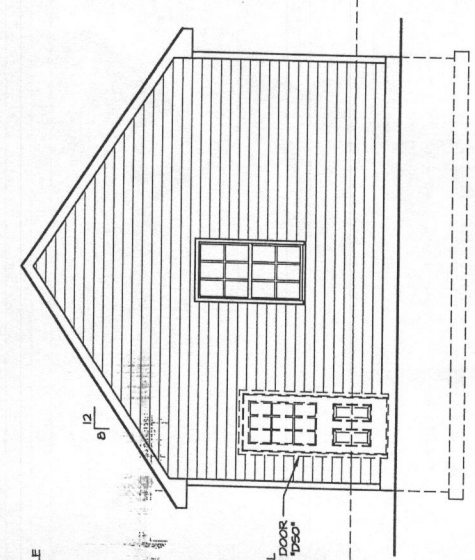


REV.	NO.	DATE	REMARKS
10	10	5/28/15	595 - PAR 85160 - ADDED TRIM PANEL UNDER FAMILY ROOM WINDOW
11	11	6/2/15	595 - REVISED JCS AT GARAGE DOOR (PERMIT RESPONSE)
12	12	6/19/15	606 - PLANT BUILT AT ARRIVAL CENTER PROJECT
13	13	6/27/16	619 - ADDED NOTE FOR KITCHEN HANDRAILS TO MATCH STAIR PLANS
14	14	10/1/14	624 - ADDED WALL CONVERSION
15	15	10/1/14	624 - ADDED MISSING (M) TO UPHOLSTER GARAGE HEADPIECE
16	16	8/29/15	626 - REVISED KITCHEN CABINET LAYOUT
17	17	8/14/15	626 - PAR 85240 - DROPPED CEILING IN GARAGE FOR PUMPS / INSULATION

NOTE:
SEE SHEET D-12 FOR CRAFTSMEN TRIM DETAILS

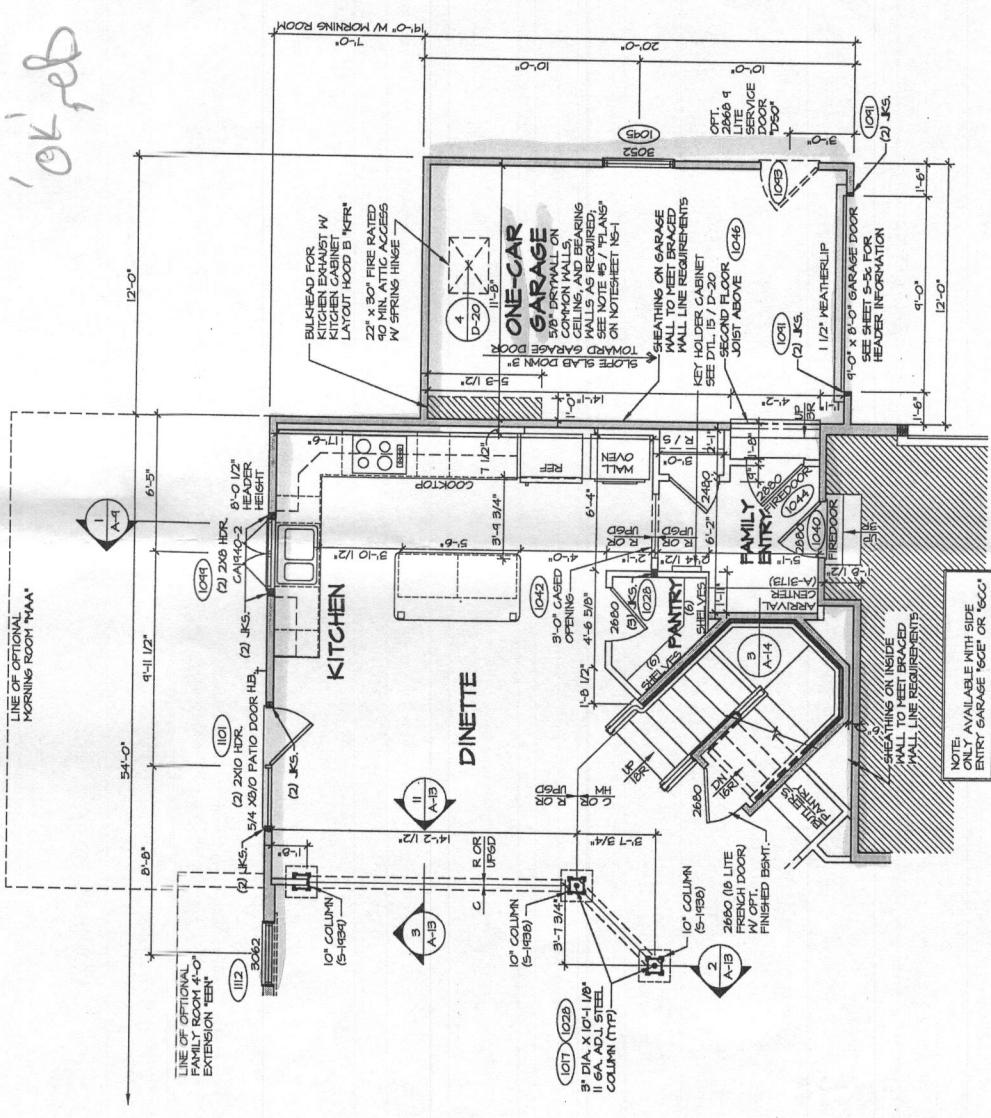
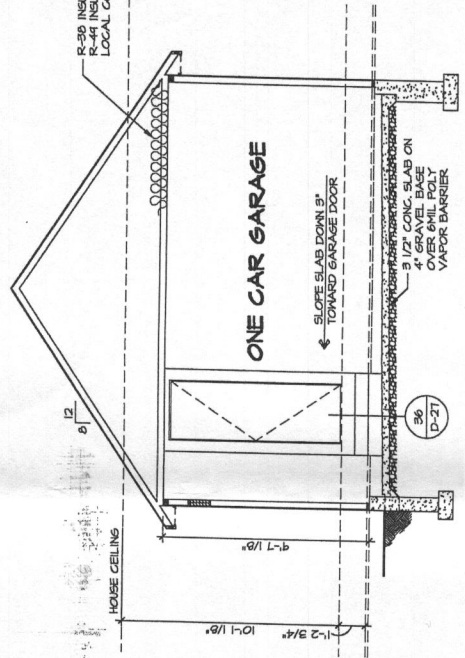
NOTE:
SEE SHEET S-5 FOR BRACED WALL PANEL LOCATIONS

NOTES:
1. ALL DIMENSIONS ARE (U) UNLESS OTHERWISE NOTED.
2. ALL EXTERIOR WALLS ARE 4" UNLESS OTHERWISE NOTED.
3. ALL INTERIOR WALLS ARE 3 1/2" UNLESS OTHERWISE NOTED.
4. ALL CASED OPENINGS AT 8'-0" PER PLAN UNLESS OTHERWISE NOTED.
5. UNLESS OTHERWISE NOTED, JACKS MUST EXTEND THROUGH ALL PLAYS OF WALL TO BEAR ON ORDER TRUSS AT LOCATIONS NOTED.

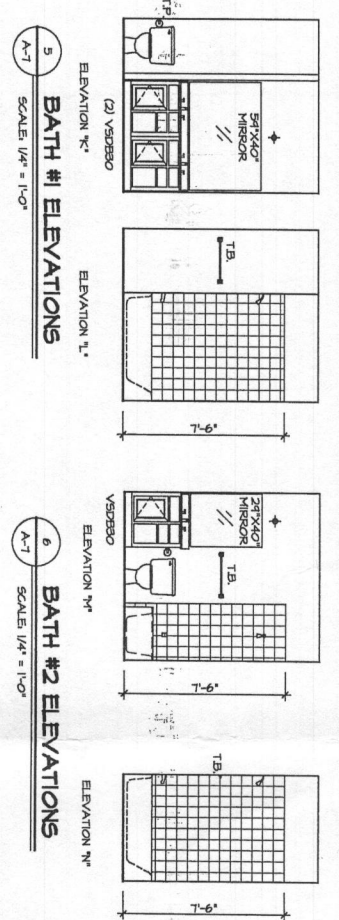


SHOWN WITH OPTIONAL GARAGE DOOR ARCH WINDOW W/ DOOR STYLE TO MATCH EXISTING ELEVATION

ok, red g/s/s/kone



NOTE: AVAILABLE WITH SIDE ONLY GARAGE 'GCE' OR 'GCC'

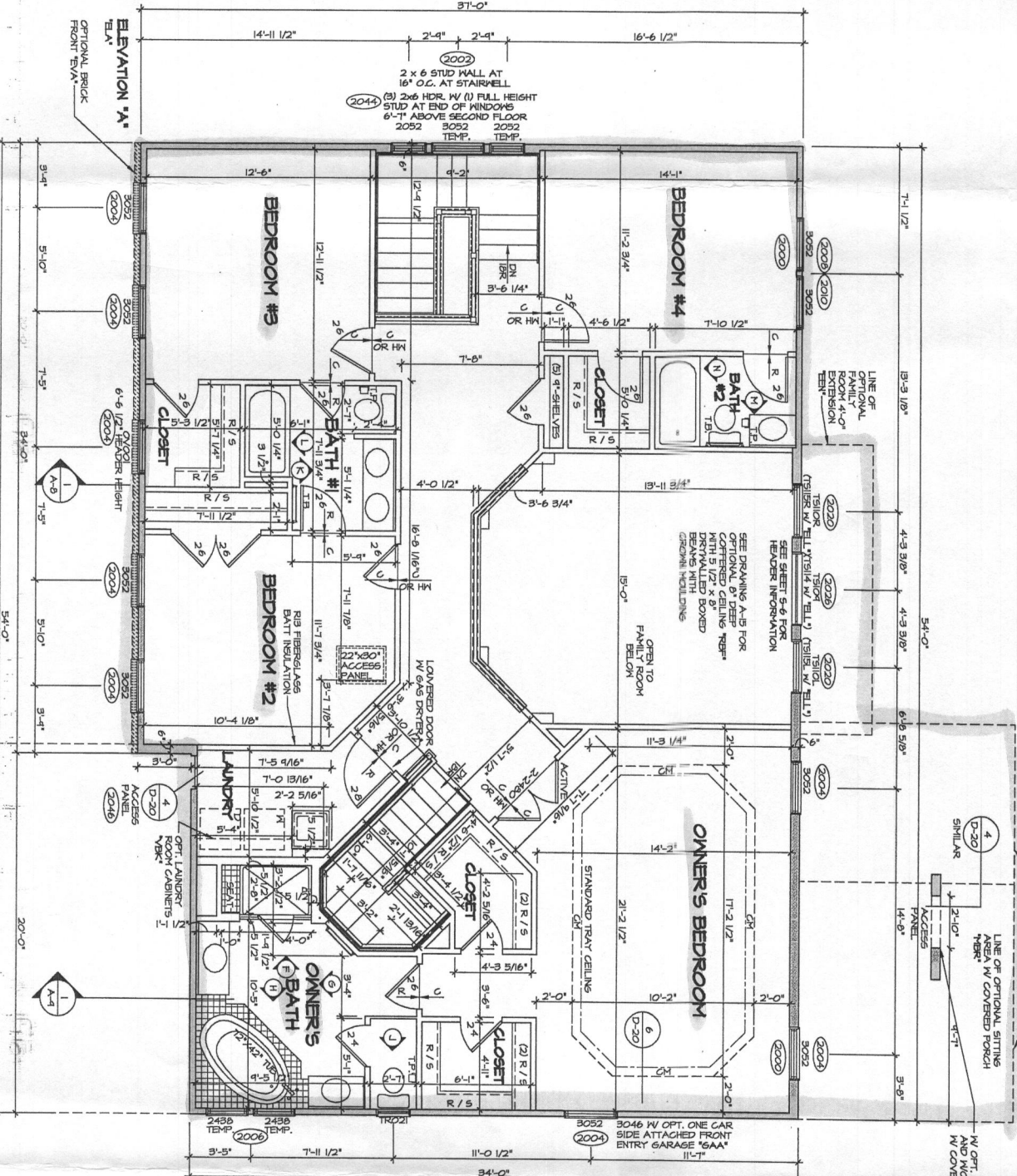


NOTES:
ALL DRAWERS TO BE SET ON RIGHT.

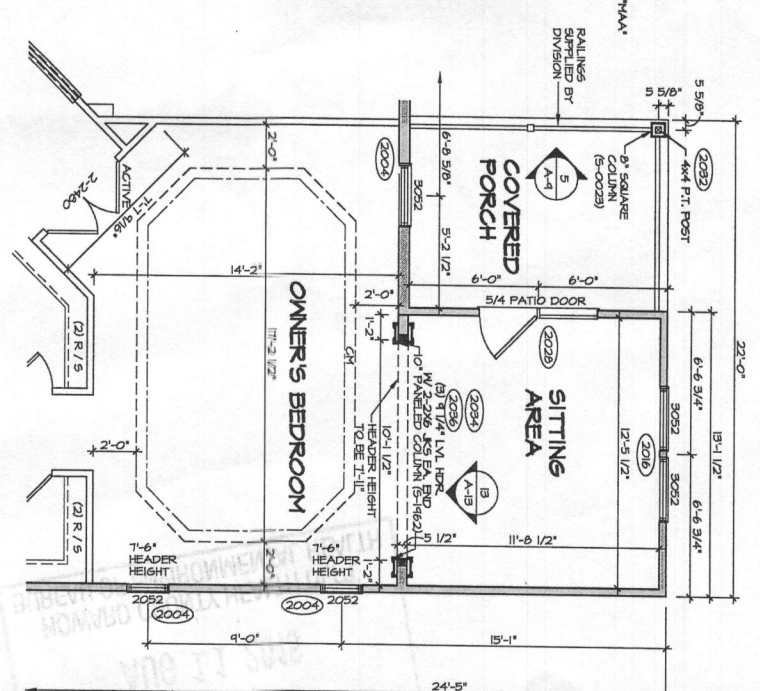
4 PARTIAL SECOND FLOOR PLAN
SCALE: 1/4" = 1'-0"

3 PARTIAL SECOND FLOOR PLAN
SCALE: 1/4" = 1'-0"

7 OWNER'S BATH ELEVATIONS
SCALE: 1/4" = 1'-0"



2 PARTIAL SECOND FLOOR PLAN
SCALE: 1/4" = 1'-0"



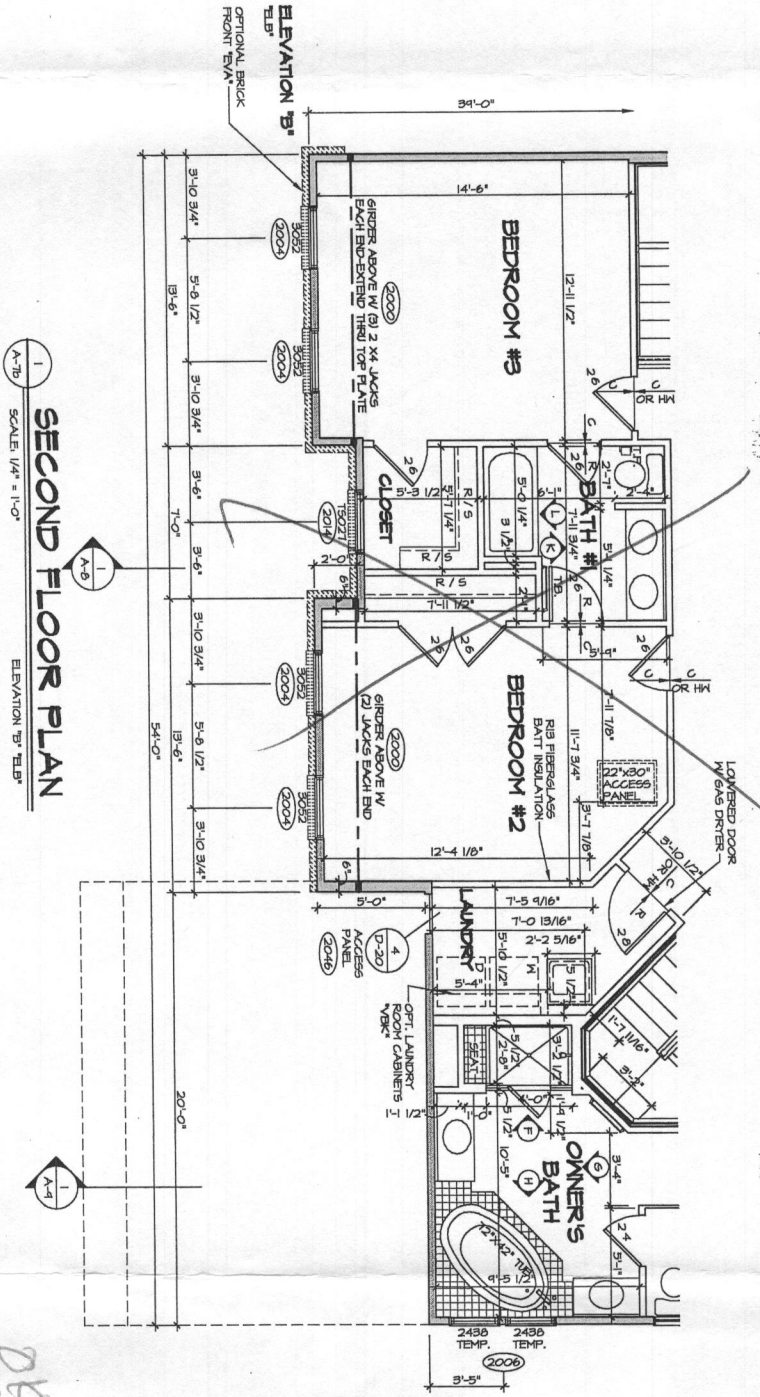
- NOTES:**
1. ALL HEADINGS ARE (2) 2x6.
 2. ALL INTERIOR WALLS ARE 5/8" GYPSUM BOARD OVER 2x4 STUDS.
 3. ALL INTERIOR WALLS ARE 5/8" GYPSUM BOARD OVER 2x4 STUDS.
 4. ALL INTERIOR WALLS ARE 5/8" GYPSUM BOARD OVER 2x4 STUDS.
 5. HATCHED AREAS INDICATE DROPPED CEILING.
 6. ALL CEILING OPENINGS AT 8'-3".
 7. ALL CEILING OPENINGS AT 8'-3".
 8. WASHER ALWAYS ON THE LEFT PER PLAN OR REVERSE PLAN.
 9. WAREHOUSE MATERIALS TO BE KEPT OFF FLOOR TO BEAR DIRECTLY ON BOTTOM CHORD AT LOCATIONS NOTED.

NOTE:
SEE SHEET S-3 FOR BRACKETED WALL PANEL LOCATIONS

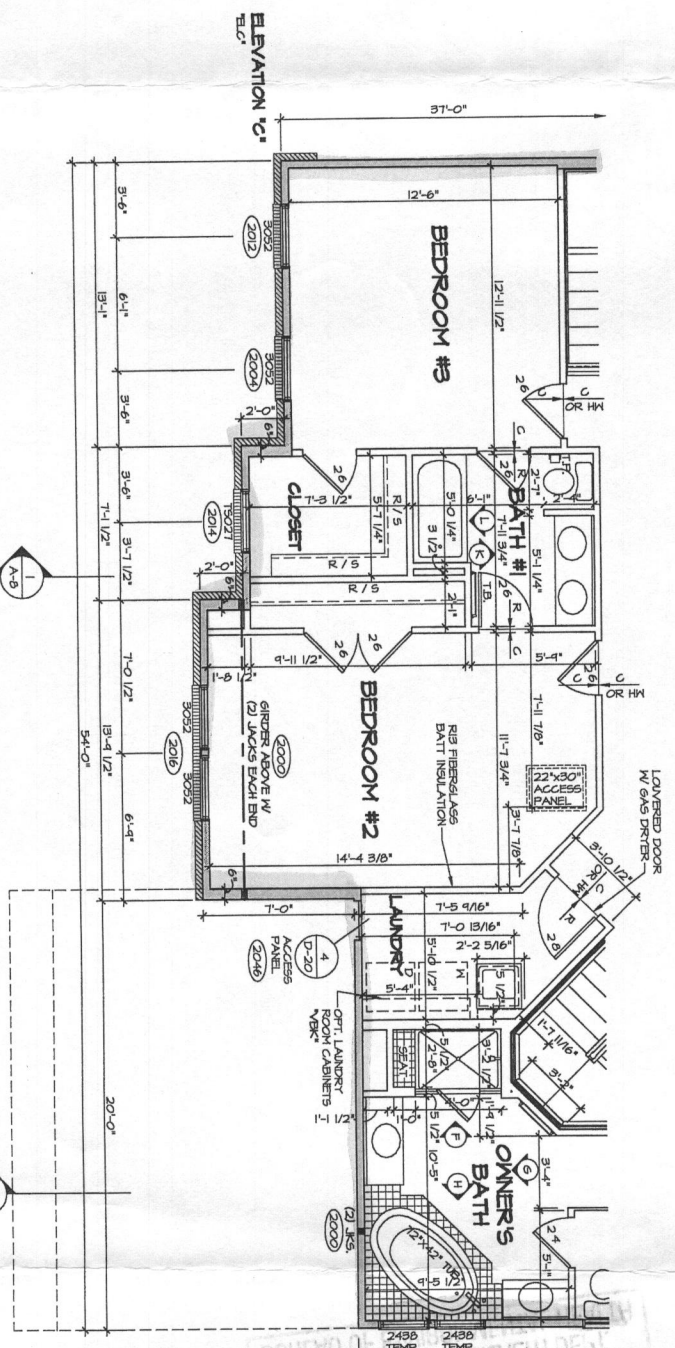
NOTE:
SEE SHEET D-12 FOR CHAIRFASTEN NAIL DETAILS

Handwritten: OK 8/15/2016
4 Rooms

SHEET NO. A-7	MODEL CHAPEL HILL II	SET NO. 00b01	<p>NVR, Inc. Architectural Services 21 Bya Court, Suite A Frederick, MD 21702</p>	DATE 7/29/13	<table border="1"> <thead> <tr> <th>REV. NO.</th> <th>DATE</th> <th>REMARKS</th> </tr> </thead> <tbody> <tr> <td>11</td> <td>4/20/16</td> <td>585 - PAR #34021 - ADDED HEIGHT TO STAIR WINDERS</td> </tr> <tr> <td>12</td> <td>12/17/14</td> <td>11R - REMOVED BULKHEAD NOTE AT FAMILY ROOM OVERLOOK</td> </tr> <tr> <td>13</td> <td>1/22/15</td> <td>5M1 - REVISED COLUMN / BEAM WITH OPTION 'M1' PAR 30464</td> </tr> <tr> <td>14</td> <td>2/23/15</td> <td>5M1 - REVISED TOILET AREA IN BATH #1 TO BE 2'-1" PER CODE (PAR 31895)</td> </tr> <tr> <td>15</td> <td>6/25/15</td> <td>5EA - REMOVED INVERTED HEADER NOTE (PERMIT RESPONSE)</td> </tr> <tr> <td>16</td> <td>12/1/15</td> <td>5L5 - REVISED A 2052 AND 3052 IN STAIRWELL TO TEMP. (PAR ID 36647)</td> </tr> <tr> <td>17</td> <td>1/11/16</td> <td>5VB - ADDED INSULATION NOTE TO THE WALL BETWEEN BEDROOM AND LAUNDRY</td> </tr> <tr> <td>18</td> <td>1/26/16</td> <td>585 - PAR #37303 - UPDATED HANDRAILS TO MATCH STAIR FLANS</td> </tr> <tr> <td>19</td> <td>2/4/16</td> <td>5L5 - MOVED/REV. HEADER NOTE FOR OWN. BDRM. TO 4'-0" EXT. (PAR ID 37945)</td> </tr> </tbody> </table>	REV. NO.	DATE	REMARKS	11	4/20/16	585 - PAR #34021 - ADDED HEIGHT TO STAIR WINDERS	12	12/17/14	11R - REMOVED BULKHEAD NOTE AT FAMILY ROOM OVERLOOK	13	1/22/15	5M1 - REVISED COLUMN / BEAM WITH OPTION 'M1' PAR 30464	14	2/23/15	5M1 - REVISED TOILET AREA IN BATH #1 TO BE 2'-1" PER CODE (PAR 31895)	15	6/25/15	5EA - REMOVED INVERTED HEADER NOTE (PERMIT RESPONSE)	16	12/1/15	5L5 - REVISED A 2052 AND 3052 IN STAIRWELL TO TEMP. (PAR ID 36647)	17	1/11/16	5VB - ADDED INSULATION NOTE TO THE WALL BETWEEN BEDROOM AND LAUNDRY	18	1/26/16	585 - PAR #37303 - UPDATED HANDRAILS TO MATCH STAIR FLANS	19	2/4/16	5L5 - MOVED/REV. HEADER NOTE FOR OWN. BDRM. TO 4'-0" EXT. (PAR ID 37945)
	REV. NO.	DATE		REMARKS																															
11	4/20/16	585 - PAR #34021 - ADDED HEIGHT TO STAIR WINDERS																																	
12	12/17/14	11R - REMOVED BULKHEAD NOTE AT FAMILY ROOM OVERLOOK																																	
13	1/22/15	5M1 - REVISED COLUMN / BEAM WITH OPTION 'M1' PAR 30464																																	
14	2/23/15	5M1 - REVISED TOILET AREA IN BATH #1 TO BE 2'-1" PER CODE (PAR 31895)																																	
15	6/25/15	5EA - REMOVED INVERTED HEADER NOTE (PERMIT RESPONSE)																																	
16	12/1/15	5L5 - REVISED A 2052 AND 3052 IN STAIRWELL TO TEMP. (PAR ID 36647)																																	
17	1/11/16	5VB - ADDED INSULATION NOTE TO THE WALL BETWEEN BEDROOM AND LAUNDRY																																	
18	1/26/16	585 - PAR #37303 - UPDATED HANDRAILS TO MATCH STAIR FLANS																																	
19	2/4/16	5L5 - MOVED/REV. HEADER NOTE FOR OWN. BDRM. TO 4'-0" EXT. (PAR ID 37945)																																	
OPTION DESCRIPTION SECOND FLOOR PLAN	DRAWN BY SMW	VERSION 02	DATE 7/29/13																																



1 SECOND FLOOR PLAN
SCALE: 1/4" = 1'-0"
ELEVATION 'B' TYP



2 SECOND FLOOR PLAN
SCALE: 1/4" = 1'-0"
ELEVATION 'C' TYP

BUREAU OF RECORDS
RECEIVED
8/15/2016

- NOTES:**
1. ALL HEADERS ARE (2) 2x6, UNLESS OTHERWISE NOTED.
 2. ALL EXTERIOR WALLS ARE 4" UNLESS OTHERWISE NOTED.
 3. HATCHED AREAS INDICATE DROPPED CEILING.
 4. UNLESS OTHERWISE NOTED, WAGERS ALWAYS ON THE LEFT SIDE OF WALL (AS SHOWN IN THE PLAN).
 5. JACKS MUST EXTEND THROUGH TOP PLATE OF WALL TO BEAR ON GIRDERS OR TRUSSES AT LOCATIONS NOTED.

NOTE:
SEE SHEET S-5 FOR BRACKET WALL PANEL LOCATIONS

NOTE:
SEE SHEET D-126 FOR GRANITE TRIM DETAILS

SHEET NO. A-7b	MODEL CHAPEL HILL II	SET NO. 10900	 NVR, Inc. Architectural Services Architects 21 Byrd Court, Suite A Frederick, MD 21702	REV. NO.	DATE	REMARKS
	DRAWING TITLE SECOND FLOOR PLAN PARTIALS	VERSION 02		DRAWN BY SMW	10	1/1/16
OPTION DESCRIPTION ELEVATION 'B' ELEVATION 'C'	DATE: 7/24/13	DATE: 7/24/13	ELB ELC	11	1/26/16	SBS - PAR #31303 - UPDATED HANDRAILS TO MATCH STAIR PLANS
26				3	4/16/14	CSB - TUB / SHOWER PROJECT REVISIONS
				4	9/18/14	CVB - CHANGED PAGE NUMBER
				5	9/23/14	LLR - REVISED LAUNDRY COUNTERTOP (PAR #21358)
				6	10/16/14	MBT - ADDED ACCESS PANEL (PAR ID: 28217)
				7	10/20/14	S6A - 2x4 MALL CONVERSION, REVISED LAUNDRY RM. COUNTERTOP PER DMR # 865
				8	10/22/14	CHB - REVISED LAUNDRY AND BEDROOM #2 HALL (PAR #28410)
				9	2/23/15	BH1 - REVISED TOILET AREA IN BATH #1 TO BE 2'-1" PER CODE (PAR #1195)