



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.: B16001421

Building Address: 5011 Altogether Way
City: Clarksille State: MD Zip Code: 21029
Suite/Apt.# _____ SDP/WP/BA #: GP 15-081
Census Tract: _____ Subdivision: Greenberry
Section: _____ Area: _____ Lot: 22
Tax Map: _____ Parcel: _____ Grid: _____
Zoning: _____ Map Coordinates: _____ Lot Size: _____

Existing Use: Vacant lot
Proposed Use: Single family house
Estimated Construction Cost: \$ 250,000
Description of Work: New 2 story "Clifton Park II" with Bl. C, 3 car garage, morning room, sitting area, and finished lower level
Occupant or Tenant: _____

Was tenant space previously occupied? Yes No
Contact Name: _____
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 checked="" type="checkbox"/> Finished Basement
Use group:	<input type="checkbox"/> Unfinished Basement
	<input type="checkbox"/> Crawl Space
Construction type:	<input type="checkbox"/> Slab on Grade
<input type="checkbox"/> Reinforced Concrete	No. of Bedrooms: <u>4</u>
<input type="checkbox"/> Structural Steel	Multi-family Dwelling
<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

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 5522
City: Woodbine State: MD Zip Code: 21779
Phone: 443-309-7792 Fax: _____
Email: Jim@DecaturBuildingServices.com

Contractor Company: NV Homes
Contact Person: Ryan Johnson
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: _____

Utilities	
Water Supply	
<input 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 type="checkbox"/> Yes <input type="checkbox"/> No	
Grading Permit Number: <u>G15000287</u>	
Building Shell Permit Number: _____	

RECEIVED
APR 23 2016
LICENSES & PERMITS
DIVISION

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 CC 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 DESCRIBE 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
4/5/2016
Date

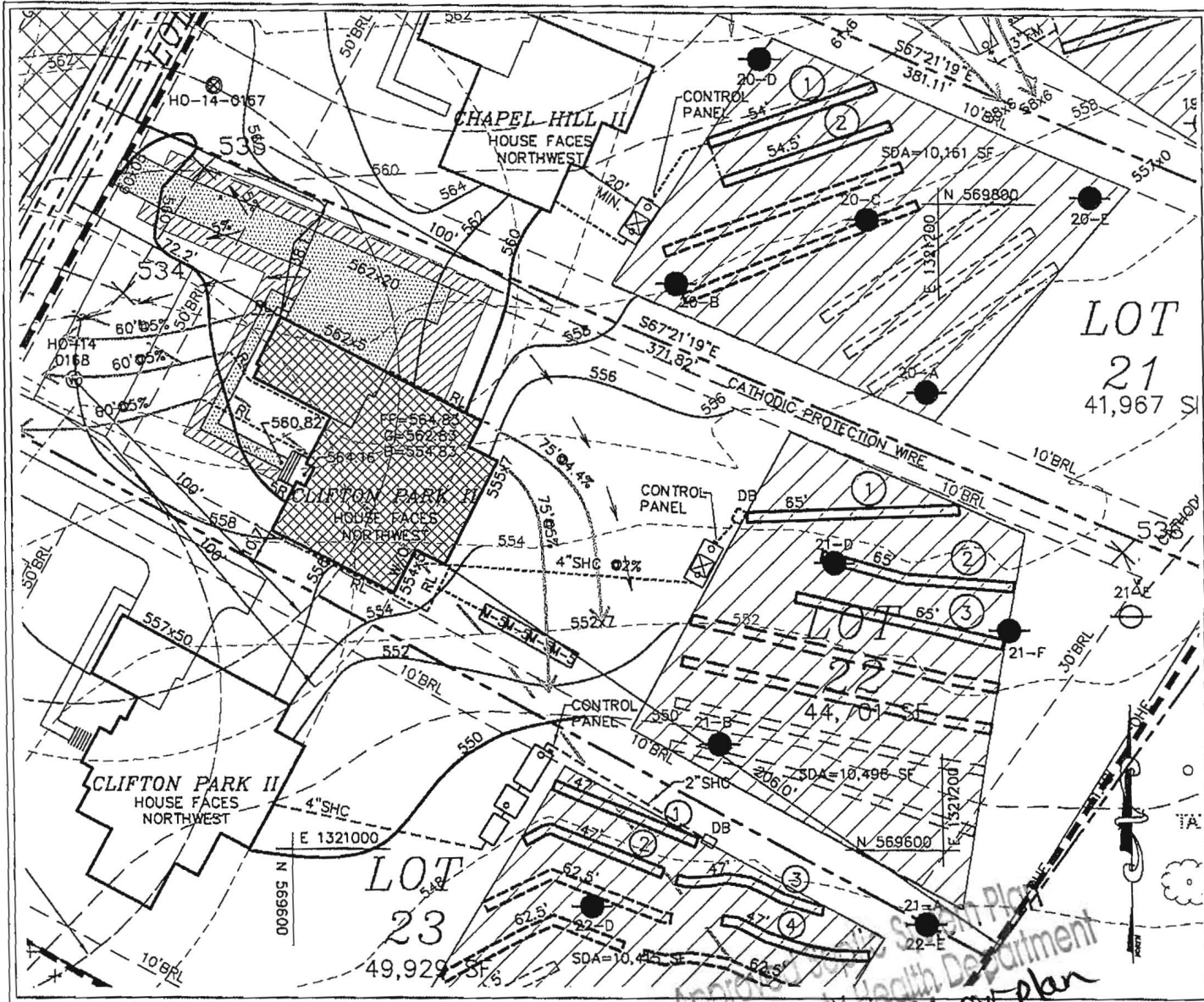
Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY
PLEASE WRITE NEATLY & LEGIBLY
FOR OFFICE USE ONLY

AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
Building Officials		
PSZA (Zoning)		
PSZA (Engineering)		
Health	<u>5/3/16</u>	<u>[Signature]</u>

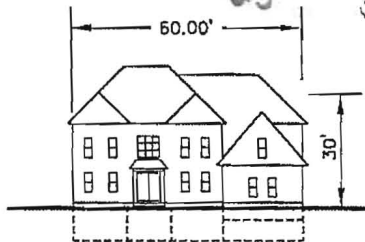
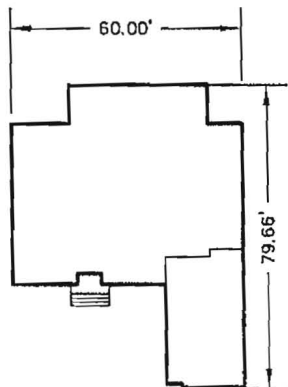
Is Sediment Control approval required for issuance? Yes No
 CONTINGENCY CONSTRUCTION START

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>100⁰⁰</u>
Permit Fee	\$ <u>100⁰⁰</u>
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$ <u>50⁰⁰</u>
Add'l per Fee	\$
Total Fees	\$
Sub-Total Paid	\$
Balance Due	\$
Check	# <u>917672</u>



Approved by Health Department
 Howard County Health Department
 5-bedroom floor plan
 for SFD on Lot 22
 Greenberry
 R. Buick
 Signature
 5/3/2016
 Date
 5011 Altogether Way
 BL001421



CLIFTON PARK II

ELEVATION C

PLOT PLAN (SITE SPECIFIC)
 GREENBERRY
 LOT 22

FIFTH ELECTION DISTRICT

HOWARD COUNTY, MARYLAND

SCALE: 1"=50'

DRAWN BY: MMM

DATE: MAR. 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.

CLIFTON PARK II

LOT 22
5 RFRooms

B16001421

OK
reb
8/3/2016



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

	FULL BASEMENT						CRAWL SPACE						ATTACHED GARAGES		OPTIONAL ROOMS			DETAILS STANDARD			
	STD. DWGS.	ELEV. "A"	ELEV. "B"	ELEV. "C"	ELEV. "D"	ELEV. "L"	STD. DWGS.	ELEV. "A"	ELEV. "B"	ELEV. "C"	ELEV. "D"	ELEV. "K"	ELEV. "L"	THREE CAR SIDE ENTRY	TWO CAR SIDE ATTACHED	CONSERVATORY	SUITE FIRST FLOOR		MORNING ROOM	BONUS ROOM	
NOTE SHEET	2						2														D-1
FRONT ELEVATIONS - SIDING		3						3													D-2
FRONT ELEVATIONS - BRICK		4		7	8			4		7	8										D-3
FRONT ELEVATIONS - SIDING/STONE		5	6		9	10,1	10,2		5	6		9	10,1	10,2							D-4
RIGHT SIDE ELEVATIONS - SIDING OR SIDING/STONE		11	13	14	16	18,1	18,2		11	13	14	16	18,1	18,2							D-5
RIGHT SIDE ELEVATIONS - BRICK		12		15	17				12		15	17									D-5a
LEFT SIDE ELEVATIONS - SIDING OR SIDING/STONE		19	21	22	24	26,1	26,2		19	21	22	24	26,1	26,2							D-6
LEFT SIDE ELEVATIONS - BRICK		20		23	25				20		23	25									D-7
REAR ELEVATIONS - SIDING		27	29	30	32	34,1	34,2		27	29	30	32	34,1	34,2							D-8c
REAR ELEVATIONS - BRICK		28		31	33				28		31	33									D-11
FOUNDATION		35	36	37,1	37,2	37,1	41,2		39	40	40	41,1	41,1	41,2	38	42	38	42	38	42	D-12
HOLD DOWN DETAILS		43							43												D-12b
PLUMBING GROUND WORKS		44							45												D-12c
BASEMENT PLAN		46,1	46,1	46,2	46,2	46,3	46,3														D-13
FIRST FLOOR PLAN		47	48	48	49,1	49,1	49,2		47	48	48	49,1	49,1	49,2							D-14
FIRST FLOOR PLAN PARTIALS		50							50						50	53					D-15
SECOND FLOOR PLAN		54	56	56	56	56	56		54	56	56	56	56	56				55			D-15a
SECOND FLOOR PLAN PARTIALS		57							57												D-16
BUILDING SECTION AT FOYER		58							58												D-16a
BUILDING SECTION AT GARAGE		60							60						60	61					D-17
STAIR SECTION (FRONT STAIR) - STANDARD		62	63						62	63											D-17a
STAIR SECTION (FRONT STAIR) - UPGRADE		64	65						64	65											D-18c
STAIR SECTION (FRONT STAIR) - UPGRADE w/ METAL		66, 67,1							66, 67,1												D-20
STAIR SECTION (FRONT STAIR) - UPGRADE w/ CRAFTSMAN		67,2, 67,3							67,2, 67,3												D-21
STAIR SECTION (REAR STAIR) - STANDARD		68							68												D-22
STAIR SECTION (REAR STAIR) - UPGRADE		69,1							69,1												D-22a
STAIR SECTION (REAR STAIR) - UPGRADE w/ CRAFTSMAN		69,2							69,2												D-27
KITCHEN PLANS - CABINET HOOD "B"		70							70								71				D-28
KITCHEN PLANS - CABINET HOOD "C"		72							72								73				D-28a
KITCHEN PLANS - GOURMET		74							74								75				D-29
KITCHEN PLANS - ISLANDS		76							76												D-30
NET BAR, LAUNDRY, CHARGING CENTER		77,1,2							77,1,2												D-34
INTERIOR DETAILS - BATH ELEVATIONS		78							78												D-35
INTERIOR DETAILS - COLUMNS / BULKHEAD		79							79												D-36
INTERIOR DETAILS - FOYER AND FAMILY ROOM WINDOWS		80	80	80	80	80	81		80	80	80	80	80	81							D-37
INTERIOR DETAILS - FIREPLACE DETAILS		82							82												D-40
INTERIOR DETAILS - FIREPLACE DETAILS w/ BONUS RM.		83							83												D-40a
INTERIOR MISC. DETAILS		84							84												D-44
EXTERIOR ELEVATION DETAILS				85	85	86,1	86,2				85	85	86,1	86,2							D-45
EXTERIOR MISC. DETAILS		87							87												
BASEMENT ELECTRICAL		88,1	88,1	88,2	88,2	88,3	88,3														MB-1
FIRST FLOOR ELECTRICAL		89	90	90	91,1	91,1	91,2		89	90	90	91,1	91,1	91,2							MB-2
FIRST FLOOR ELECTRICAL PARTIALS		92							92						92	95					
SECOND FLOOR ELECTRICAL		96	98	98	98	98	98		96	98	98	98	98	98				97			F-1
SECOND FLOOR ELECTRICAL PARTIALS		99							99												
FIRST FLOOR JOIST LAYOUT		100	101	101	102	102	102		103	104	104	105	105	105							SP-1
SECOND FLOOR JOIST LAYOUT		106	108	108	109	109	109		106	108	108	109	109	109							SP-2
ROOF FRAMING		110	111	112	113	114,1	114,2		110	111	112	113	114,1	114,2	115	116	117,1,2				
TRUSS BRACINGS		119							119												SEP-1
BRACED WALL		121					120,2		121												SEP-2
ROOF VENTILATION		123	124	125	126	127,1	127,2		123	124	125	126	127,1	127,2							SEP-3
BASEMENT HVAC PLAN		128,1							128,1												SEP-4
CRAWL SPACE HVAC PLAN		128,2							129												
FIRST FLOOR HVAC PLAN		130							131												
SECOND FLOOR HVAC PLAN		131							132												

BASE SQUARE FOOTAGE

FIRST FLOOR	GROSS SQ. FT.	2480
SECOND FLOOR	GROSS SQ. FT.	1487
HOUSE TOTAL	GROSS SQ. FT.	4467

ELEVATIONS SQ. FT.

ELEVATION "A"	GROSS SQ. FT.	+0
ELEVATION "B"	GROSS SQ. FT.	+20
ELEVATION "C"	GROSS SQ. FT.	+120
ELEVATION "D"	GROSS SQ. FT.	+219
ELEVATION "K"	GROSS SQ. FT.	+32
ELEVATION "L"	GROSS SQ. FT.	-146

ADDITIONAL SQ. FT.

MORNING ROOM	GROSS SQ. FT.	+160
CONSERVATORY OR SUITE FIRST FLOOR	GROSS SQ. FT.	+352
SIDE ATTACHED GARAGE	GROSS SQ. FT.	+137
SIDE ATTACHED GARAGE w/ FAMILY OFFICE	GROSS SQ. FT.	+233
5TH BEDROOM LAYOUT	GROSS SQ. FT.	+352
SITTING AREA	GROSS SQ. FT.	+165
BONUS ROOM / BEDROOM	GROSS SQ. FT.	+348
2ND FLOOR LAUNDRY		
- ELEVATION "A"	GROSS SQ. FT.	+105
- ELEVATION "B"	GROSS SQ. FT.	+125
- ELEVATION "C"	GROSS SQ. FT.	+123
- ELEVATION "D"	GROSS SQ. FT.	+141
- ELEVATION "K"	GROSS SQ. FT.	+82
- ELEVATION "L"	GROSS SQ. FT.	+82

MAXIMUM FINISHED SQ. FT.

HOUSE TOTAL	GROSS SQ. FT.	6344
**MAXIMUM SQ. FT. DOES NOT INCLUDE BASEMENT		

FINISHED BASEMENT SQ. FT.

RECREATION ROOM	GROSS SQ. FT.	+1244
MEDIA ROOM	GROSS SQ. FT.	+317
HOME OFFICE	GROSS SQ. FT.	+233
BASEMENT BATH	GROSS SQ. FT.	+68
BASEMENT CLOSET	GROSS SQ. FT.	+44
EXERCISE ROOM	GROSS SQ. FT.	+219

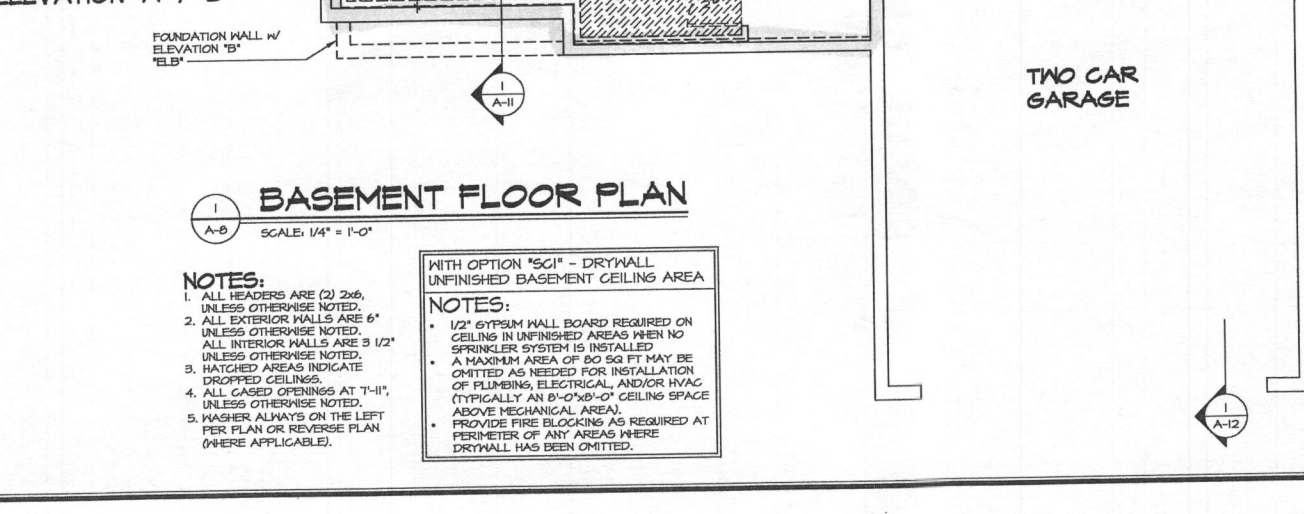
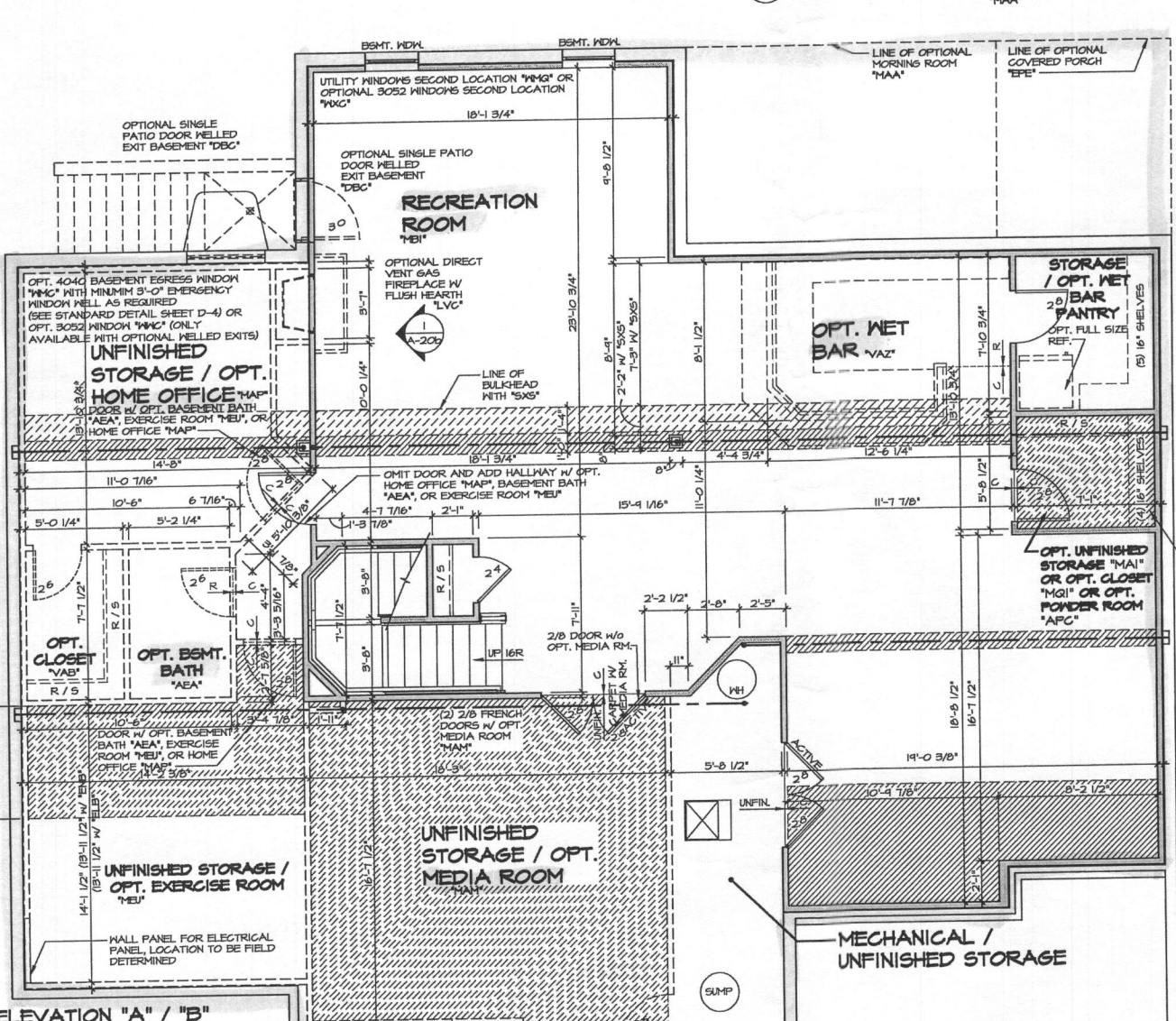
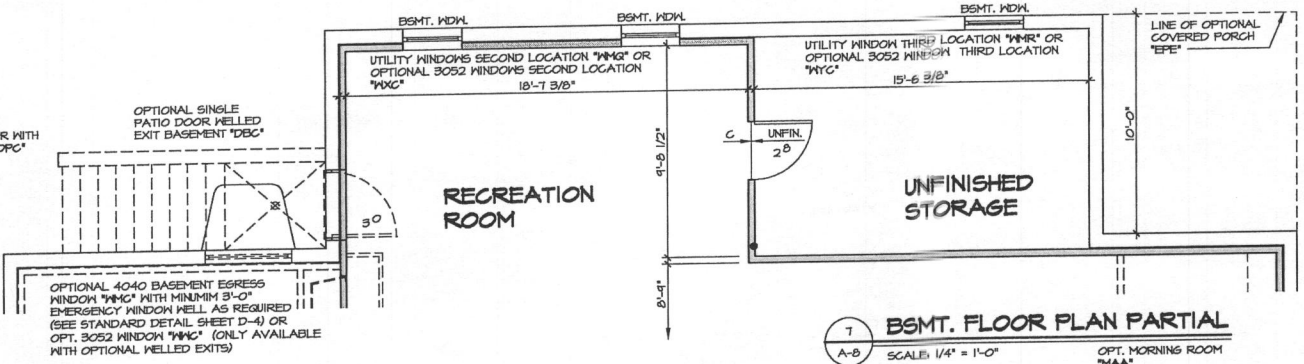
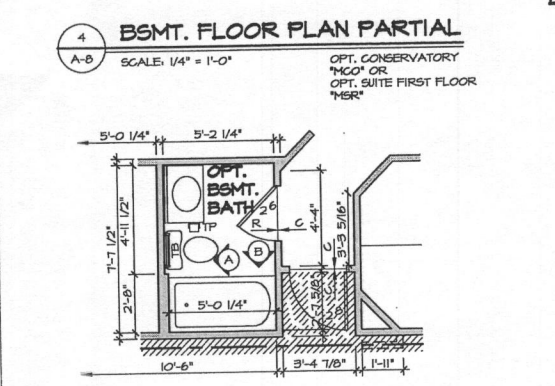
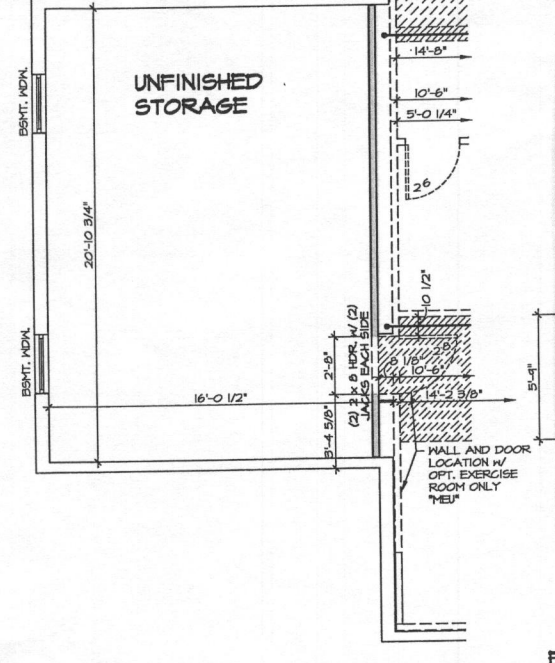
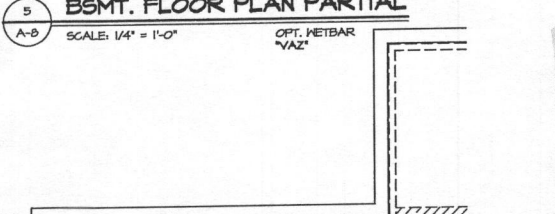
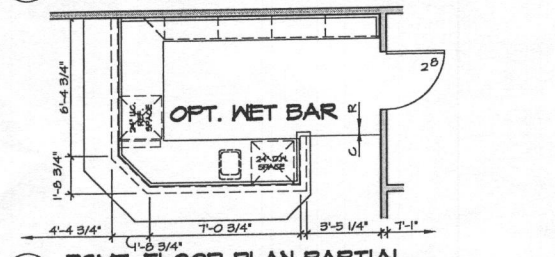
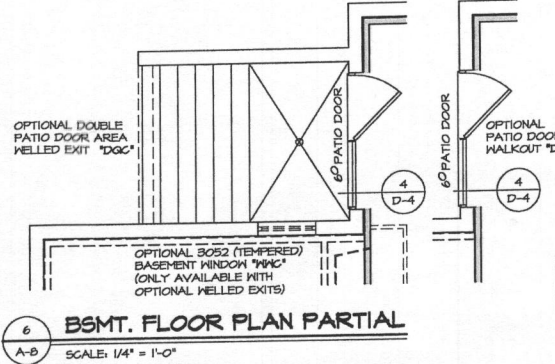
FOOTPRINT

BASE HOUSE:	
WIDTH:	60'-4"
DEPTH:	68'-4"
MAXIMUM:	
WIDTH:	110'-8"
DEPTH:	78'-8"

SET - VERSION

10300-01

CS-1



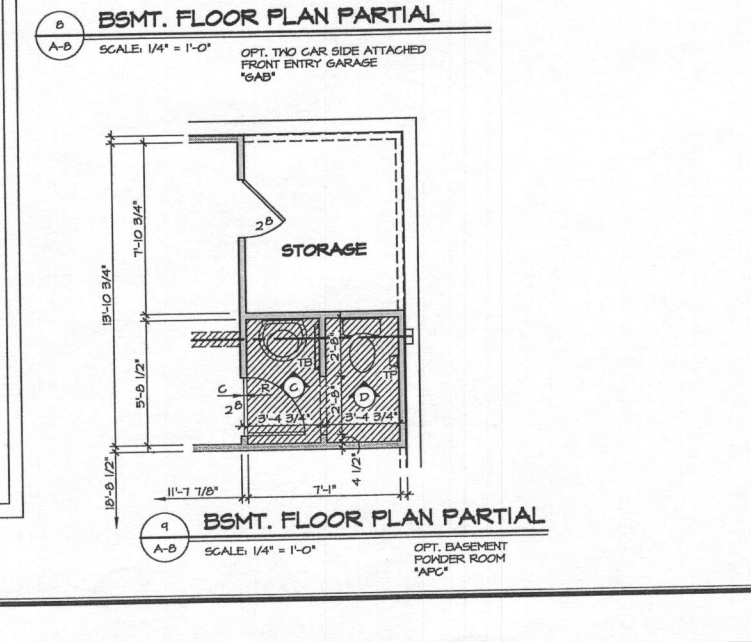
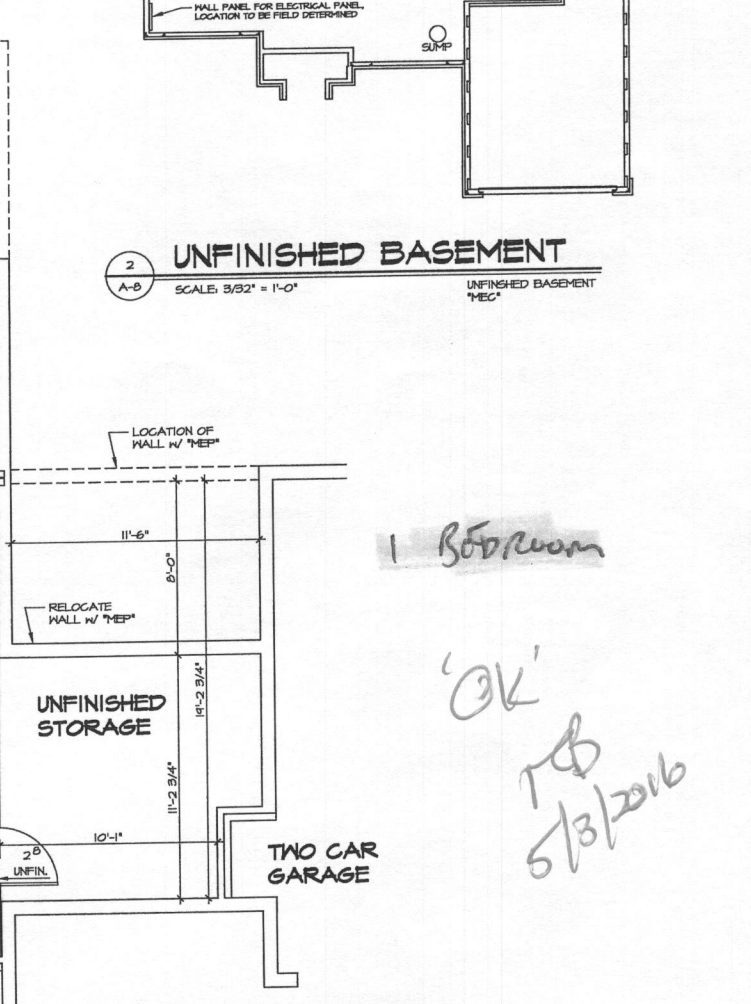
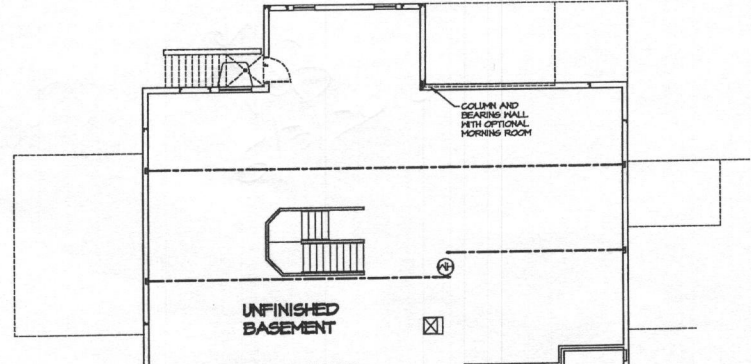
NOTES:

1. ALL HEADERS ARE (2) 2x6, UNLESS OTHERWISE NOTED.
2. ALL EXTERIOR WALLS ARE 6" UNLESS OTHERWISE NOTED.
3. ALL INTERIOR WALLS ARE 5 1/2" UNLESS OTHERWISE NOTED.
4. HATCHED AREAS INDICATE DROPPED CEILINGS.
5. ALL CASED OPENINGS AT T-11, UNLESS OTHERWISE NOTED.
6. WASHER ALWAYS ON THE LEFT PER PLAN OR REVERSE PLAN (WHERE APPLICABLE).

WITH OPTION 'SG1' - DRYWALL UNFINISHED BASEMENT CEILING AREA

NOTES:

- 1/2" GYPSUM WALL BOARD REQUIRED ON CEILING IN UNFINISHED AREAS WHEN NO SPRINKLER SYSTEM IS INSTALLED.
- A MAXIMUM AREA OF 80 SQ FT MAY BE OMITTED AS NEEDED FOR INSTALLATION OF PLUMBING, ELECTRICAL, AND/OR HVAC ABOVE MECHANICAL AREA.
- PROVIDE FIRE BLOCKING AS REQUIRED AT PERIMETER OF ANY AREAS WHERE DRYWALL HAS BEEN OMITTED.



1 Bedroom

'OK'

TB

5/3/2016

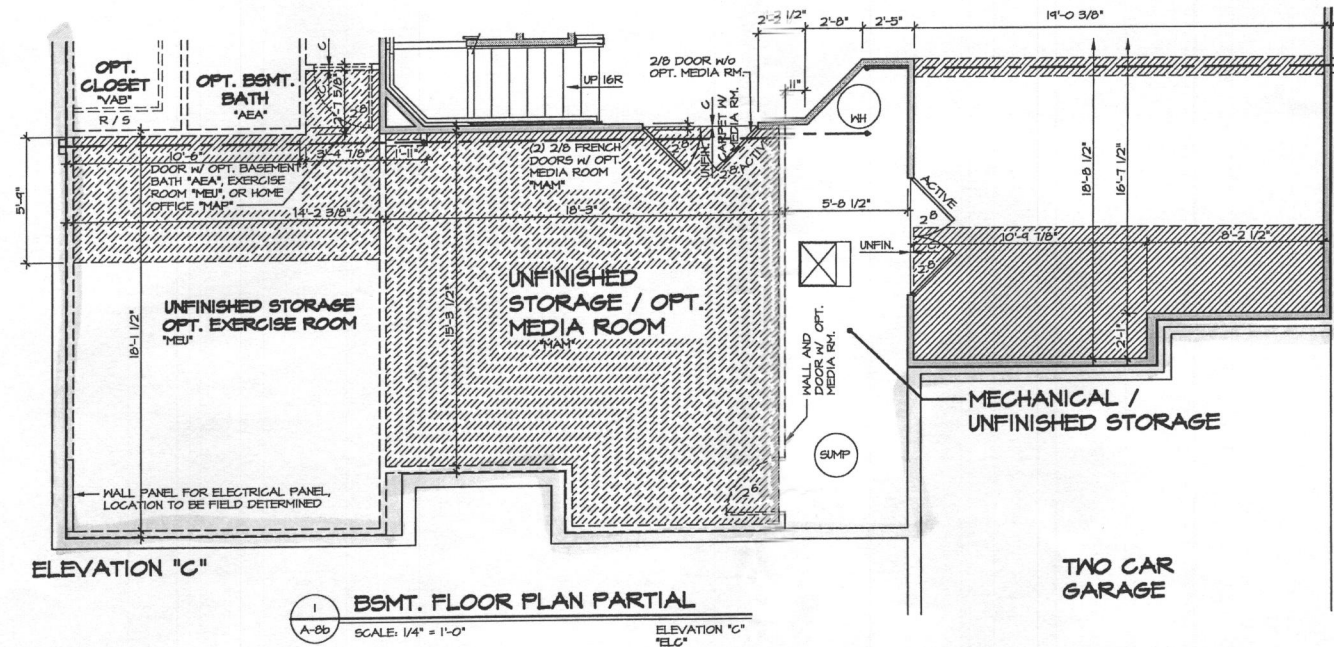
REV. NO.	DATE	REMARKS
1	10/21/14	CEL - REVISED GRAPHICAL ERROR
2	11/25/14	156A - AUDIT REVISIONS
3	12/07/14	156A - ADDED THE MORGES OR TO (B) OPTIONS AT POWDER ROOM PAR. 28966
4	3/27/14	156B - AUDIT RNY-SX-COIL
5	4/28/14	156B - TUB CONVERSION
6	4/28/14	156B - ADDED 'SG1' NOTE
7	5/20/14	156B - ADDED 'SG1' BULKHEAD
8	6/20/14	156B - REPLACED (7) LBS AT MORNING ROOM W/ COLON (PAR. 024834)
9	6/20/14	156B - TURNED ON LAYERS THAT SHOW DOOR SIZE AND DIMENSIONS

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NVR
 NVR, Inc. services
 Architectural
 21 Byes Court, Suite A
 Frederick, MD 21702

SET NO. 10500
 VERSION 01
 DRAWN BY A/J
 DATE: 1/10/15
 OPTION
 FBA

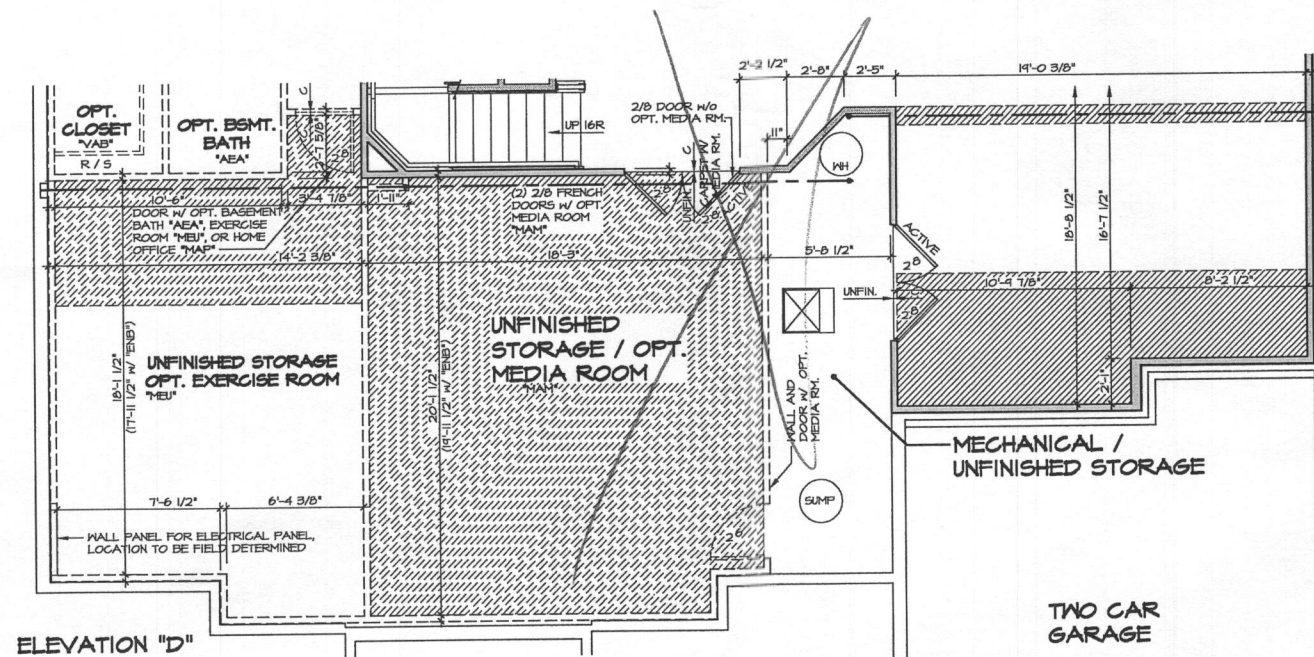
CLIFTON PARK II
 BASEMENT PLAN
 FULL BASEMENT
 46.1



1 BSMT. FLOOR PLAN PARTIAL
A-BB SCALE: 1/4" = 1'-0" ELEVATION "C"
ELC

OK
FEB
5/3/2016

NOTE:
FOR ADDITIONAL BASEMENT INFORMATION AND AVAILABLE OPTIONS, SEE SHEET A-8



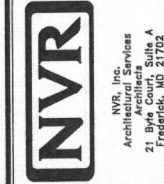
2 BSMT. FLOOR PLAN PARTIAL
A-BB SCALE: 1/4" = 1'-0" ELEVATION "D"
ELD

NOTES:
ALL HEADERS ARE (2) 2x6, UNLESS OTHERWISE NOTED.
ALL EXTERIOR WALLS ARE 6" UNLESS OTHERWISE NOTED.
ALL INTERIOR WALLS ARE 3 1/2" UNLESS OTHERWISE NOTED.
HATCHED AREAS INDICATE DROPPED CEILINGS.
ALL CASED OPENINGS AT T-11, UNLESS OTHERWISE NOTED.
5. WASHER ALWAYS ON THE LEFT PER PLAN OR REVERSE PLAN (WHERE APPLICABLE).

WITH OPTION "SC1" - DRYWALL UNFINISHED BASEMENT CEILING AREA
NOTES:
• 1/2" GYPSUM WALL BOARD REQUIRED ON CEILING IN UNFINISHED AREAS WHEN NO SPRINKLER SYSTEM IS INSTALLED
• A MAXIMUM AREA OF 80 SQ FT MAY BE OMITTED AS NEEDED FOR INSTALLATION OF PLUMBING, ELECTRICAL, AND/OR HVAC (TYPICALLY AN 8'-0" x 8'-0" CEILING SPACE ABOVE MECHANICAL AREA).
• PROVIDE FIRE BLOCKING AS REQUIRED AT PERIMETER OF ANY AREAS WHERE DRYWALL HAS BEEN OMITTED.

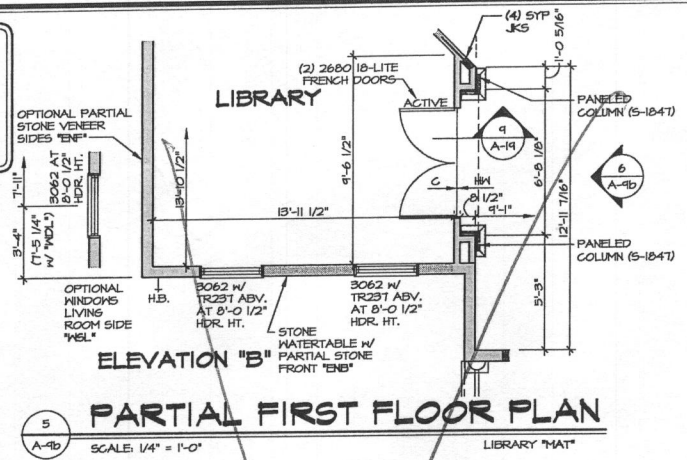
REV. NO.	DATE	REMARKS
1	4/29/14	DRB - ADDED 'SC1' NOTE
2	5/8/14	SSB - MOVED 'ELC' TO NEXT PAGE
3	11/25/14	SSA - AUDIT REVISIONS

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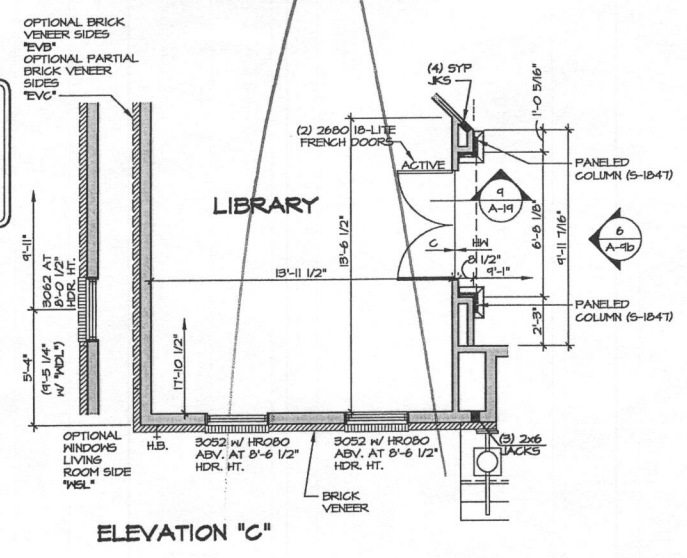
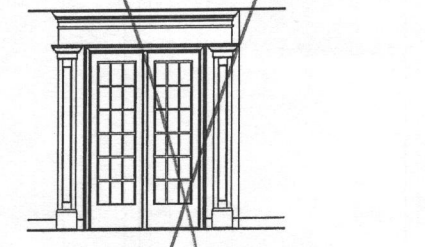


SHEET NO.	MODEL	SET NO.	VERSION	DATE	DATE
A-8b	CLIFTON PARK II	10500	01	4/7/14	4/7/14
46.2	DRAWING TITLE				
	BASEMENT PARTIAL PLANS				
	OPTION DESCRIPTION				
	FULL BASEMENT				
	ELEVATION "C"				
	ELEVATION "D"				

NOTE:
FOR OPTIONAL BAY WINDOW LIVING ROOM SIDE "MDL" INFORMATION, SEE SHEET A-4
FOR OPTIONAL BOOKCASE "MST" INFORMATION, SEE SHEET A-9C



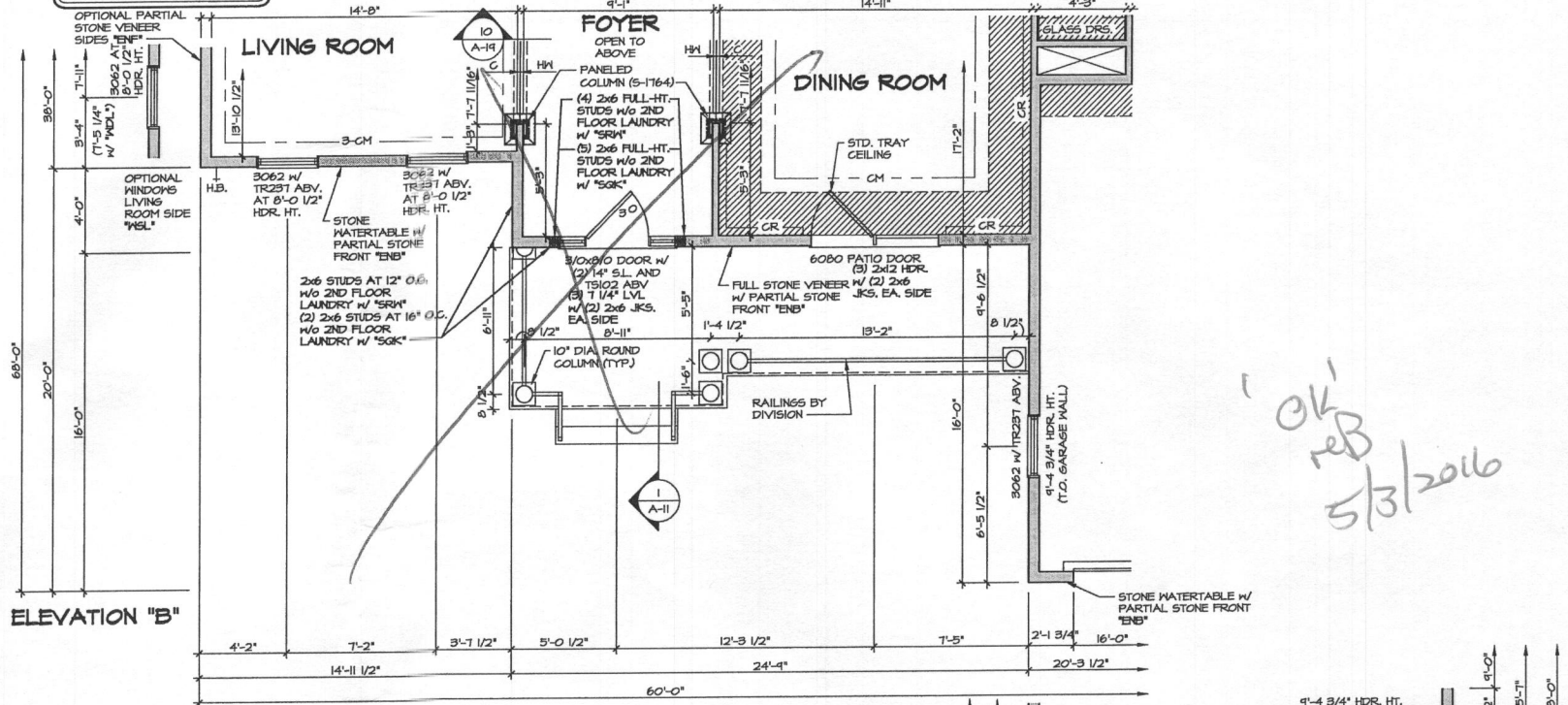
PARTIAL FIRST FLOOR PLAN



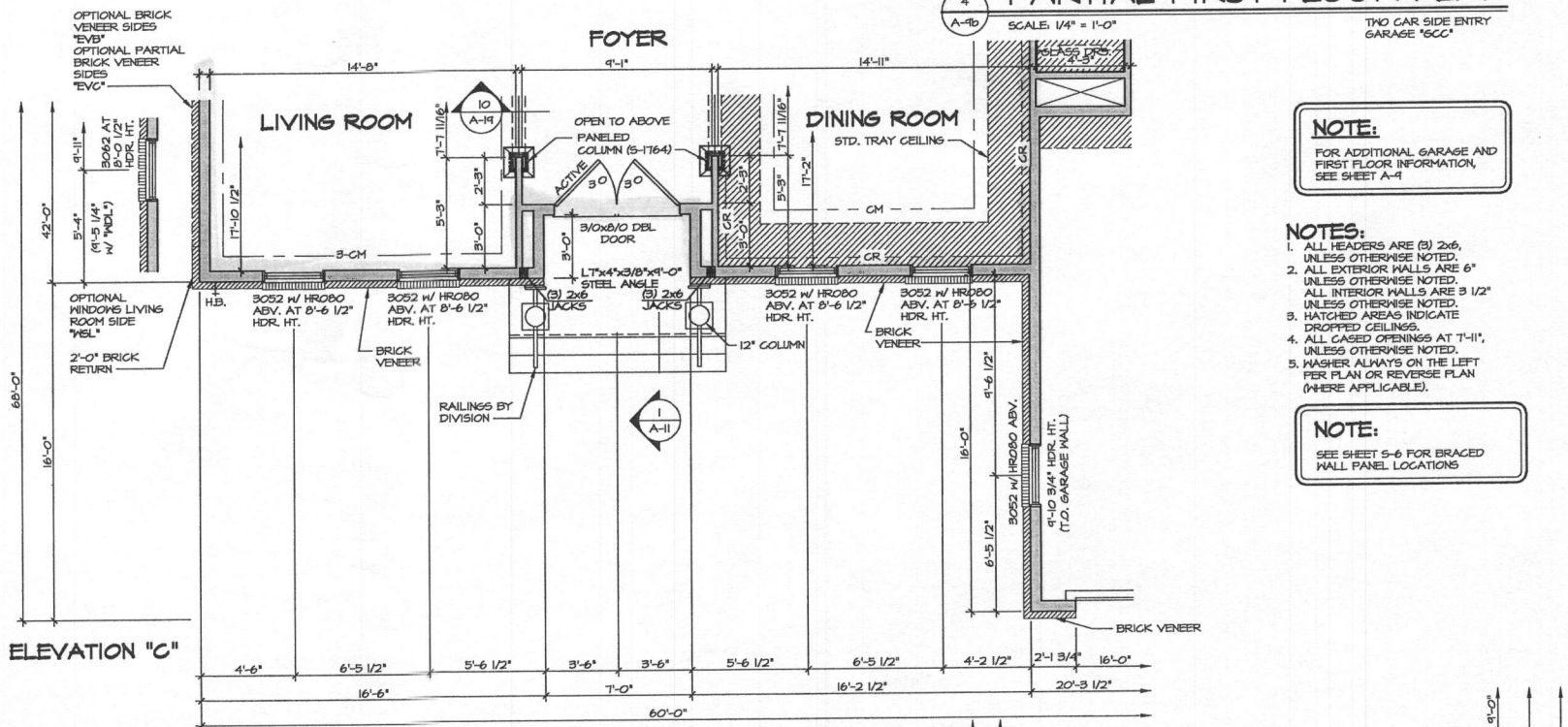
PARTIAL FIRST FLOOR PLAN

NOTE:
FOR OPTIONAL BAY WINDOW LIVING ROOM SIDE "MDL" INFORMATION, SEE SHEET A-4
FOR OPTIONAL BOOKCASE "MST" INFORMATION, SEE SHEET A-9C

NOTE:
FOR OPTIONAL BAY WINDOW LIVING ROOM SIDE "MDL" INFORMATION, SEE SHEET A-4



NOTE:
FOR OPTIONAL BAY WINDOW LIVING ROOM SIDE "MDL" INFORMATION, SEE SHEET A-4



PARTIAL FIRST FLOOR PLAN



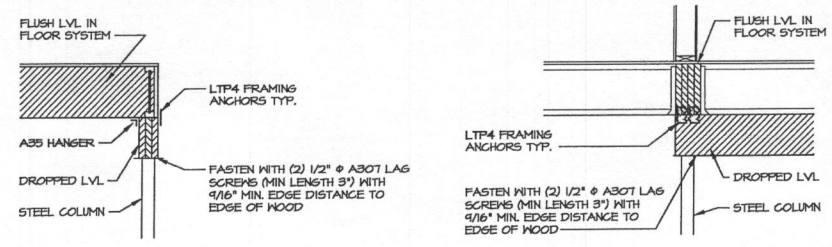
NOTE:
FOR ADDITIONAL GARAGE AND FIRST FLOOR INFORMATION, SEE SHEET A-4

- NOTES:**
- ALL HEADERS ARE (S) 2x6, UNLESS OTHERWISE NOTED.
 - ALL EXTERIOR WALLS ARE 6" UNLESS OTHERWISE NOTED. ALL INTERIOR WALLS ARE 3 1/2" UNLESS OTHERWISE NOTED.
 - HATCHED AREAS INDICATE DROPPED CEILINGS.
 - ALL CASED OPENINGS AT 7'-11", UNLESS OTHERWISE NOTED.
 - WASHER ALWAYS ON THE LEFT PER PLAN OR REVERSE PLAN (WHERE APPLICABLE).

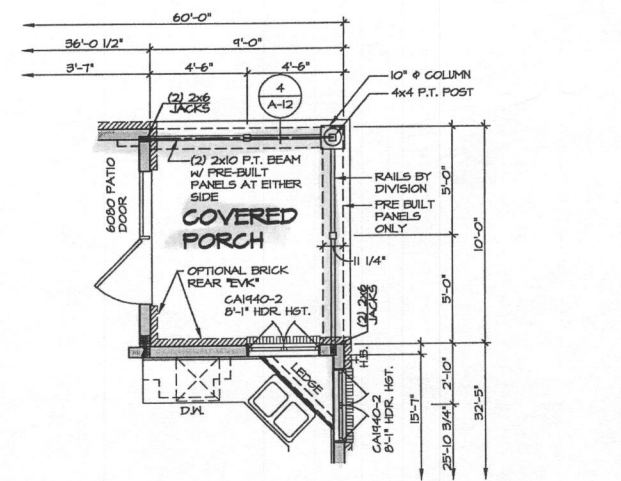
NOTE:
SEE SHEET S-6 FOR BRACED WALL PANEL LOCATIONS

OK
reB
5/3/2016

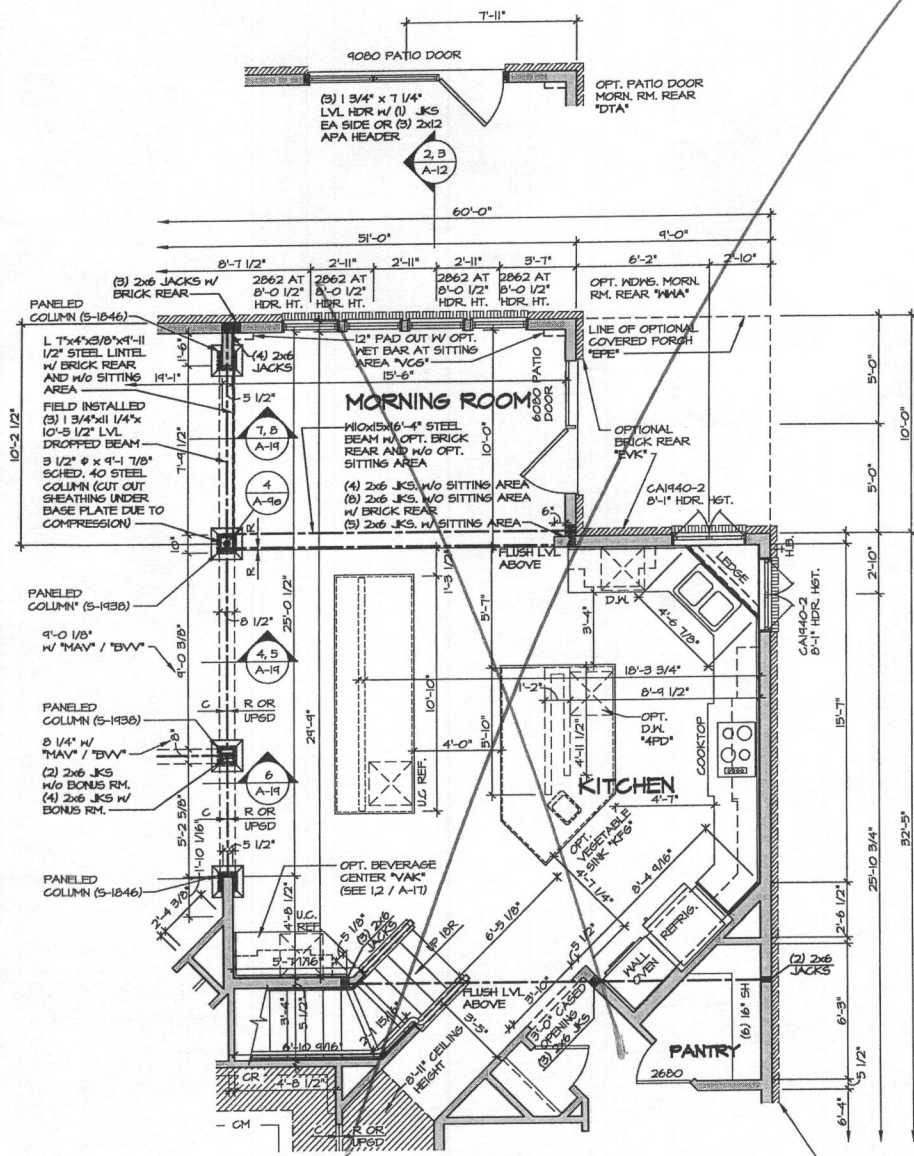
SHEET NO. A-9b	MODEL CLIFTON PARK II	SET NO. LC800	DATE 12/2/12	REVISIONS
	DRAWING TITLE FIRST FLOOR PARTIAL PLANS	VERSION 01	DRAWN BY A.J.H.	DATE 3/26/14
OPTION DESCRIPTION ELEVATION "B" ELEVATION "C"	OPTION ELB ELC	DATE 12/2/12	DESIGNED BY ELB	DATE 8/6/05
48			ARCHITECT NVR, Inc. 21 Bye Court, Suite A Fremont, NJ 07424	DATE 12/7/05
			REVISIONS	DATE 12/7/05
			NO. 1	DATE 3/26/14
			NO. 2	DATE 8/6/05
			NO. 3	DATE 12/7/05
			NO. 4	DATE 12/7/05
			NO. 5	DATE 12/7/05
			NO. 6	DATE 12/7/05
			NO. 7	DATE 12/7/05
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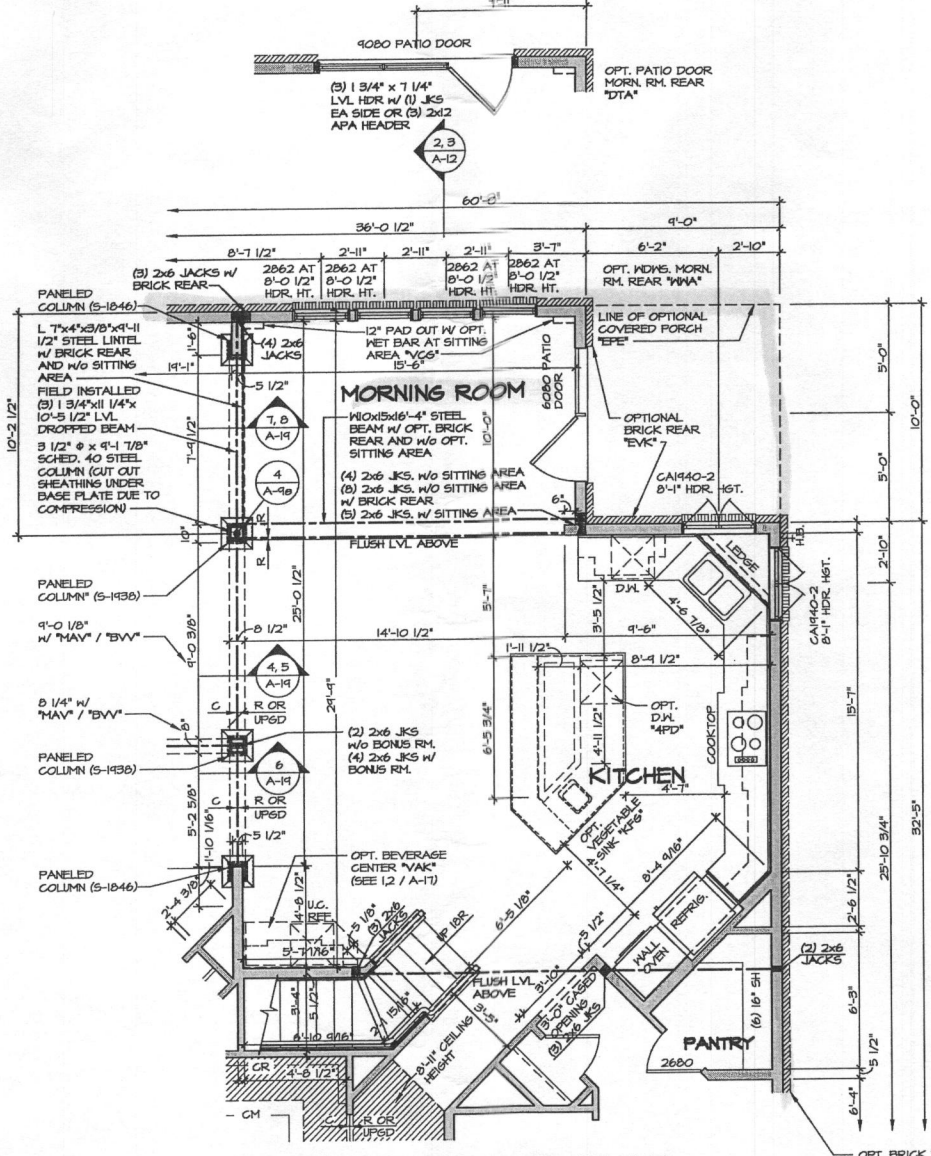
4 ATTACHMENT DETAIL
SCALE: 1/2" = 1'-0"



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



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



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

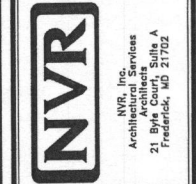
NOTE:
1. PARTIAL PLANS SHOWN W/ ELEVATION "A". SEE SHEET A-4 AND A-9b FOR ADDITIONAL INFORMATION.
2. MATCH VENEER ACCORDING TO SELECTED ELEVATION.

NOTES:
1. ALL HEADERS ARE (3) 2x6, UNLESS OTHERWISE NOTED.
2. ALL EXTERIOR WALLS ARE 6" UNLESS OTHERWISE NOTED. ALL INTERIOR WALLS ARE 5 1/2" UNLESS OTHERWISE NOTED.
3. HATCHED AREAS INDICATE DROPPED CEILING.
4. ALL CASSED OPENINGS AT T-11", UNLESS OTHERWISE NOTED.
5. WASHER ALWAYS ON THE LEFT PER PLAN OR REVERSE PLAN (WHERE APPLICABLE).

NOTE:
SEE SHEET S-6 FOR BRACED WALL PANEL LOCATIONS

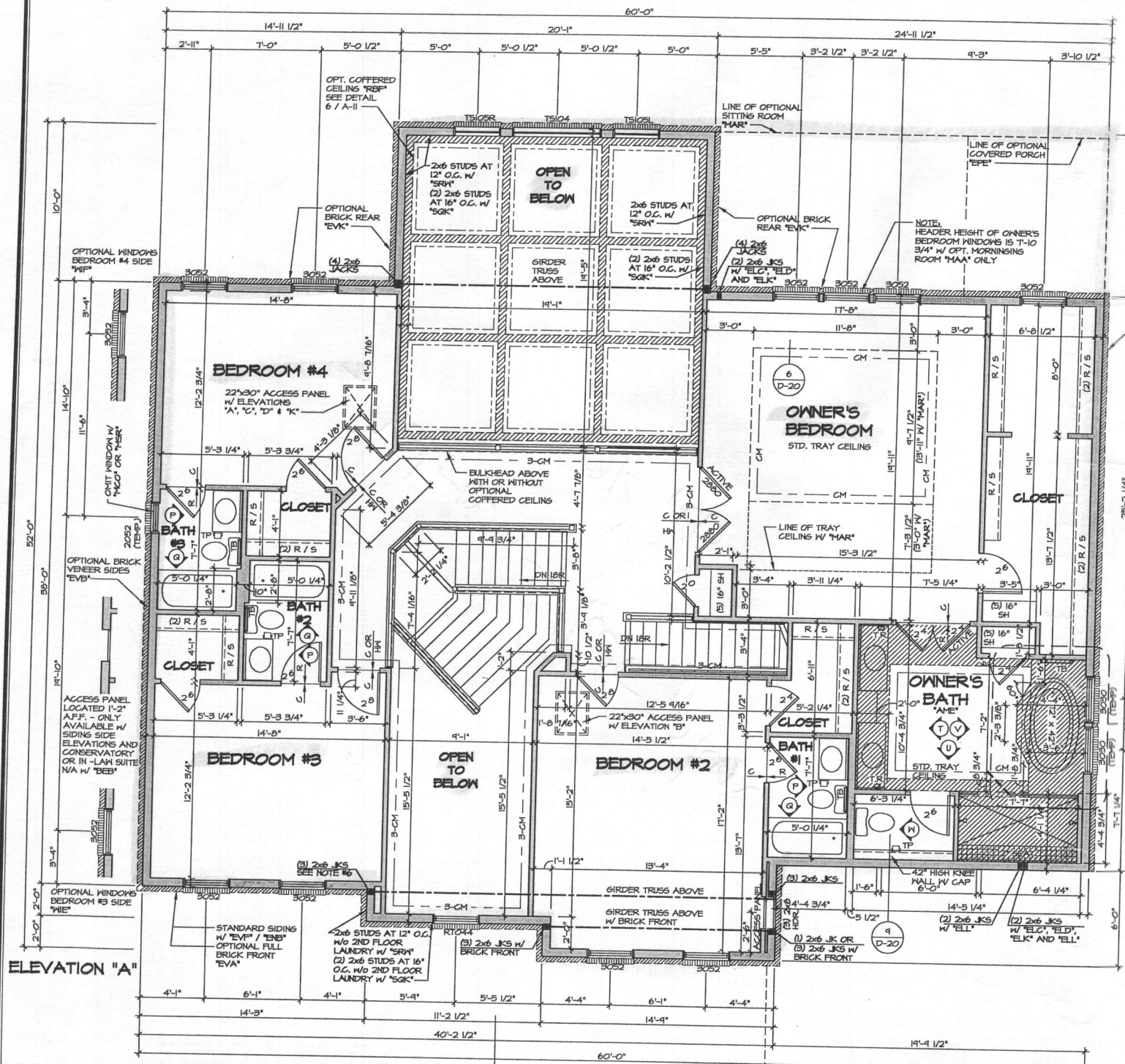
REV. NO.	DATE	DESCRIPTION
1	10/21/14	CEL - ADDED DIMENSION FOR 9080 PATIO DOOR
2	11/24/14	IGLS - ADDED ATTACHMENT DETAIL 4/A-9b (PAR ID 28286)
3	11/25/14	ISA - ADIT REVISIONS
4	1/26/15	ISA - REVISED HORIZONTAL IN REAR STAIR (PAR 28489)
5	1/26/15	ISA - REVISED HORIZONTAL IN REAR STAIR AND ADDED 6" TO WALL FOR CABINETS
6	1/26/15	ISA - MOVED RIGHT CABINET LAYOUT AND ADDED 6" TO WALL FOR CABINETS
7	4/28/15	IGLS - FIELD ADIT REVISIONS
8	10/14/14	IGLS - MOVED BOTTOM OF REAR STAIR IN 3" 50 RINGER MEETS CODE (PAR 28272)
9	10/21/14	IGLS - REVISED HORIZONTAL IN REAR STAIR (PAR 28272)

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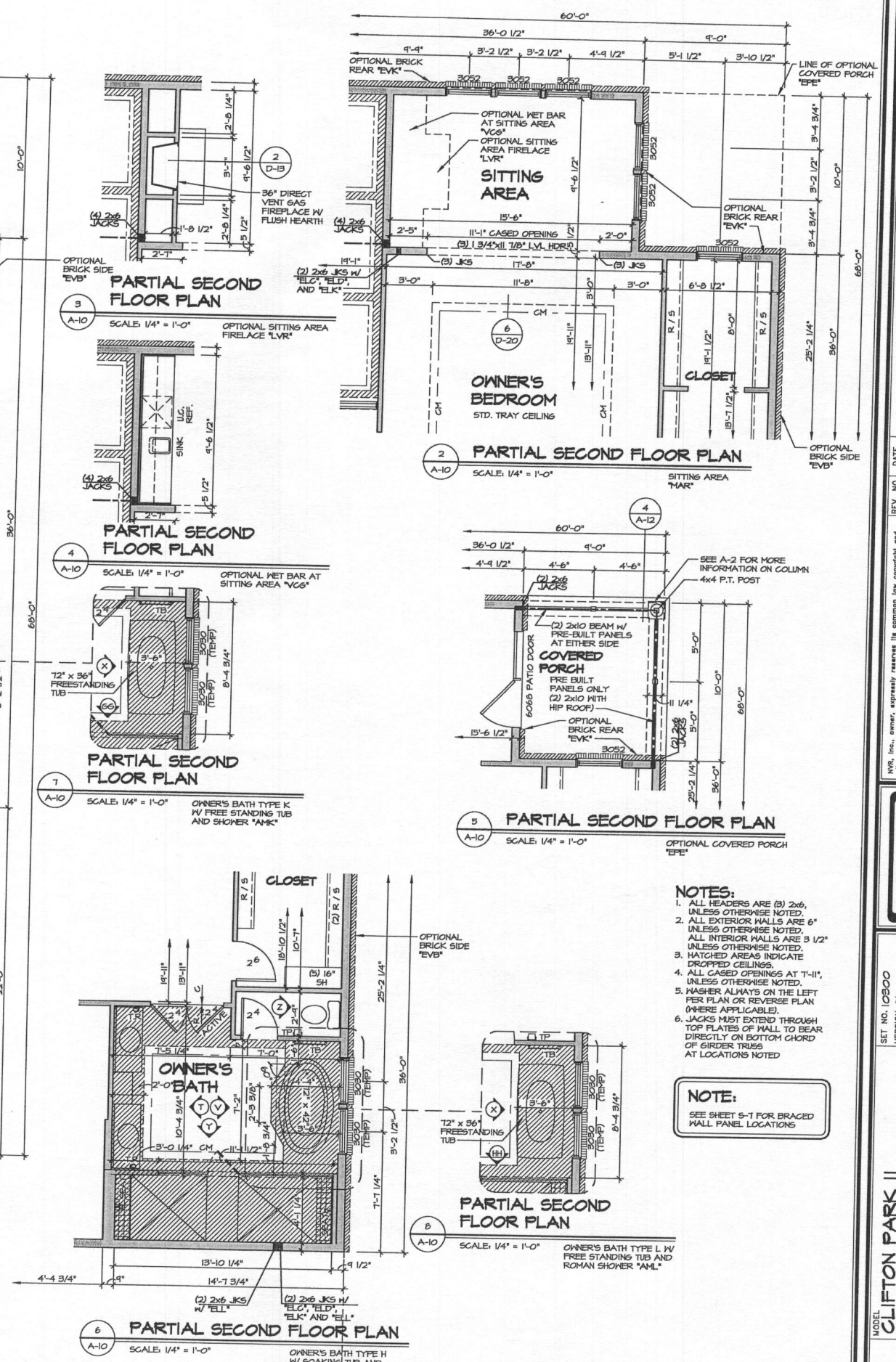


SET NO. 10300
VERSION 01
DRAWN BY AJH
DATE: 1/4/15
OPTION MAA

SHEET NO. **A-9b**
MODEL **CLIFTON PARK II**
DRAWING TITLE **FIRST FLOOR PARTIAL PLANS**
OPTION DESCRIPTION **MORNING ROOM**
52



4 Bedrooms
OK
RFB
5/3/2016



- NOTES:**
- ALL HEADERS ARE (B) 2x6, UNLESS OTHERWISE NOTED.
 - ALL EXTERIOR WALLS ARE 6" UNLESS OTHERWISE NOTED.
 - HATCHED AREAS INDICATE DROPPED CEILING.
 - ALL CASSED OPENINGS AT T-11, UNLESS OTHERWISE NOTED.
 - WASHER ALWAYS ON THE LEFT PER PLAN OR REVERSE PLAN (WHERE APPLICABLE).
 - JACKS MUST EXTEND THROUGH TOP PLATES OF WALL TO BEAR DIRECTLY ON BOTTOM CHORD OF GIRDER TRUSS AT LOCATIONS NOTED.

NOTE:
SEE SHEET S-7 FOR BRACED WALL PANEL LOCATIONS

REV. NO.	DATE	REMARKS
1	02/14/14	CVB - MATCHED DIMENSIONS
2	02/14/14	GLS - REVISED TRAY CEILING W/ "MAR" TO MATCH ROOF DRAWING (PAR ID 2521)
3	02/14/14	MSA - ADIT REVISIONS
4	02/14/14	MSA - REVISED HANDRAIL IN REAR STAIR (PAR 2485)
5	02/14/14	J.R. - REVISED BULKHEAD NOTE AT OVERLOOK INTO FAMILY ROOM (PAR 18047)
6	02/14/14	J.R. - REVISED REAR PORCH COLUMN NOTES
7	02/14/14	J.R. - REVISED REAR PORCH COLUMN NOTES
8	02/14/14	J.R. - REVISED REAR PORCH COLUMN NOTES
9	02/14/14	J.R. - REVISED REAR PORCH COLUMN NOTES
10	02/14/14	J.R. - REVISED REAR PORCH COLUMN NOTES
11	02/14/14	J.R. - REVISED REAR PORCH COLUMN NOTES
12	02/14/14	J.R. - REVISED REAR PORCH COLUMN NOTES
13	02/14/14	J.R. - REVISED REAR PORCH COLUMN NOTES
14	02/14/14	J.R. - REVISED REAR PORCH COLUMN NOTES
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98	02/14/14	J.R. - REVISED REAR PORCH COLUMN NOTES
99	02/14/14	J.R. - REVISED REAR PORCH COLUMN NOTES
100	02/14/14	J.R. - REVISED REAR PORCH COLUMN NOTES

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NVR
 Architectural Services
 21 Bay Architects Suite A
 Frederick, MD 21702

MODEL	CLIFTON PARK II
DRAWING TITLE	SECOND FLOOR PLAN
OPTION DESCRIPTION	
SHEET NO.	A-10
SET NO.	10300
VERSION	G1
DRAWN BY	A-JH
DATE	12/21/12
OPTION	

SOILS TABLE

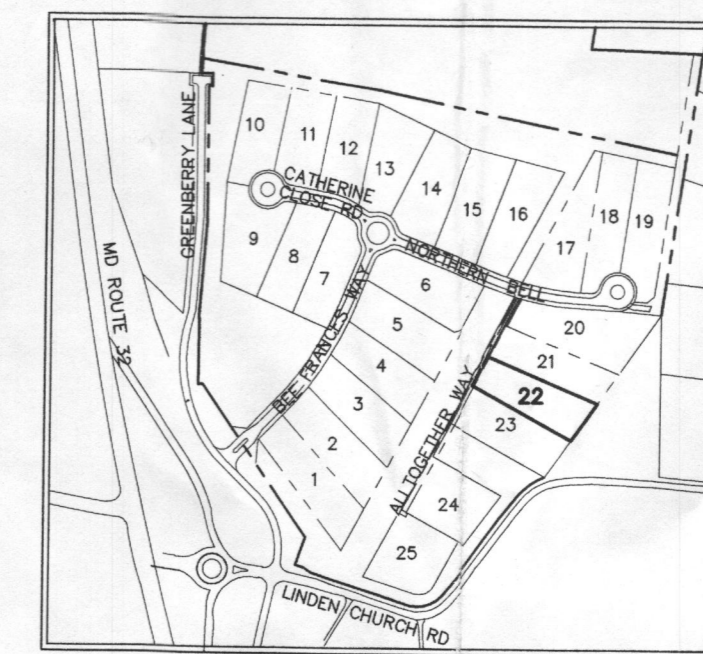
SYMBOL	RATING	NAME	K FACTOR
GgB	(B)	GLENELG LOAM, 3-8% SLOPES.	.20
GmB	(C)	GLENVILLE SILT LOAM, 3-8% SLOPES.	.35

PRIMARY TRENCH DATA

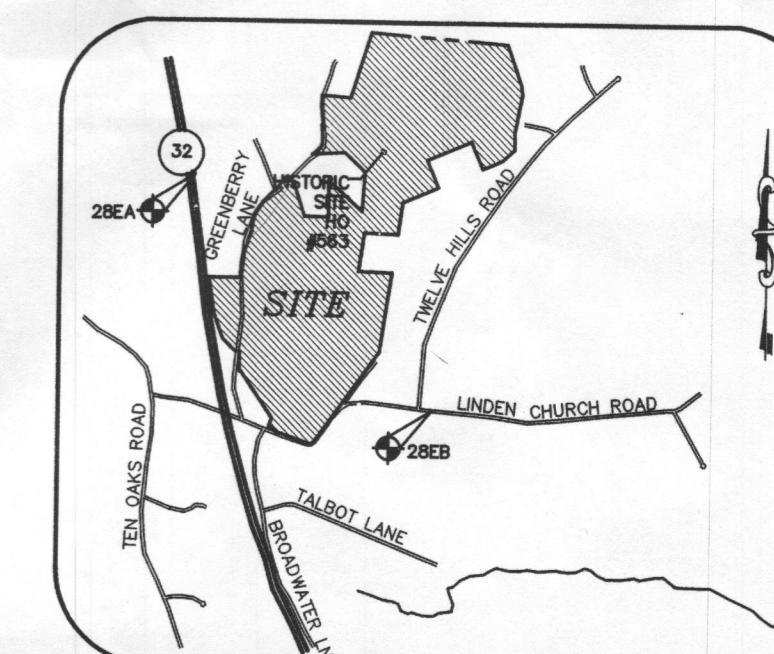
TRENCH	EX. GROUND ELEVATION	INVERT ELEVATION	BOTTOM OF TRENCH-EL
1	554.50	550.50	547.50
2	553.60	549.60	546.60
3	552.70	548.70	545.70

SEPTIC TRENCH SIZING

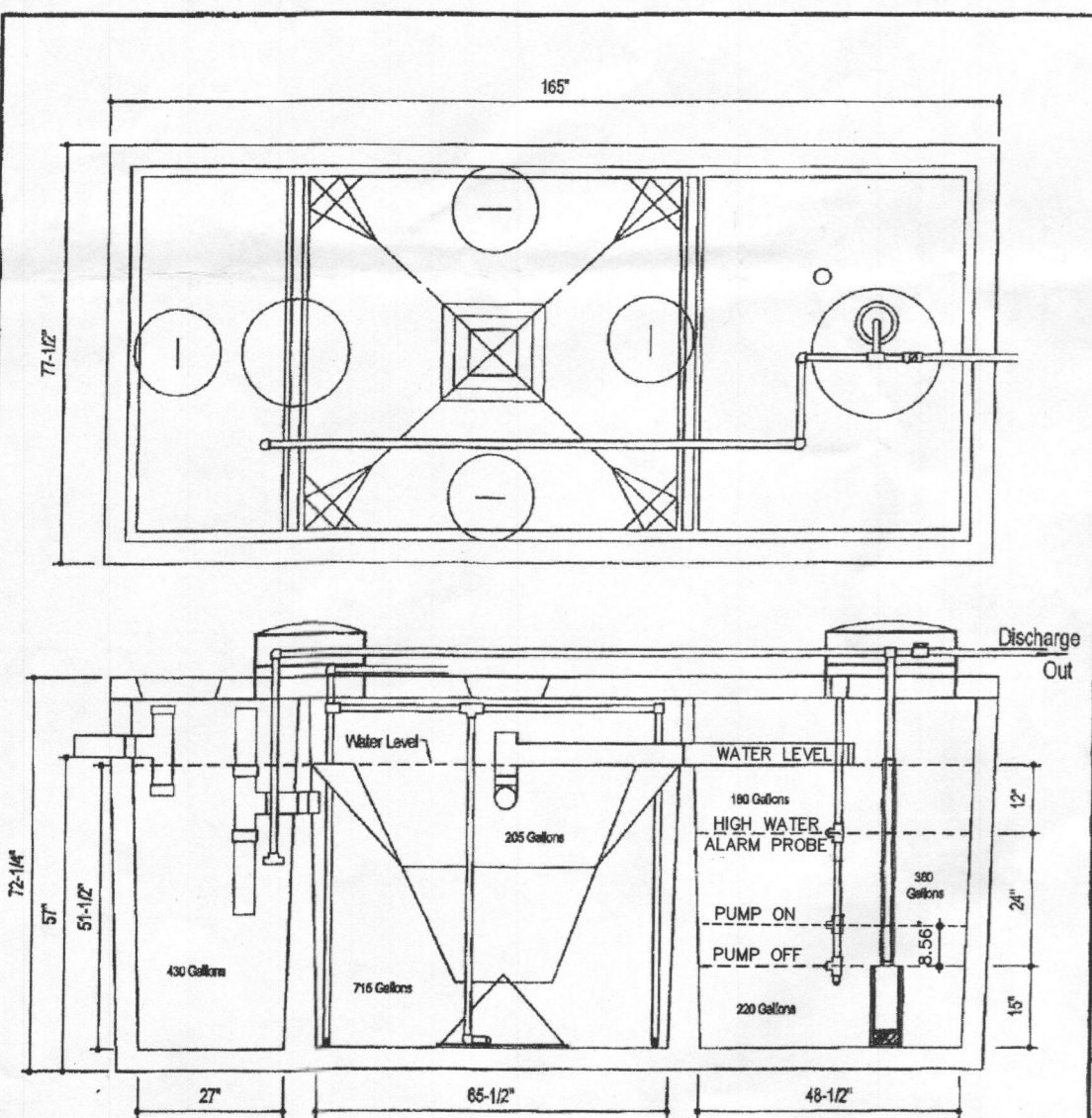
SYSTEM	APPLICATION RATE (GPD / SF)	MAXIMUM FLOW RATE (GPD)	AREA OF REQUIRED TRENCH (SQ.FT)	TRENCH WIDTH (FT)	LENGTH OF REQUIRED TRENCH (FT)	EFFECTIVE DEPTH (FT)	TRENCH BOTTOM DEPTH (FT)	TRENCH REDUCTION FACTOR**	ADJUSTED LENGTH OF REQUIRED TRENCH (LF)	MINIMUM TRENCH SPACING (FT)	NUMBER OF TRENCHES	PROVIDED TRENCH LENGTH (FT)
PRIMARY	0.8	750	937.5	3	312.5	5.0	7.0	0.62	193.8	10.0'	3	65'
SECONDARY	0.8	750	937.5	3	312.5	5.5	7.5	0.62	193.8	10.0'	2	97'
TERTIARY	0.8	750	937.5	3	312.5	4.0	6.0	0.62	193.8	10.0'	2	97'



LOCATION PLAN
SCALE: 1"=600'



VICINITY MAP
SCALE: 1" = 2000'
ADC MAP 24 GRID F6

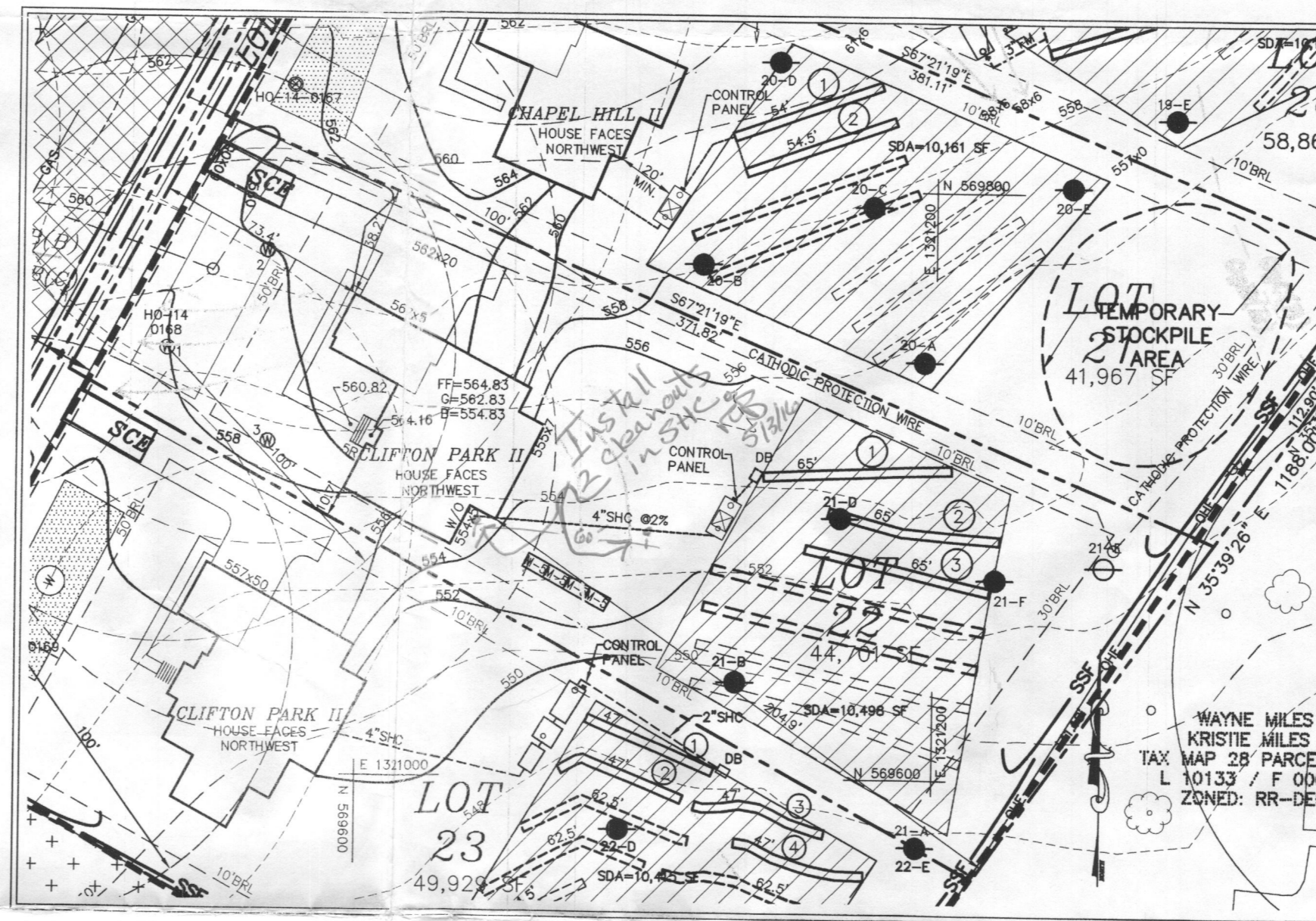


DESIGN DATA & GENERAL NOTES
 1) Capacity strength 100-400 A.A.I. @ 24 hrs. Density = 1.00 gcf.
 2) Capacity - Porosity Type III per ASTM C 150-81.
 3) Installation & practices per ASTM C 200-81 & C 640-81.
 4) Manufacturing per ASTM A166, Min. 1-1/2" cover.

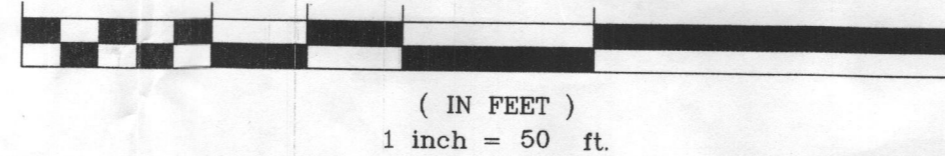
Mayer Brothers, Inc.
 600 GPD BNR SYSTEM
 H-600 BNR
 With 750 GALLON PUMP CHAMBER
 MBI
 Design No. Hoot Form 61 No Scale March 19, 2009

BAT SYSTEM ELEVATIONS

DESCRIPTION	VALUE
FINISHED GRADE AT SEPTIC TANK	553.40
INVERT INTO TANK	550.80
EXTERIOR BOTTOM OF TANK	546.05
INTERIOR BOTTOM OF TANK	546.38
PUMP OFF	547.63
PUMP ON	548.24
HIGH WATER ALARM	549.63
WATER LEVEL	550.63
INVERT OUT OF TANK	552.42
TOTAL HEAD	6.18
DOSED RATE	50 GPM
PUMP RUNTIME	2.5 MIN.



GRAPHIC SCALE



GENERAL NOTES:

- THE SUBJECT PROPERTY IS ZONED RR-DEO PER THE OCTOBER 6, 2013 COMPREHENSIVE ZONING PLAN.
- PARCEL BACKGROUND:**
 TAX MAP : 28
 GRID : 3
 PARCEL : 48
 LOT : 22
 DEED REFERENCE: LIBER 5891 FOLIO 307
 ELECTION DISTRICT: FIFTH
 ZONING : RR-DEO.
 AREA : 44,701 S.F.
 DPZ FILES: ECP-13-025, SP-13-010, F-14-095, GP-15-081
- 2' TOPOGRAPHY FOR THE DEVELOPED AREAS IS BASED ON AERIAL SURVEY FLOWN BY WINGS TOPOGRAPHY INC. ON OR ABOUT MARCH 2007.
- PRIVATE WELL AND SEPTIC WILL BE UTILIZED.
- SOILS DATA BASED ON THE USDA SOIL SURVEY OF HOWARD COUNTY, MD, DATED MAY, 2008.
- 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.
- ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
- 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 SEWERAGE DISPOSAL AREAS HAVE BEEN SHOWN.

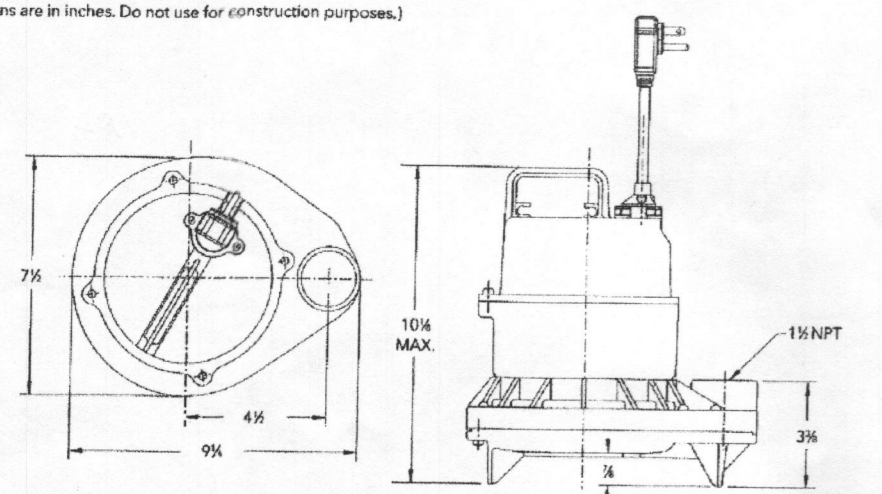
BEST AVAILABLE TECHNOLOGY SITE PLAN NOTES

- 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.
- THE MAXIMUM DEPTH OF THE BAT PER THE MANUFACTURER'S SPECIFICATION IS 3.0' FEET.
- THE BLOWER MAY NOT BE LOCATED MORE THAN 100 FEET FROM THE TANK BASED ON MANUFACTURER'S SPECIFICATIONS.
- THE BAT SYSTEM SHALL BE MAINTAINED AND OPERATED FOR THE LIFE OF THE SYSTEM.
- THE BAT SHALL BE OPERATED BY AND MAINTAINED BY A CERTIFIED SERVICE PROVIDER.
- 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.
- ELECTRICAL WORK FOR THE BAT INSTALLATION MUST BE PERFORMED BY A LICENSED ELECTRICIAN.
- AN AGREEMENT AND EASEMENT MUST BE COMPLETED AND SIGNED BY ALL APPLICABLE PARTIES, AND RECORDED IN THE LAND RECORDS OF HOWARD COUNTY.

ON-SITE SEWAGE DISPOSAL SYSTEM:

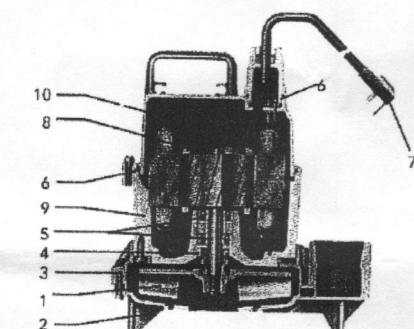
RESIDENTIAL SYSTEM DESIGN: HOOT 600 BNR
 5 BEDROOM HOUSE (LIVING AREA = 2,288 SQ.FT.)
 150 X 5 = 750 GPD
 PERC RATE = 6-15 MINUTES/INCH
 APPLICATION RATE = 0.8PD/SQ.FT.
 DESIGN FLOW = APPLICATION RATE = SQ.FT. OF TRENCH REQUIRED
 750 ÷ 0.8 = 937.5 SQ.FT.
 SQ.FT. REQUIRED ÷ WIDTH OF TRENCH = LENGTH OF TRENCH
 937.5 ÷ 3.0' = 312.5 FT
 USE 24" OF GRAVEL BELOW DRAIN PIPE
 312.5 X 0.62 = 193.8
 USE THREE (3) TRENCHES UTILIZING SIDEWALL REDUCTION CREDIT
 MINIMUM TANK CAPACITY = 750 GALLONS
 PUMP: GOULDS MODEL 3871, EP04 SERIES

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

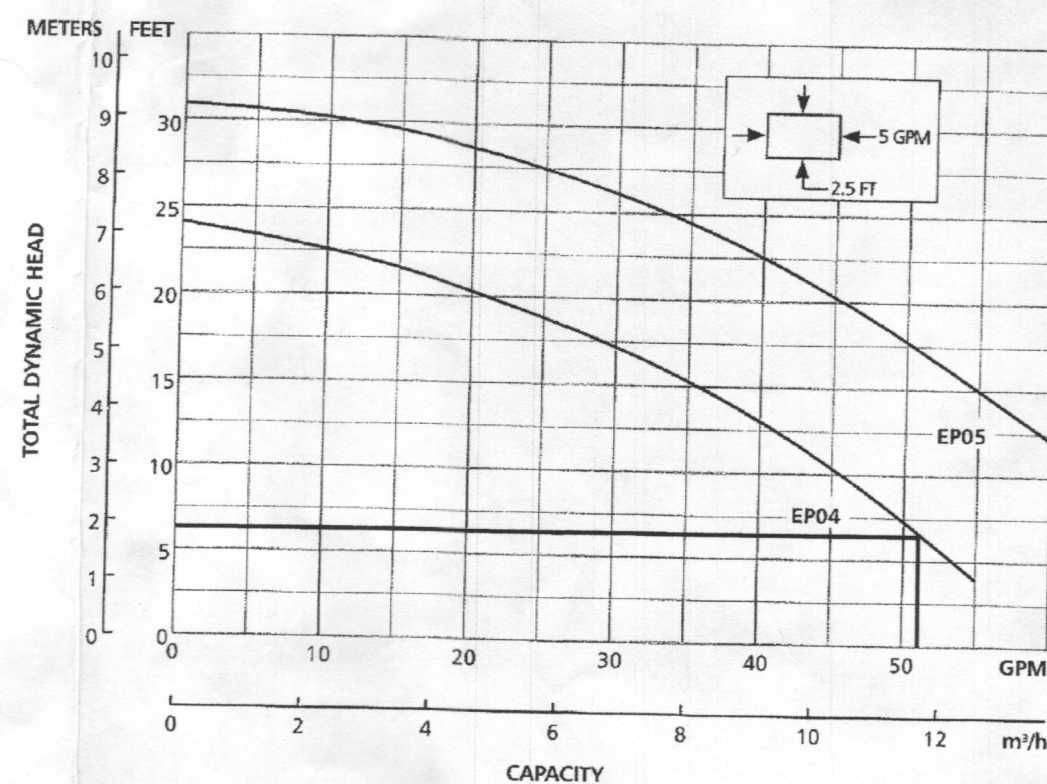


COMPONENTS

Item No.	Description
1	Impeller
2	Base
3	Pump casing
4	Mechanical seal
5	Ball bearings
6	O-rings
7	Power cord
8	Oil filled motor
9	Motor housing/motor assembly
10	Motor cover



Wastewater



MODEL INFORMATION

Order No.	HP	Volts	Amps	Minimum Circuit Breaker	Phase	Float Switch Style	Cord Length	Discharge Connection	Minimum On Level	Minimum Off Level	Minimum Basin Diameter	Maximum Basin Diameter	Shipping Weight	Shipping Bagging
EP0411	1/2	115	12	20	1	Plug / No Switch	10'	1 1/2"	Manual	Manual	15"	15"	20/9.1	
EP0411L	1/2	115	12	20	1	Plug/Back Wide-Angle	10'	1 1/2"	Manual	Manual	15"	15"	21/9.5	
EP0411H	1/2	115	12	20	1	Plug / No Switch	20'	1 1/2"	Manual	Manual	15"	15"	20/9.1	
EP0411LC	1/2	115	12	20	1	Plug/Back Wide-Angle	20'	1 1/2"	Manual	Manual	15"	15"	21/9.5	
EP0412	1/2	230	6	10	1	Plug / No Switch	10'	1 1/2"	Manual	Manual	15"	15"	20/9.1	
EP0412C	1/2	230	6	10	1	Plug/Back Wide-Angle	10'	1 1/2"	Manual	Manual	15"	15"	20/9.1	
EP0511	1/2	115	13	20	1	Plug / No Switch	20'	1 1/2"	Manual	Manual	15"	15"	22/10	
EP0511AC	1/2	115	13	20	1	Plug/Back Wide-Angle	20'	1 1/2"	Manual	Manual	15"	15"	23/10.4	
EP0512	1/2	230	6.5	10	1	Plug / No Switch	20'	1 1/2"	Manual	Manual	15"	15"	22/10	

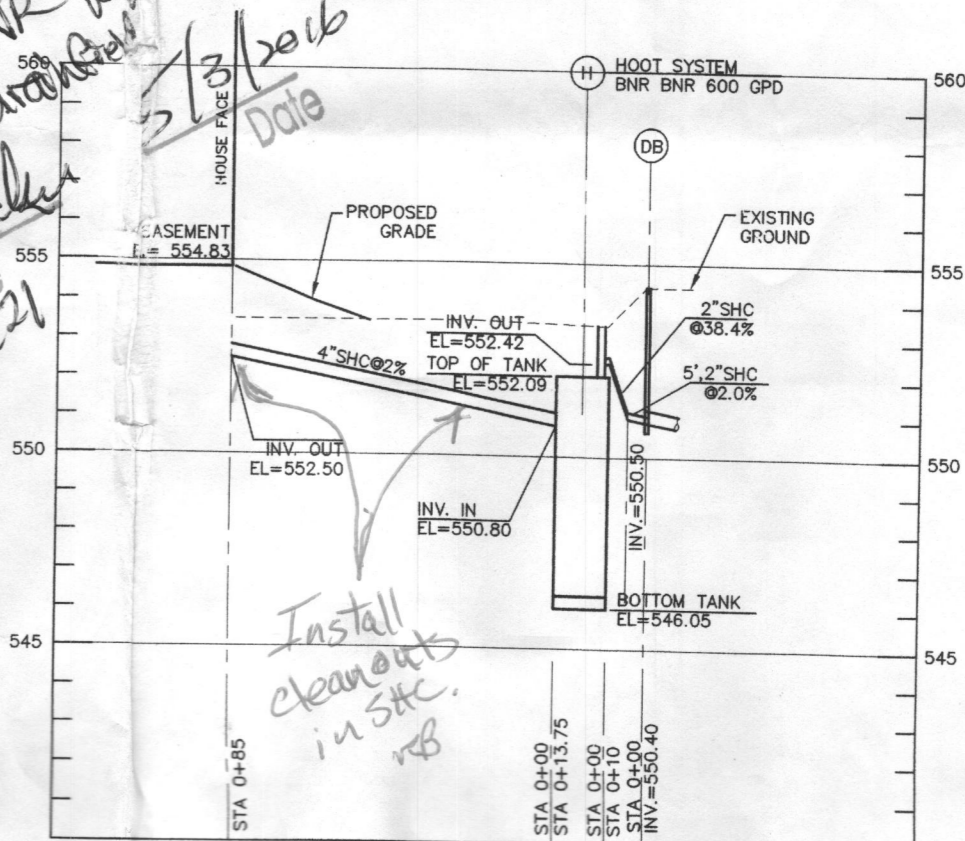
xylem
 Let's Solve Water

Xylem, Inc.
 2881 East Bayard Street, Suite A
 Seneca Falls, NY 13148
 Phone: (866) 325-4210
 Fax: (888) 922-5877
 www.goaldswatertechnology.com
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DEVELOPER

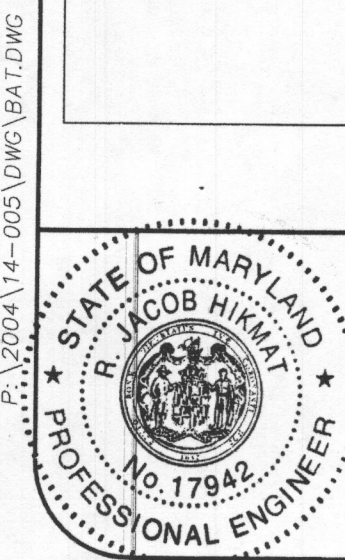
NV HOMES
 9720 PATUXENT WOODS DRIVE
 COLUMBIA, MARYLAND 21046
 (410)379-5956

WELL CERTIFICATION:
 THE EXISTING WELL, TAG NO. HO-14-0168, HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN



PROFILE - PRIVATE SEWER

SCALE: 1"=50' HOR
 1"=5' VER



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.

R. JACOB HIKMAT, P.E.
 DATE: 4/27/16

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

5011 ALTOGETHER WAY, CLARKSVILLE MD
GREENBERRY LOT 22
 HOWARD COUNTY
 FIFTH ELECTION DISTRICT
 SITE PLAN FOR BAT INSTALLATION

Project	date	description	no.
15-005	APR 2016	engineering illustration	MM
		approval	RH

Project	date	description	no.
15-005	APR 2016	engineering illustration	MM
		approval	RH