



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: 2/8/18

Permit No.: B18000437

Building Address: 16463 FREDERICK ROAD
 City: WOODBINE State: MD Zip Code: 21797
 Suite/Apt. # _____ SDP/WP/BA #: _____
 Census Tract: _____ Subdivision: STANLEY MILLET
 Section: _____ Area: _____ Lot: 12
 Tax Map: _____ Parcel: _____ Grid: _____
 Zoning: _____ Map Coordinates: _____ Lot Size: 5 AC

Existing Use: SFD
 Proposed Use: SFD W/PROPANE TANK
 Estimated Construction Cost: \$ 2,000
 Description of Work:
INSTALL 500 GAL ABOVE GROUND PROPANE TANK
 Occupant/Tenant Name: OWNER
 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 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:
<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: SHEREE STEDDING
 Address: 3140 CELINA LANE
 City: MELBOURNE State: FL Zip Code: 32934
 Phone: _____ Fax: _____
 Email: _____

Applicant's Name & Mailing Address, (if other than stated herein)
 Applicant's Name: MICHELLE CLANCY
 Address: PO BOX 310
 City: PERRY HALL State: MD Zip Code: 21128
 Phone: 443-610-7514 Fax: _____
 Email: MICHELLE@APPLIEDANDAPPROVED.COM

Contractor Company: HJ POIST
 Contact Person: MICHAEL UNDERWOOD
 Address: 360 MAIN STREET
 City: LAUREL State: MD Zip Code: 20707
 License No.: 60029
 Phone: 301-725-3232 Fax: _____
 Email: _____

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

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

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

MICHELLE CLANCY
 Applicant's Signature
MICHELLE@APPLIEDANDAPPROVED.COM
 Email Address
PERMITS
 Title/Company

MICHELLE CLANCY
 Print Name
2/7/18
 Date

RECEIVED

FEB 08 2018

LICENSES & PERMITS DIVISION

Checks Payable to: DIRECTOR OF FINANCE OF THE 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>2/8/18</u>	<u>[Signature]</u>

DPZ SETBACK INFORMATION

Front: _____
 Rear: _____
 Side: _____
 Side St.: _____
 All minimum setbacks met? Yes No
 Is Entrance Required? Yes No
 Historic District? Yes No
 Lot Coverage for New Town Zone: _____
 SDP/Red-line approval date: _____

Filing Fee	\$
Permit Fee	\$ 100
Tech Fee	\$ 10
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$
Add'l per Fee	\$
Total Fees	\$ 110.00
Sub- Total Paid	\$
Balance Due	\$
Check	# <u>6512</u>

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



Permits LLC

P.O. Box 1253
Eldersburg, MD 21784
phone: 443.340.1229
appliedandapproved.com

Date: 3/8/18

Amendment Permit# B18000437
Address:
16463 Fredenck Rd

RECEIVED
MAY 09 2018
LICENSES & PERMITS
DIVISION

Ms. Debbie Whalen
Division of Plan Review
Howard County Government
3430 Court House Drive Ellicott City, MD 21043

Dear Ms. Whalen,

I am requesting to amend permit# B18000437

16463 Fredenck Rd to change the tank to
underground. Location stays the same.

I have enclosed:

- Fee:
- Plot Plans
- Construction Drawings
- Other tank specs

If there is anything else needed please feel free to contact me anytime. Thank you in advance for you assistance.

Sincerely,

Jeremy Clancy
443-340-1229

jeremy@appliedandapproved.com

cc: P12
Health AKA 3/15/18

MARYLAND ROUTE 144
(FREDERICK ROAD
66' RIGHT-OF-WAY)
S69°21'58"E 329.64'

STANLEY B. MILLER
PROPERTY
PLAT No. J799
LOT 26
ZONED: RC-DEO

STANLEY B. MILLER
PROPERTY
PLAT No. J799
LOT 25
ZONED: RC-DEO

STANLEY B. MILLER
PROPERTY
PLAT BOOK 27 PAGE 22
LOT 8
ZONED: RC-DEO

STANLEY B. MILLER
PROPERTY
PLAT BOOK 27 PAGE 22
LOT 11
ZONED: RC-DEO

STANLEY B. MILLER
PROPERTY
PLAT BOOK 27 PAGE 22
LOT 7
ZONED: RC-DEO

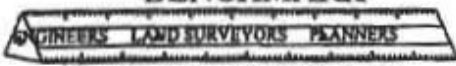
TOP OF FOUNDATION WALL = 695.6'
OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 0.1'

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THESE DOCUMENTS, WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21320, EXPIRATION DATE 1-7-2017 AND TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF, THAT THE DIMENSIONS OF THE BUILDING WALLS SHOWN HEREON ARE CORRECT; THAT THEY ARE BASED ON A FIELD RUN SURVEY PERFORMED BY BENCHMARK ENGINEERING, INC. ON 12/08/2017.

Donald A. Mason
DONALD A. MASON
PROFESSIONAL LAND SURVEYOR
MARYLAND REG. No. 21320
FEMA FIRM No. 24027C00360
ZONE: X
DATED: 11/6/2013

BENCHMARK



ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE & SUITE 315
ELLCOTT CITY, MARYLAND 21043
(P) 410-485-8105 & (F) 410-485-8644

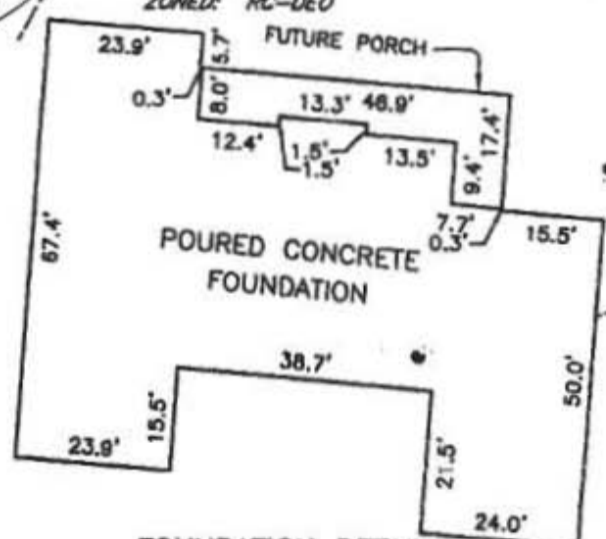
WWW.BEJ-CVLENGINEERING.COM

LOT 12

SEE DETAIL

Approved for
aboveground PT
B1800437
RMK
330.00'
2/16/18

500 gal
above ground
Propane tank



FOUNDATION DETAIL
SCALE: 1" = 30'

WALL CHECK

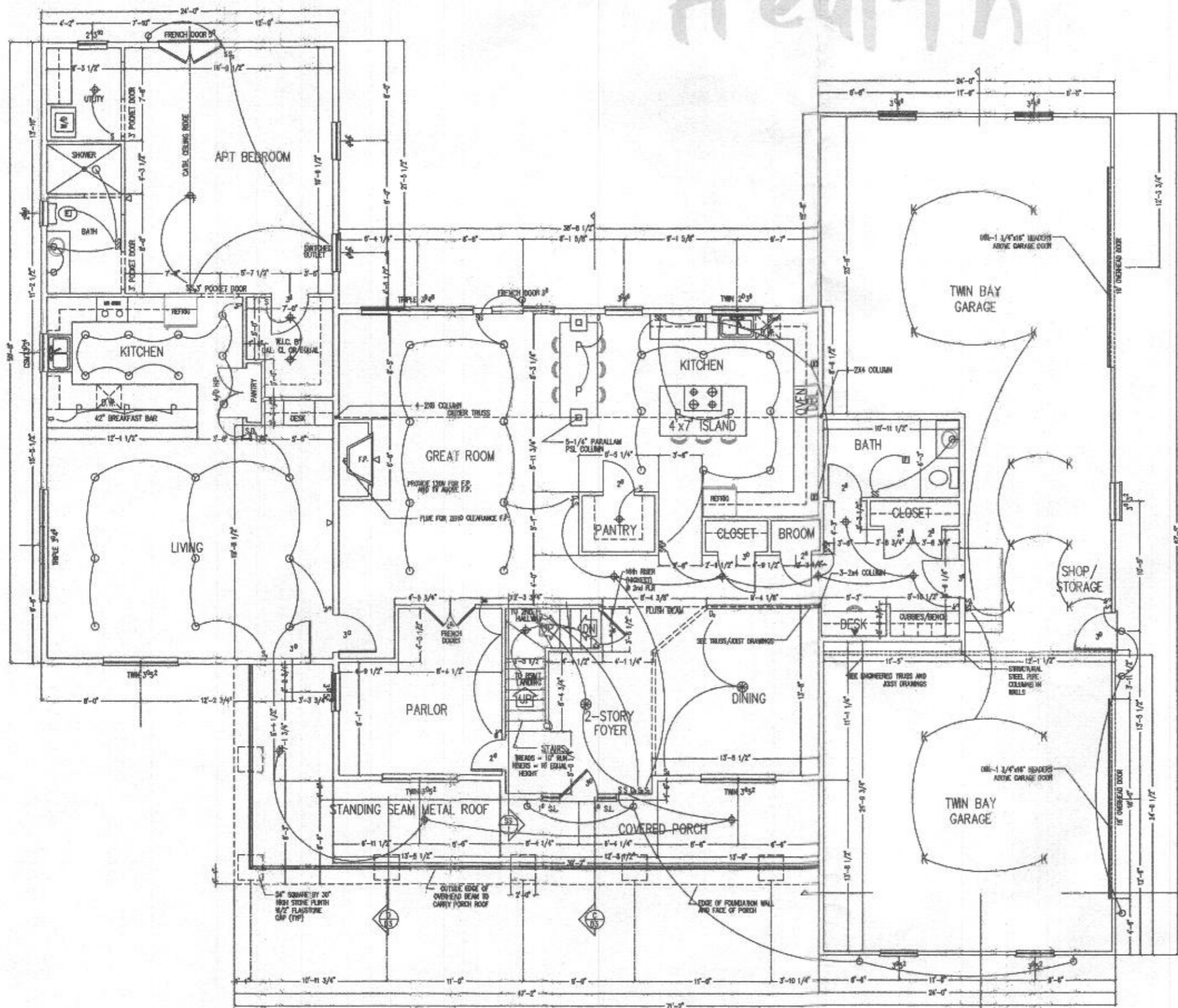
STANLEY MILL PROPERTY
PLAT No. 3721
LOT No. 12

16463 FREDERICK ROAD

4TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

FIELD OBS. BY PJ
COMP. BY EWF
DRAWN BY EWF SCALE: 1" = 100' DATE: 12/08/2013

Health



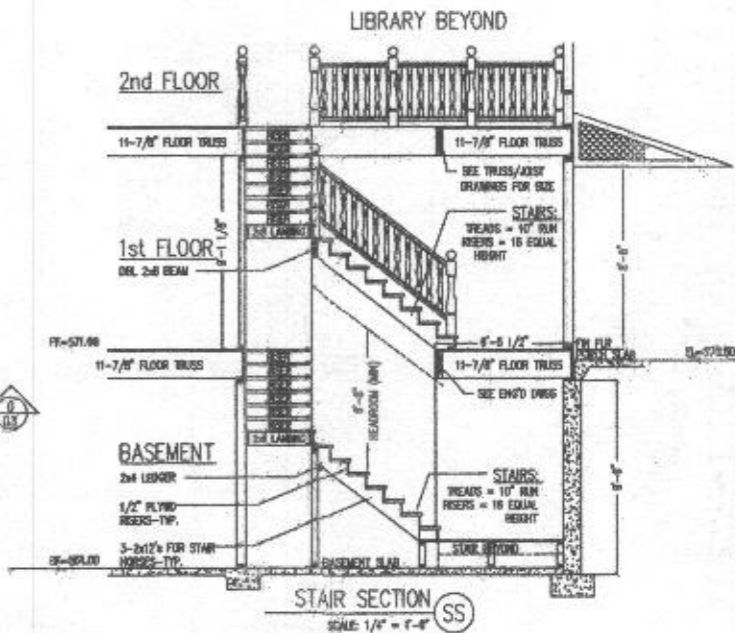
FIRST FLOOR PLAN
SCALE: 1/4" = 1'-0"

ELECTRICAL FIXTURES

- RECESSED FIXTURE
- K KITCHENLESS FLUORESCENT FIXTURE
- ⊗ CHANDELER
- ⊙ CEILING FIXTURE
- SCENE
- PENDANT
- ⊕ CEILING FAN
- ⊕ CEILING FIXTURE USING CEILING FAN MOUNT
- ⊕ CEILING FAN
- ⊕ UNDER CABINET RECEPTACLE
- ▽ GFI (FRONT WALL LOCATION TBD IN FIELD)
- ▽ GFI AND PHONE JACK

GENERAL NOTES:

- DIMENSIONS ARE FROM THE EDGES OF FRAME WALL OR CENTERS OF DOORS & WINDOWS
- ALL WINDOWS ARE DOUBLE HUNG UNLESS OTHERWISE NOTED
- ALL FRAME OPENINGS SHALL HAVE DEL. 2X4 HEADERS UNLESS NOTED. ROUGH OPENING HEIGHT SHOULD BE APPROX. 6"-10 3/4"
- SEE SHEET NO-3 FOR PORTAL BRACING DESIGN AT GARAGE



STAIR SECTION
SCALE: 1/4" = 1'-0"

The Patterson III

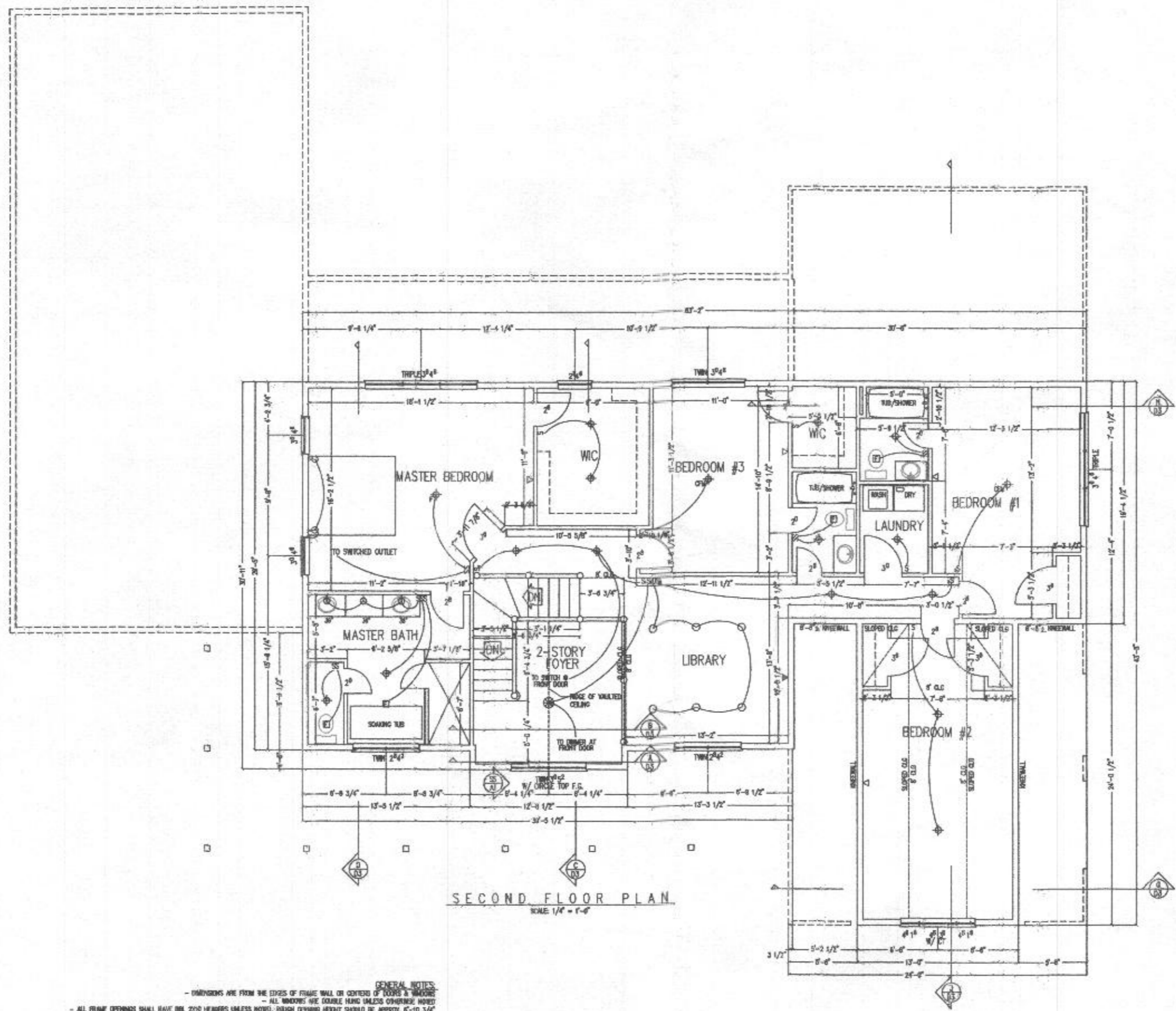
Rainmaker Development, Inc.
6755 Business Parkway, Suite 103
Elkridge, Maryland 21075
410-379-1525

Date:

FIRST FLOOR FRAMING PLAN
16463 Frederick Road, Woodbine, MD
Rev: Map 3, 08/10, Rev'd 0/0

A1

1st FLOOR HEATED
2nd FLOOR HEATED
TOTAL 1st AND 2nd FLOOR HEATED
BASEMENT
COVERED PORCH
GARAGE (NO HEAT)
TOTAL UNDER ROOF



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

GENERAL NOTES:
 - DIMENSIONS ARE FROM THE EDGES OF FRAME WALL OR CENTER OF DOORS & WINDOWS
 - ALL WINDOWS ARE DOUBLE HUNG UNLESS OTHERWISE NOTED
 - ALL FRAME OPENINGS SHALL HAVE ORL 2X4 HEADERS UNLESS NOTED. MINIMUM OPENING HEIGHT SHOULD BE APPROX. 6'-10 3/4"

- ELECTRICAL FIXTURES**
- RECESSED PICTURE ○
 - KEYLESS FLUORESCENT RECEPTOR K
 - CHANGELIGHT Ⓞ
 - CEILING FIXTURE Ⓢ
 - SCENE Ⓢ
 - PENDANT Ⓢ
 - CEILING FAN Ⓢ
 - CEILING FIXTURE USING CEILING FAN MOUNT Ⓢ
 - EXHAUST FAN Ⓢ
 - UNDER CABINET RECEPTACLE Ⓢ
 - CATV (WALL LOCATION TWO IN FIELD) Ⓢ
 - CATV AND PHONE JACK Ⓢ

The Patterson III
 DESIGNED & DRAWN BY: ROX FAUST - AIA
 COPYRIGHT BY UPRIGHT DESIGN, INC. - DECEMBER 2001
 ALL RIGHTS RESERVED

Rainmaker Development, Inc.
 6755 Business Parkway, Suite 103
 Elkridge, Maryland 21075
 410-379-1525

SECOND FLOOR FRAMING PLAN
 18463 Frederick Road, Woodbine, MD
 For Map 7, Grid 10, Parcel 467

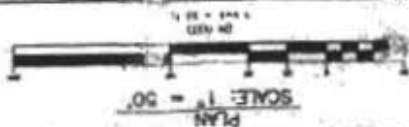
A2

THE CONTRACTOR SHALL NOTIFY THE DISTRICT OF THE COMPLETION OF THE WORK AND THE DISTRICT SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE WORK AND THE DISTRICT SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE WORK AND THE DISTRICT SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE WORK

NO.	DESCRIPTION	QUANTITY	UNIT
1	...	...	...
2	...	...	...

MATERIALS & METHODS

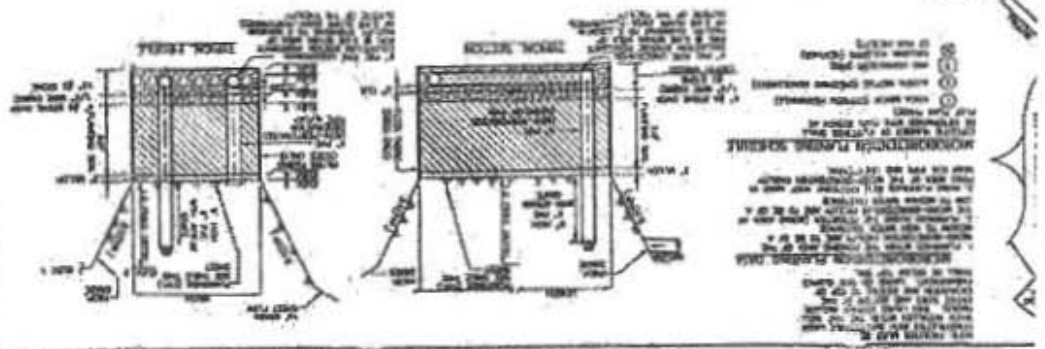
NO.	DESCRIPTION	QUANTITY	UNIT
1	...	...	...
2	...	...	...
3	...	...	...
4	...	...	...
5	...	...	...
6	...	...	...
7	...	...	...
8	...	...	...
9	...	...	...
10	...	...	...



REVISED
 Date: 12-21-77
 Comments: add 2 decks

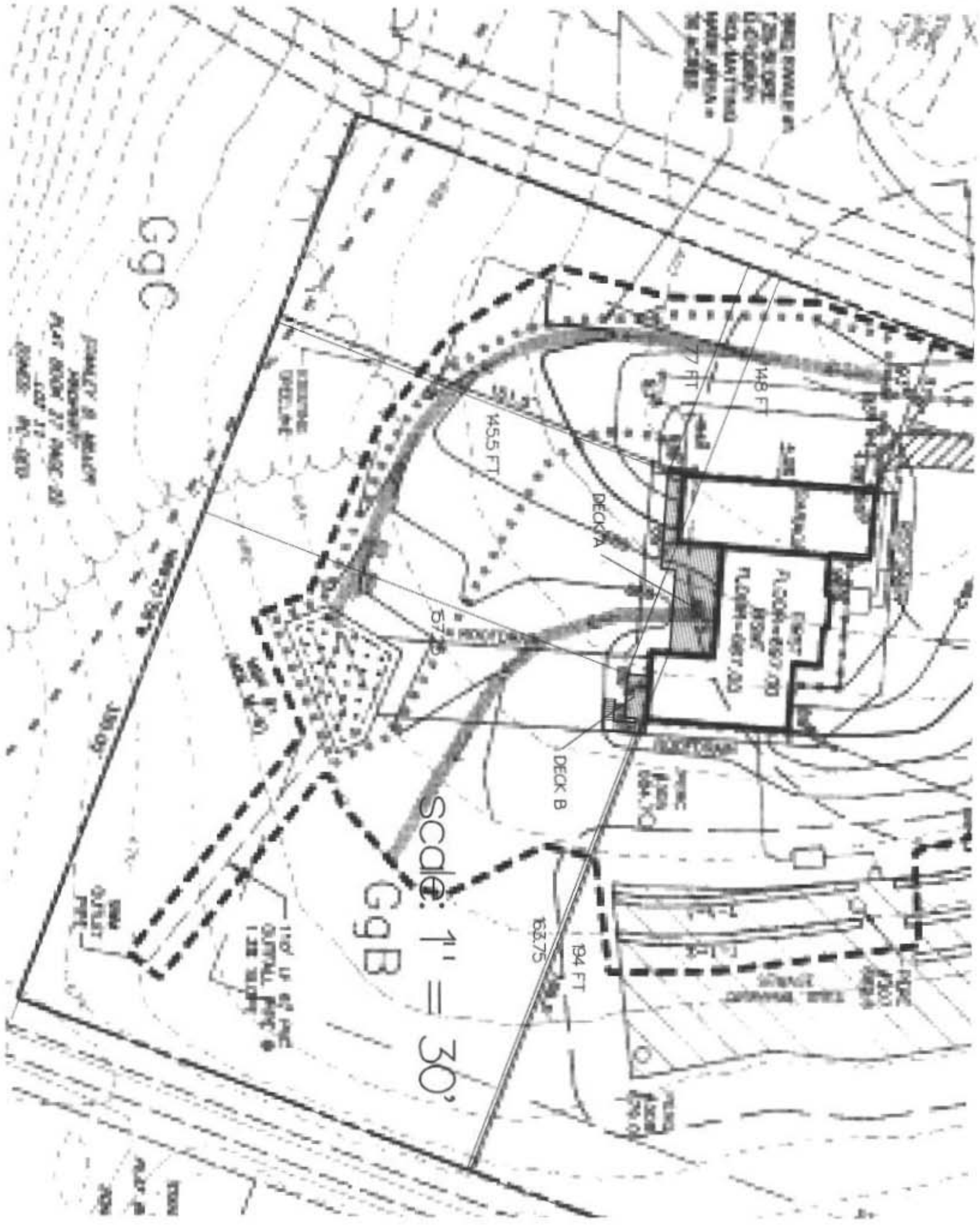
B17003892

MICRO-ROBENTON DETAILS (TYPICAL)

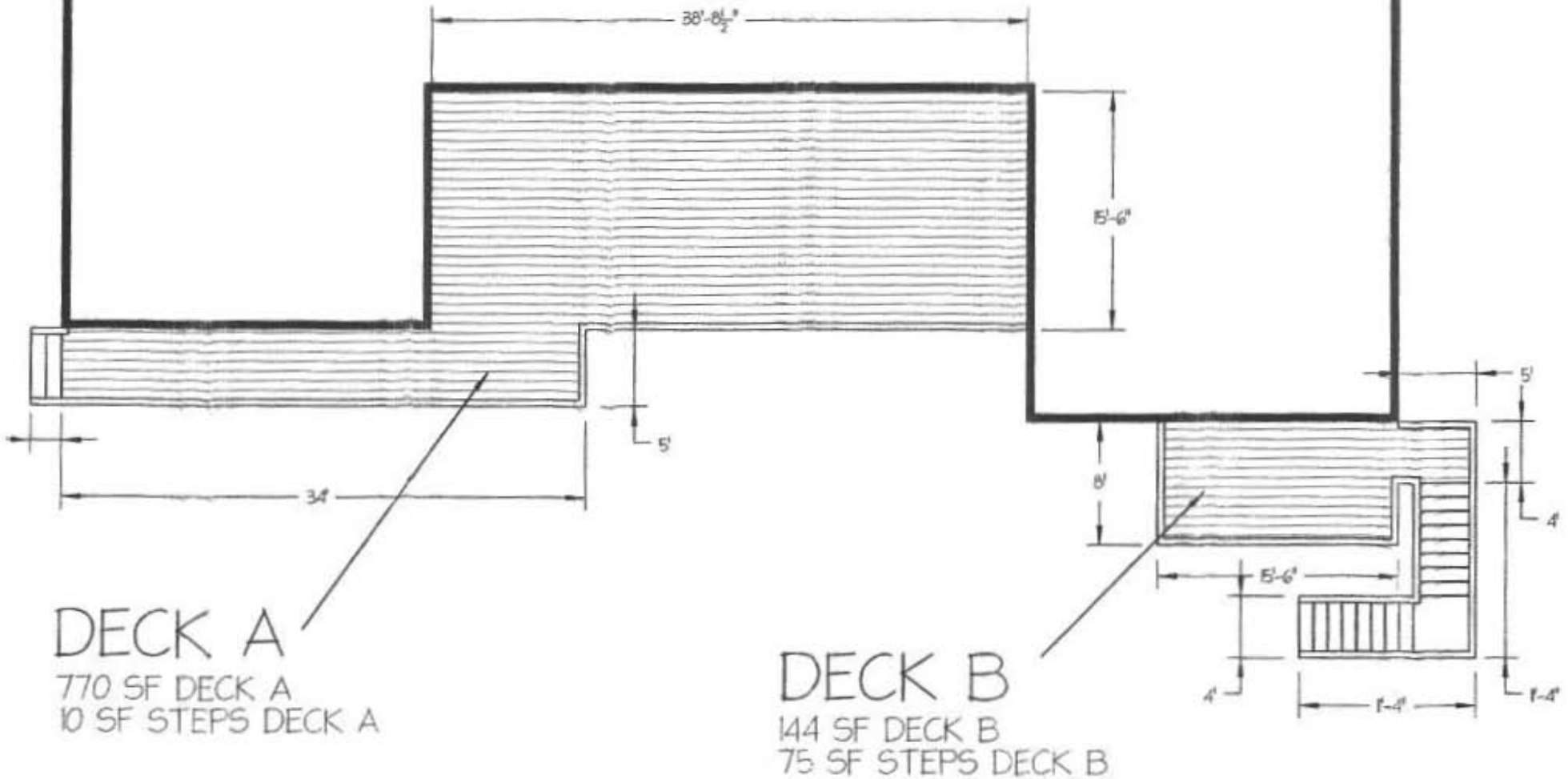


NO.	DESCRIPTION	QUANTITY	UNIT
1	...	...	...
2	...	...	...

NO.	DESCRIPTION	QUANTITY	UNIT
1	...	...	...
2	...	...	...
3	...	...	...
4	...	...	...
5	...	...	...
6	...	...	...
7	...	...	...
8	...	...	...
9	...	...	...
10	...	...	...



RESIDENCE



BOROWY DECK DIMENSIONS

SCALE: 1" = 100'

RECEIVED

DEC 20 2017

LICENSES & PERMITS
DIVISION

December 20, 2017

Cathy Anest
Chief - Licensing and Permits
3430 Courthouse Drive
Ellicott City, MD 21043

INV# 517050

CK# 5810

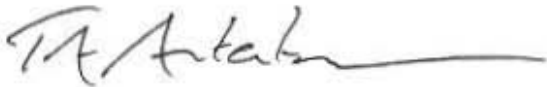
Dear Ms. Anest -

Attached please find the information required to add decks to the Building Permit #B17003892 for 16463 Frederick Road, Woodbine, MD 21797, along with a check for \$25.00. Our client wishes to build two attached decks and stairs concurrent with the construction of the house.

Please let me know if you require any additional information.

Thank you for your assistance in this matter.

Respectfully -




Todd Arterburn, Principal
Rainmaker Contracting Inc.
443-829-9224
tarterburn@therainmakergroup.com

Deck 1: will be 8' x 15' 6"
with stairs.

Deck 2: will be 38' 8" by
15' 6" with stairs and
walkway.

CC: P12
Heath

Approved Septic System Plan
Howard County Health Department

Signature Date

B17003892



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.: B17003892

Health

Building Address: 16463 Frederick Road
 City: Woodbine State: MD Zip Code: 21797
 Suite/Apt. # _____ SDP/WP/BA #: _____
 Census Tract: _____ Subdivision: STANLEY L. MUESS
 Section: _____ Area: _____ Lot: 812
 Tax Map: 0007 Parcel: 0467 Grid: 0010
 Zoning: _____ Map Coordinates: _____ Lot Size: 5.0

Existing Use: N/A - New construction
 Proposed Use: single family dwelling
 Estimated Construction Cost: \$ 750,000
 Description of Work: Construction of new single family home with attached in-law apartment

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

Property Owner's Name: Sherree Stedding
 Address: 3140 Celina Ln
 City: Melbourne State: FL Zip Code: 32934
 Phone: 410-596-4482 Fax: _____
 Email: shereestedding@yahoo.com

Applicant's Name & Mailing Address, (if other than stated herein)
 Applicant's Name: SEE CONTRACTOR INFORMATION
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone: _____ Fax: _____
 Email: _____

Contractor Company: Rainmaker Contracting Inc
 Contact Person: Scott Arterburn
 Address: 6755 Business Pkwy #103
 City: Elkridge State: MD Zip Code: 21075
 License No.: 6485
 Phone: 410-829-9222 Fax: 410-379-8351
 Email: sarterburn@therainmakergroup.com

Engineer/Architect Company: Benchmark Engineering
 Responsible Design Prof.: John Carney P.E.
 Address: 8480 Baltimore National Pike #315
 City: Ellicott City State: MD Zip Code: 21043
 Phone: 410-465-6105 Fax: 410-465-6644
 Email: jcarney@bei-civilengineering.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 st floor: <u>50</u>	<u>75</u>
Area of construction (sq. ft.):	2 nd floor: <u>50</u>	<u>75</u>
	Basement: <u>50</u>	<u>75</u>
Use group:	<input type="checkbox"/> Finished Basement	
	<input checked="" 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>5</u>	
<input type="checkbox"/> Structural Steel	Multi-family Dwelling	
<input type="checkbox"/> Masonry	No. of efficiency units:	
<input checked="" 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Roof:	
Roadside Tree Project Permit #	<input type="checkbox"/> State Certified Modular	
<u>Attached</u>	<input type="checkbox"/> Manufactured Home	

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

RECEIVED
OCT 27 2017
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 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: _____
 Email Address: SARTERBURN@THERAINMAKERGROUP.COM
 Title/Company: PRINCIPAL/RAINMAKER CONTRACTING, INC

Print Name: SCOTT ARTERBURN
 Date: 10/20/17

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

AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
Building Officials		
PSZA (Zoning)		
PSZA (Engineering)		
Health	<u>11-1-17</u>	<u>ABernard</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	\$
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$
Add'l per Fee	\$
Total Fees	\$
Sub- Total Paid	\$
Balance Due	\$
Check	#



- BUILDING PERMIT PLAN NOTES:**
1. THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT FOR STANLEY B. MILLER PROPERTY, PLAT No. 3721. REFER TO THE PLATS FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS AND CONDITIONS.
 2. SEDIMENT AND EROSION CONTROLS WERE APPROVED BY HOWARD SOIL CONSERVATION DISTRICT UNDER A GRADING PLAN (GP-18-011) AND MAY BE MODIFIED FOR THIS SPECIFIC HOUSE.
 3. TOPOGRAPHY SHOWN HEREON IS TAKEN FROM THE APPROVED PERCOLATION CERTIFICATION PLANS AND TOPOGRAPHIC INFORMATION PROVIDED BY NTT ASSOCIATES, INC., ON OR ABOUT APRIL, 2016.
 4. ALL SEDIMENT AND EROSION CONTROL FEATURES USED ON THIS SITE SHALL COMPLY WITH THE 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
 5. ALL DRAINAGE AND STORMWATER MANAGEMENT FEATURES USED ON THIS SITE MUST COMPLY WITH THE APPROVED CONSTRUCTION PLANS EXCEPT AS WAIVED.
 6. THE PROPOSED WELL SHOWN ON THIS PLAN, HO-1, HAS BEEN STAKED BY BENCHMARK ENGINEERING, INC., AND WILL BE LOCATED WHEN COMPLETE.
 7. THERE ARE NO EXISTING WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THIS PROJECT'S BOUNDARY EXCEPT AS NOTED.
 8. ANY CHANGES TO A PRIVATE SEWAGE DISPOSAL AREA OR WELL BOX SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
 9. STORMWATER MANAGEMENT FOR THIS LOT WAS DESIGNED AND PROVIDED BY ONE MICRO-BIORETENTION FACILITY (MDE M-6) AND NON-ROOFTOP DISCONNECTION (MDE N-2).
 10. MICRO-BIORETENTION SHALL HAVE EITHER A 4" OR 6" ROOF LEADER DEPENDING ON ROOF-TOP AREA.
 11. THE OBLIGATION OF THE FOREST CONSERVATION ACT IS FULFILLED WITH THE FILING OF A DECLARATION OF INTENT. THIS DEVELOPMENT IS ELIGIBLE FOR A DECLARATION OF INTENT BECAUSE IS IT A SINGLE RESIDENTIAL LOT CLEARING LESS THAN 20,000 SQUARE FEET OF FOREST.

OWNER/BUILDER:
 SHEREE STEDDING
 3140 CELINA LANE
 MELBOURNE, FLORIDA 32934
 443-974-7636

BENCHMARK
 ENGINEERS • LAND SURVEYORS • PLANNERS
ENGINEERING, INC.
 6480 BALTIMORE NATIONAL PIKE & SUITE 315
 ELLICOTT CITY, MARYLAND 21043
 (P) 410-465-6105 • (F) 410-465-6644
 WWW.BEI-CVLENGINEERING.COM

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. 45577, Expiration Date: 06-08-2018.



ESD STORMWATER MANAGEMENT SUMMARY TABLE

Practice	#	Inches DA to practice	Imp Area to practice	0.26 inches ESDvs		1552 of ESDvs		Rv=0.22		Ownership	
				Required	Provided	Required	Provided	Required	Provided		
(M-6) MicroBioretention	#1	17,329	7,095	348	787	PASS	1088	1235	1.2	Private	
(N-2) Disc. of Non-Rooftop Runoff	#1	2,423	1,035					78	1.0	Private	
(N-2) Disc. of Non-Rooftop Runoff	#2	8,540	3,304					248	1.0		
Total Treated		28,292	11,434	348	787		1,552	1,561	1.2	396	602
Site Total		72,142	13,234								

The Impervious area that is left untreated is the portion of driveway steeper than 5%, sidewalk and driveway within state right-of-way. Overcompensated for in MBR

PLAN VIEW
 1" = 60'
NOTE:
 UNLESS OTHERWISE NOTED, THE FIRST RUN OF PVC ROOF LEADER SHALL BE 4" AND SHALL INCREASE TO AT LEAST 6" AFTER ANY CONFLUENCE OF 4" PIPES.

PROJECT: STANLEY B. MILLER
LOT 12

LOCATION: 16463 FREDERICK ROAD
 WOODBINE, MD 21797
 TAX MAP No. 07 - BLOCK No. 10 - PARCEL No. 467
 4TH ELECTION DISTRICT, TAX ID NUMBER: 04 334930

TITLE: BUILDING PERMIT PLAN

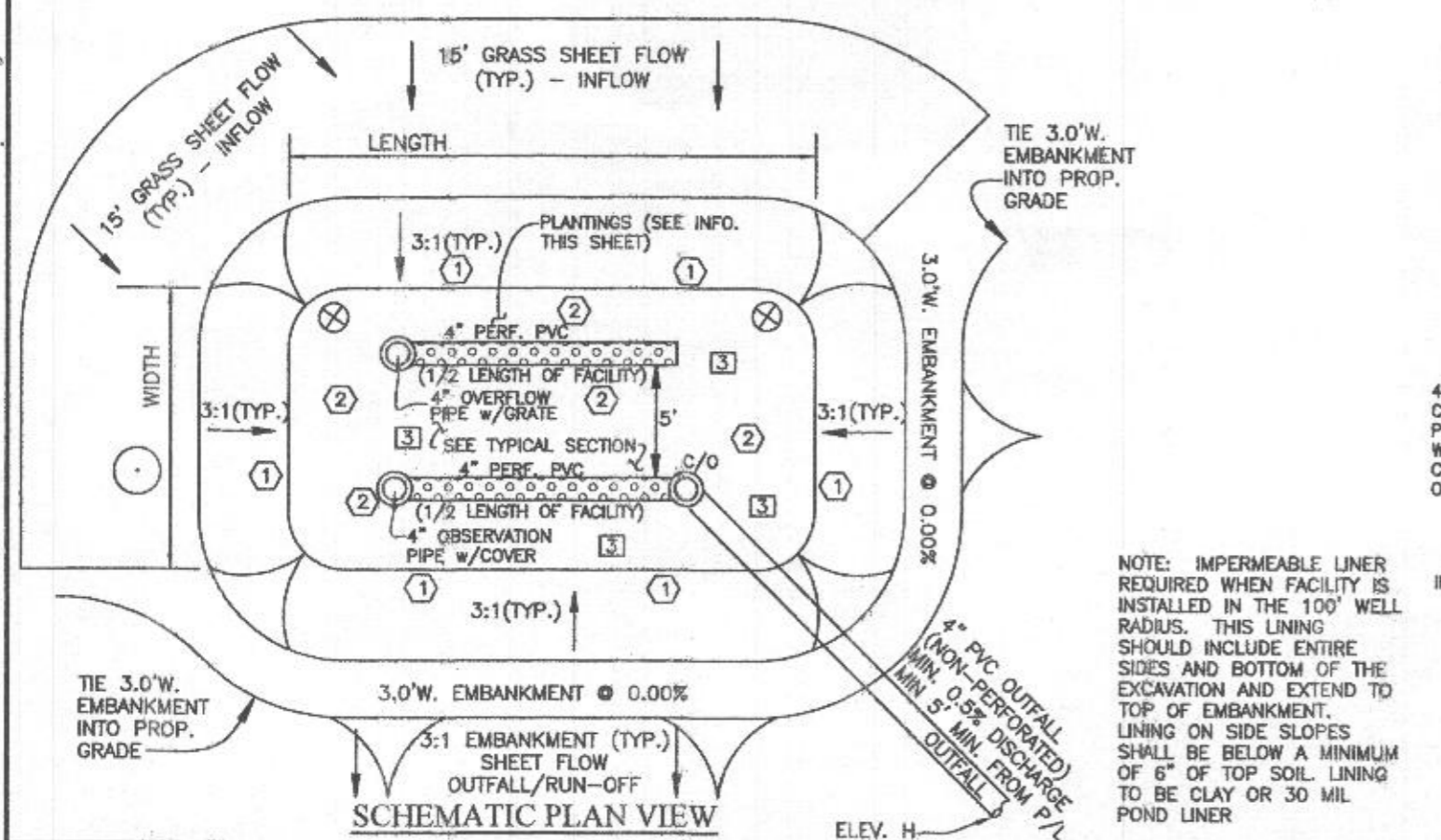
HOUSE TYPE: CUSTOM HOUSE

DATE: OCTOBER, 2017
PROJECT NO.: 2850

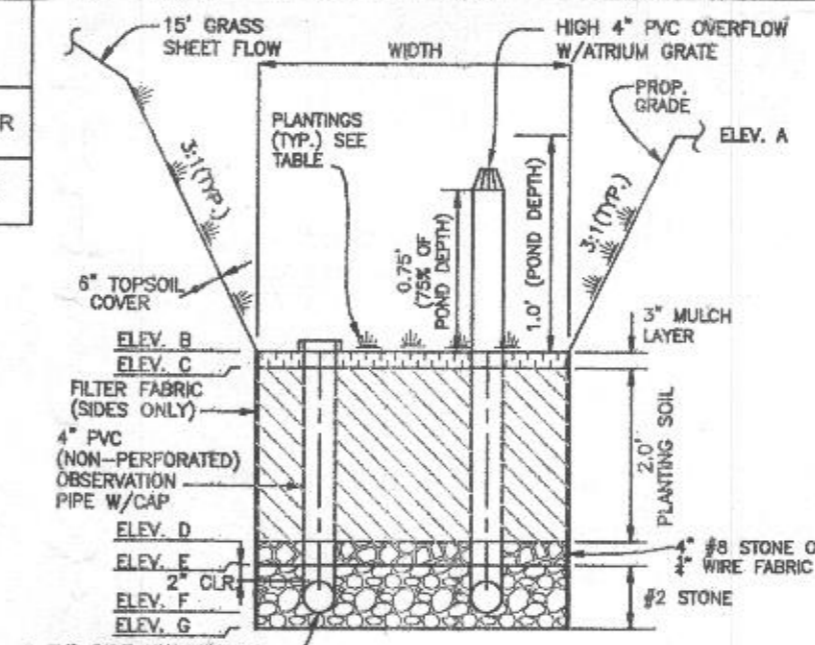
SCALE: AS SHOWN
DRAWING: 1 OF 2

ON-LOT BIORETENTION DIMENSIONS

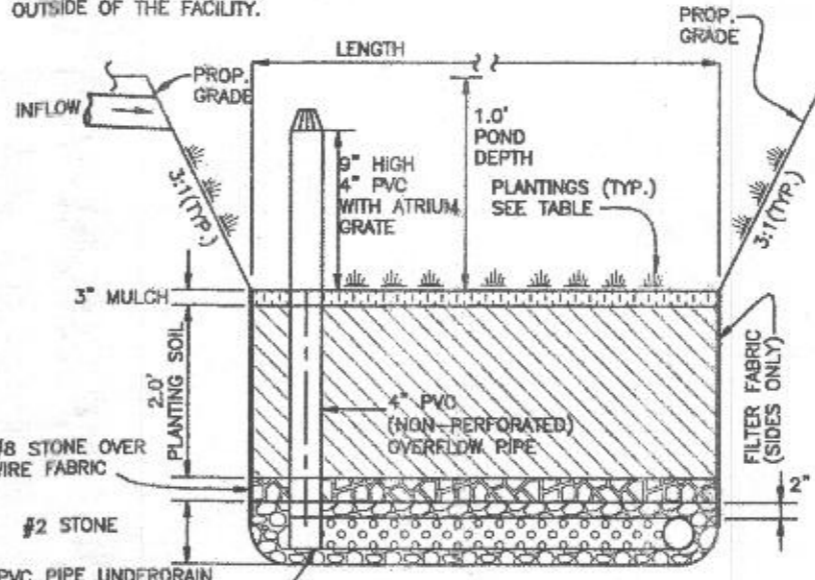
FACILITY	A	B	C	D	E	F	G	H	LENGTH	WIDTH	FILTER (A)	PLANTINGS			LINER
												1	2	3	
MBR-1	682.00	681.00	680.75	678.75	678.42	677.75	676.85	676.20	27.2	42.3	767	85	85	43	NO



NOTE: IMPERMEABLE LINER REQUIRED WHEN FACILITY IS INSTALLED IN THE 100' WELL RADIUS. THIS LINING SHOULD INCLUDE ENTIRE SIDES AND BOTTOM OF THE EXCAVATION AND EXTEND TO TOP OF EMBANKMENT. LINING ON SIDE SLOPES SHALL BE BELOW A MINIMUM OF 6" OF TOP SOIL. LINING TO BE CLAY OR 30 MIL POND LINER



4" PVC PIPE UNDERDRAIN COLLECTION SYSTEM. PERFORATE PIPE @ 0.0% WITHIN AREA OF FACILITY, CHANGING TO 0.5% SLOPE OUTSIDE OF THE FACILITY.



4" PVC PIPE UNDERDRAIN COLLECTION SYSTEM. PERFORATE PIPE @ 0.0% WITHIN AREA OF FACILITY, CHANGING TO 0.5% SLOPE OUTSIDE OF THE FACILITY.

MICROBIORETENTION PLANTING SCHEDULE

- (PLANTING SPECIES AND DENSITY CAN BE CHANGED OR SUBSTITUTED BY A LANDSCAPE ARCHITECT OR QUALIFIED DESIGNER)
- 1 IRIS FULVA (COPPER IRIS) (1 PER SY)
 - 2 LOBELIA CARDINALIS (CARDINAL FLOWER) (1 PER SY)
 - 3 RUDBECKIA SUBTOMENTOSA (SWEET CONEFLOWER) (1 PER 2 SY)
 - 4 CALLUNA VULGARIS (HEATHER) (1 PER FACILITY)
 - 5 ACER GINNALA (ARMUR MAPLE) (1 PER FACILITY)

MICROBIORETENTION PLANTING DATA

- PLANTINGS WITHIN THE PONDING AREA OF THE FACILITY ARE TO BE OF A MEDIUM TO HIGH WATER TOLERANCE
- PLANTINGS ALONG THE PERIMETER (BERM) AREA OF THE FACILITY ARE TO BE OF A LOW TO MEDIUM WATER TOLERANCE
- AVOID PLANTINGS WITH EXCESSIVE ROOT MASS IN POND AREA OF THE RAIN GARDEN NEAR O.B. PIPE AND UNDERDRAIN.

OPERATION AND MAINTENANCE SCHEDULE FOR MICRO-BIORETENTION (M-6)

- THE OWNER SHALL MAINTAIN THE PLANT MATERIAL, MULCH LAYER AND SOIL LAYER ANNUALLY. MAINTENANCE OF MULCH AND SOIL IS LIMITED TO CORRECTING AREAS OF EROSION OR WASH OUT. ANY MULCH REPLACEMENT SHALL BE DONE IN THE SPRING. PLANT MATERIAL SHALL BE CHECKED FOR DISEASE AND INSECT INFESTATION AND MAINTENANCE WILL ADDRESS DEAD MATERIAL AND PRUNING. ACCEPTABLE REPLACEMENT PLANT MATERIAL IS LIMITED TO THE FOLLOWING: 2000 MARYLAND STORMWATER DESIGN MANUAL VOLUME II, TABLE A.4.1 AND 2.
- THE OWNER SHALL PERFORM A PLANT INSPECTION IN THE SPRING AND IN THE FALL OF EACH YEAR. DURING THE INSPECTION, THE OWNER SHALL REMOVE DEAD AND DISEASED VEGETATION CONSIDERED BEYOND TREATMENT, REPLACE DEAD PLANT MATERIAL WITH ACCEPTABLE REPLACEMENT PLANT MATERIAL, TREAT DISEASED TREES AND SHRUBS, AND REPLACE ALL DEFICIENT STAKES AND WIRES.
- THE OWNER SHALL INSPECT THE MULCH EACH SPRING. THE MULCH SHALL BE REPLACED EVERY TWO TO THREE YEARS. THE PREVIOUS MULCH LAYER SHALL BE REMOVED BEFORE THE NEW LAYER IS APPLIED.
- THE OWNER SHALL CORRECT SOIL EROSION ON AN AS NEEDED BASIS, WITH A MINIMUM OF ONCE PER MONTH AND AFTER EACH HEAVY STORM.

OPERATION AND MAINTENANCE SCHEDULE FOR PRIVATELY OWNED AND MAINTAINED DISCONNECTION OF ROOFTOP RUNOFF (N-1), DISCONNECTION OF NON-ROOFTOP RUNOFF (N-2)

- MAINTENANCE OF AREAS RECEIVING DISCONNECTED RUNOFF IS GENERALLY NO DIFFERENT THAN THAT REQUIRED FOR OTHER LAWN OR LANDSCAPED AREAS. THE OWNER SHALL ENSURE THE AREAS RECEIVING RUNOFF ARE PROTECTED FROM COMPACTION OR DEVELOPMENT OF IMPERVIOUS AREA. IN COMMERCIAL AREAS, FOOT TRAFFIC SHOULD BE DISCOURAGED AS WELL.

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. 45577, Expiration Date: 06-08-2018.



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SHEREE STEDDING
3140 CELINA LANE
MELBOURNE, FLORIDA 32934
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ENGINEERING, INC.
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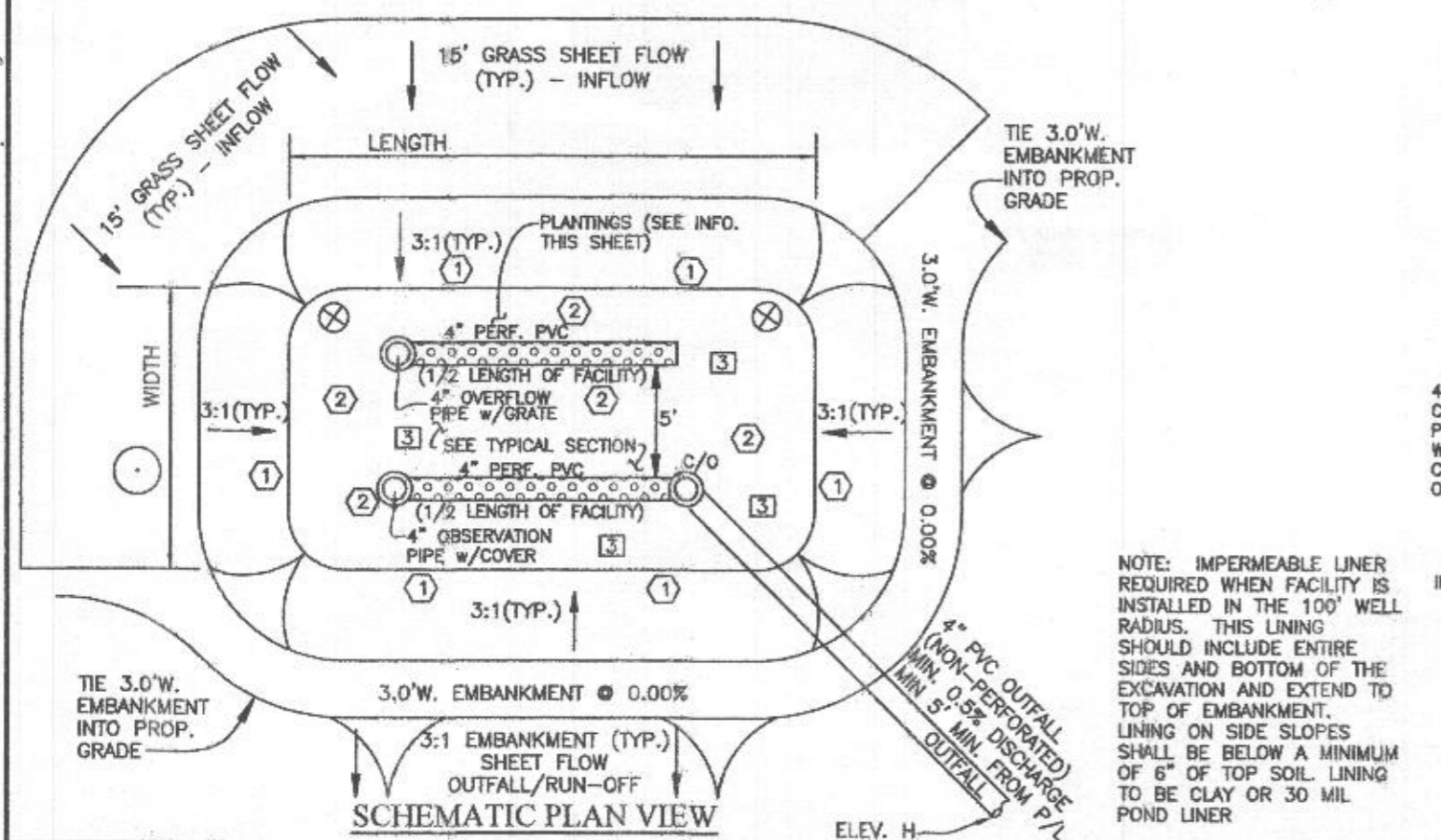
MATERIALS & SPECIFICATIONS FOR MICRO-BIORETENTION

MATERIAL	SPECIFICATION	SIZE	NOTES:
PLANTINGS	SEE APPENDIX A; TABLE A.4	N/A	PLANTINGS ARE SITE SPECIFIC
PLANTING SOIL (2.0' TO 4.0' DEEP)	LOAMY SAND 60-85% COMPOST 35-40% OR SANDY LOAM 30% COARSE SAND 30% & COMPOST 40%	N/A	USDA SOIL TYPES: LOAMY SAND OR SANDY LOAM; CLAY CONTENT <5%
ORGANIC CONTENT	MIN 10% BY DRY WEIGHT ASTM D 2974		
MULCH	SHREDDED HARDWOOD	N/A	AGED 6 MONTHS, MINIMUM, NO PINE OR WOOD CHIPS
GEOTEXTILE (CLASS "C")		N/A	PE TYPE 1 NONWOVEN
GEOTEXTILE (1/4" WIRE MESH)		1/4" WIRE MESH	1/4" WIRE MESH
UNDERDRAIN GRAVEL	AASHTO M-43	NO. 57 OR NO. 6	0.375" TO 0.750"
UNDERDRAIN PIPING	F758, TYPE PS28 OR AASHTO M-278	4" TO 6" RIGID SCH.40 PVC, SDR35 OR HDPE	3/8" PERF. @ 6" O/C, 4 HOLES PER ROW; MINIMUM OF 3" OF GRAVEL OVER PIPES, NOT NECESSARY UNDERNEATH PIPES. PIPE SHALL BE WRAPPED WITH 1/4-INCH GALVANIZED HARDWARE CLOTH
IMPERVIOUS LINER	ASTM-D-4833 (THICKNESS) ASTM-D-412 (TENSILE STRENGTH 1,100 LB., ELONGATION 200%) ASTM-D-624 (TEAR RESISTANCE - 150 LB./IN) ASTM-D-471 (WATER ADSORPTION: +8 TO -2% MASS)	30 MIL THICK	LINER TO BE ULTRAVIOLET RESISTANT. A GEOTEXTILE FABRIC SHOULD BE USED TO PROTECT THE LINER FROM PUNCTURE.
GEOTEXTILE (BELOW IMPERV. LINER)	ASTM-D-4833 (PUNCTURE STRENGTH 125LB) ASTM-D-4832 (TENSILE STRENGTH 300 LB.)		

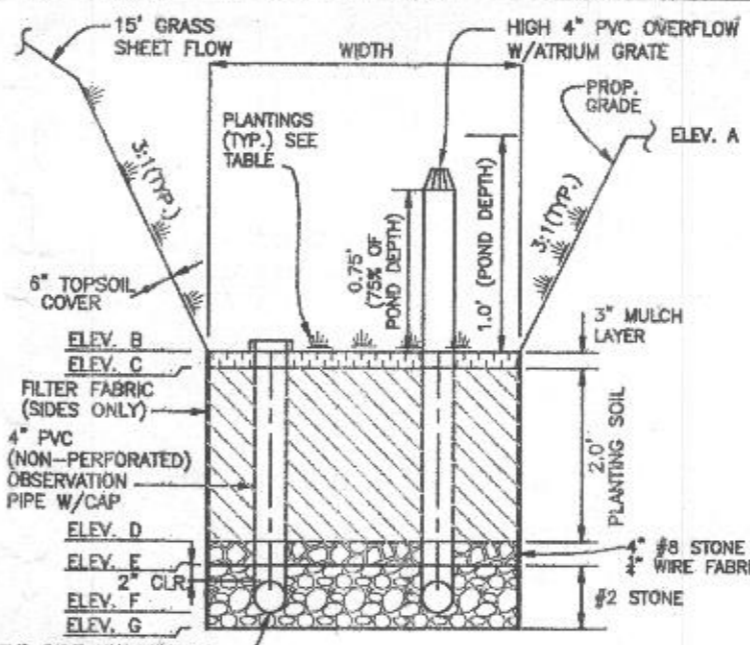
PROJECT:	STANLEY B. MILLER LOT 12	
LOCATION:	15463 FREDERICK ROAD WOODBINE, MD 21797 TAX MAP No. 07 - BLOCK No. 10 - PARCEL No. 467 4TH ELECTION DISTRICT, TAX ID NUMBER: 04 334930	
TITLE:	BUILDING PERMIT & STORMWATER MANAGEMENT NOTES & DETAILS	
HOUSE TYPE:	CUSTOM HOUSE	
DATE:	OCTOBER, 2017	PROJECT NO. 2850
SCALE:	NOT TO SCALE	DRAWING 2 OF 2

ON-LOT BIORETENTION DIMENSIONS

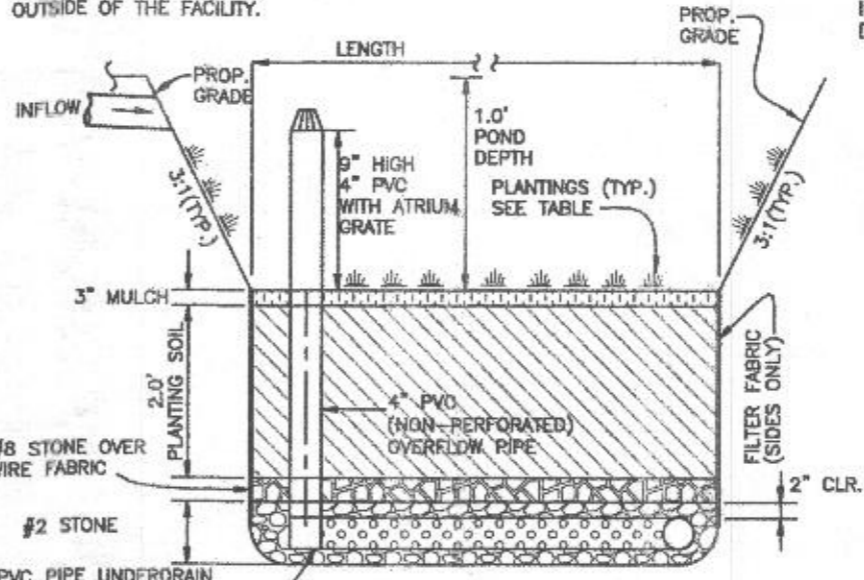
FACILITY	A	B	C	D	E	F	G	H	LENGTH	WIDTH	FILTER (A)	PLANTINGS			LINER
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MBR-1	682.00	681.00	680.75	678.75	678.42	677.75	676.85	676.20	27.2	42.3	767	85	85	43	NO



NOTE: IMPERMEABLE LINER REQUIRED WHEN FACILITY IS INSTALLED IN THE 100' WELL RADIUS. THIS LINING SHOULD INCLUDE ENTIRE SIDES AND BOTTOM OF THE EXCAVATION AND EXTEND TO TOP OF EMBANKMENT. LINING ON SIDE SLOPES SHALL BE BELOW A MINIMUM OF 6" OF TOP SOIL. LINING TO BE CLAY OR 30 MIL POND LINER



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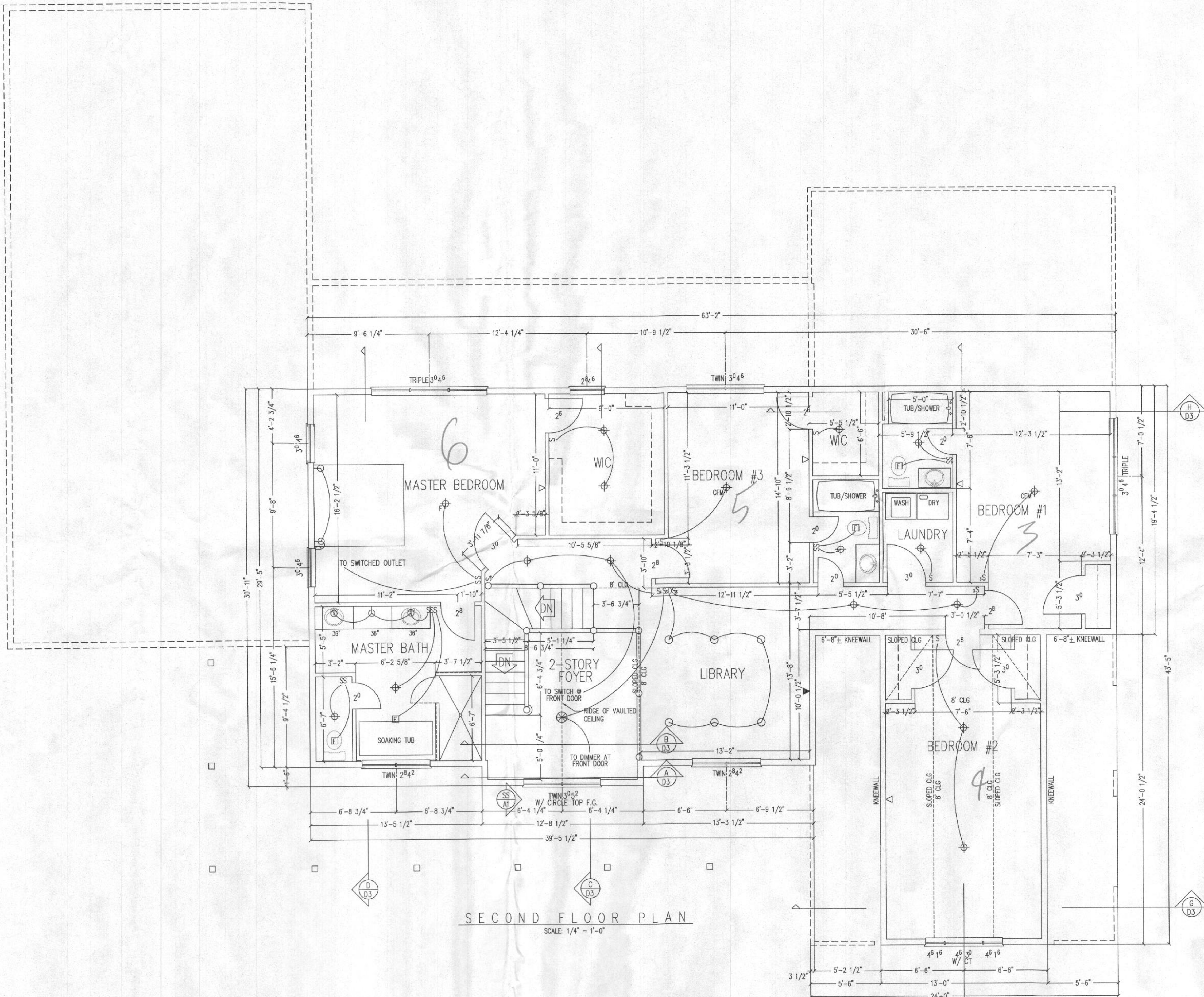
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WWW.BEI-CMLENGINEERING.COM

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MATERIAL	SPECIFICATION	SIZE	NOTES:
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ORGANIC CONTENT	MIN 10% BY DRY WEIGHT ASTM D 2974		
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GEOTEXTILE (CLASS "C")		N/A	PE TYPE 1 NONWOVEN
GEOTEXTILE (1/4" WIRE MESH)		1/4" WIRE MESH	1/4" WIRE MESH
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PROJECT:	STANLEY B. MILLER LOT 12	
LOCATION:	15463 FREDERICK ROAD WOODBINE, MD 21797 TAX MAP No. 07 - BLOCK No. 10 - PARCEL No. 467 4TH ELECTION DISTRICT, TAX ID NUMBER: 04 334930	
TITLE:	BUILDING PERMIT & STORMWATER MANAGEMENT NOTES & DETAILS	
HOUSE TYPE:	CUSTOM HOUSE	
DATE:	OCTOBER, 2017	PROJECT NO. 2850
SCALE:	NOT TO SCALE	DRAWING 2 OF 2



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

GENERAL NOTES:
 - DIMENSIONS ARE FROM THE EDGES OF FRAME WALL OR CENTERS OF DOORS & WINDOWS
 - ALL WINDOWS ARE DOUBLE HUNG UNLESS OTHERWISE NOTED
 - ALL FRAME OPENINGS SHALL HAVE DBL 2X10 HEADERS UNLESS NOTED. ROUGH OPENING HEIGHT SHOULD BE APPROX. 6'-10 3/4"

- ELECTRICAL FIXTURES**
- RECESSED FIXTURE ○
 - KEYLESS FLUORESCENT FIXTURE K
 - CHANDELIER ⊗
 - CEILING FIXTURE ⊕
 - SCONCE ⊙
 - PENDANT ⊖
 - CEILING FAN ⊕
 - CEILING FIXTURE USING CEILING FAN MOUNT ⊕
 - EXHAUST FAN ⊕
 - UNDER CABINET RECEPTACLE □
 - CATV (FINAL WALL LOCATION TBD IN FIELD) ▽
 - CATV AND PHONE JACK ▼

The Patterson III

Rainmaker Development, Inc.

6755 Business Parkway, Suite 103
 Elkridge, Maryland 21075
 410-379-1525

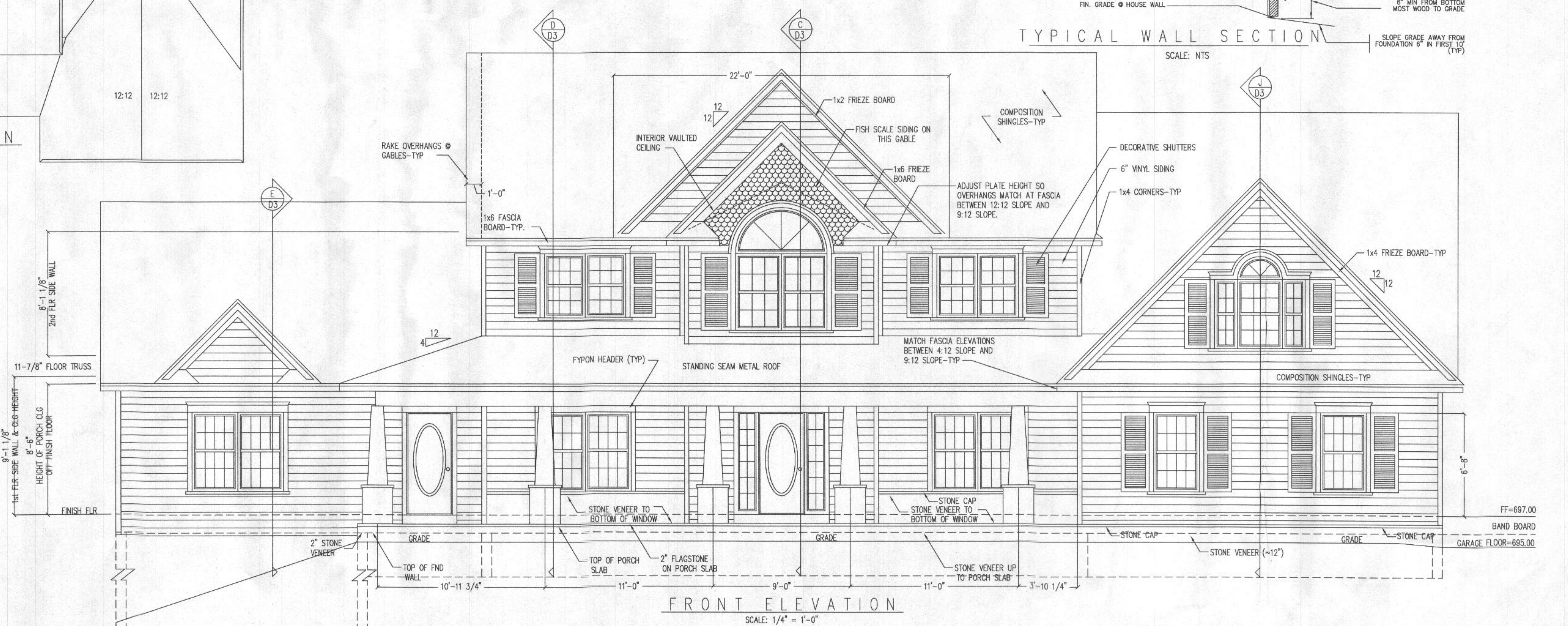
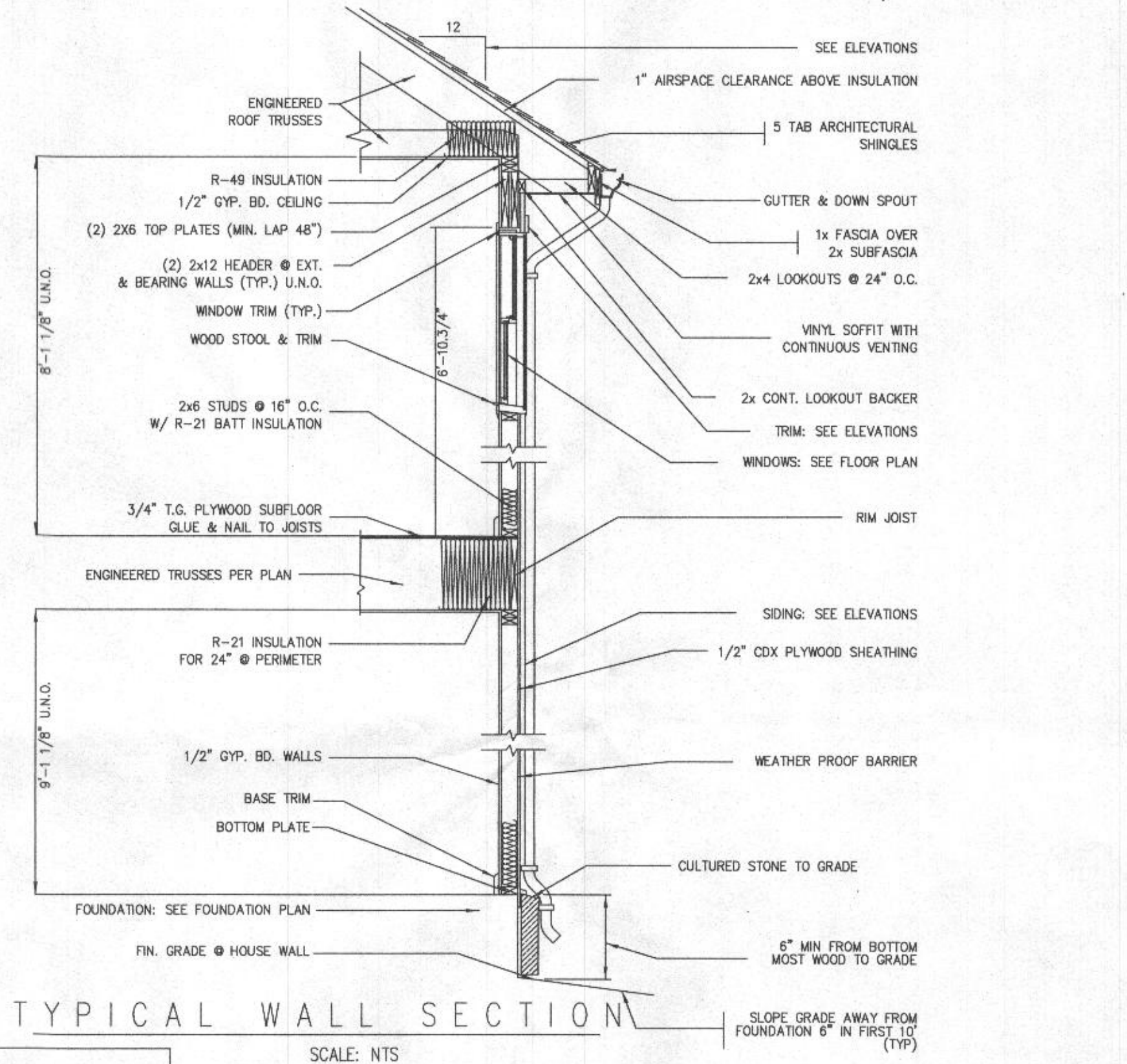
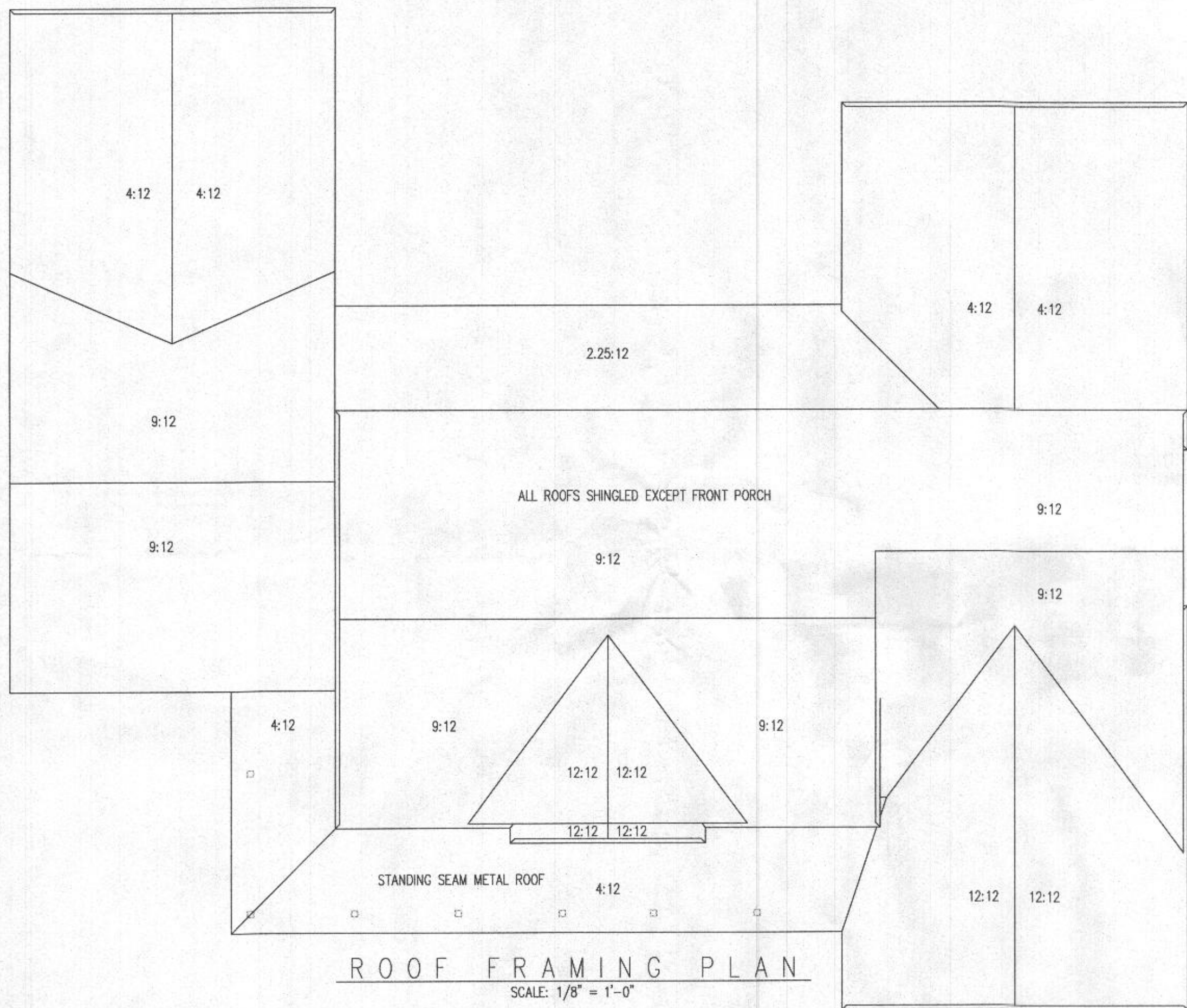
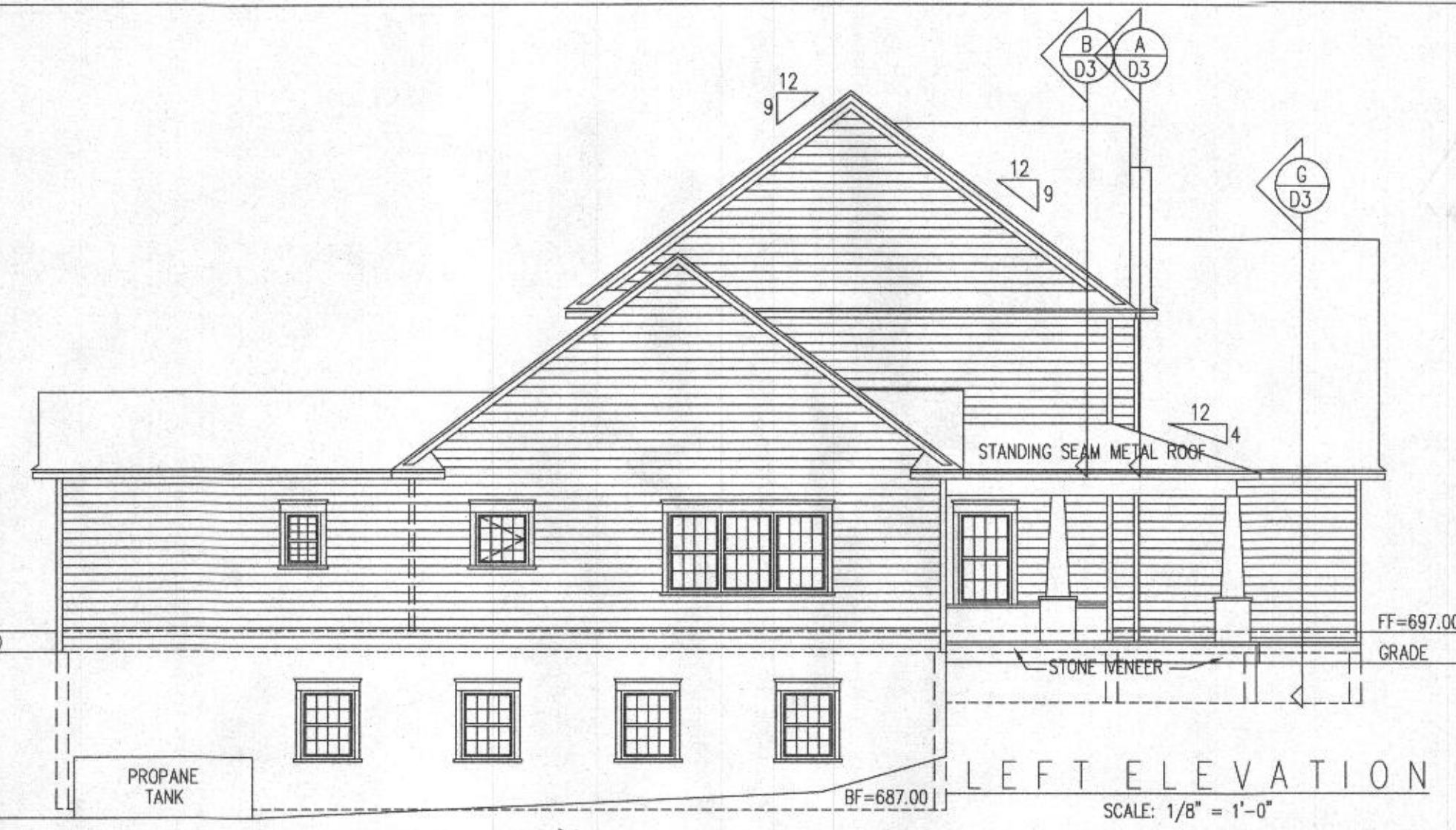
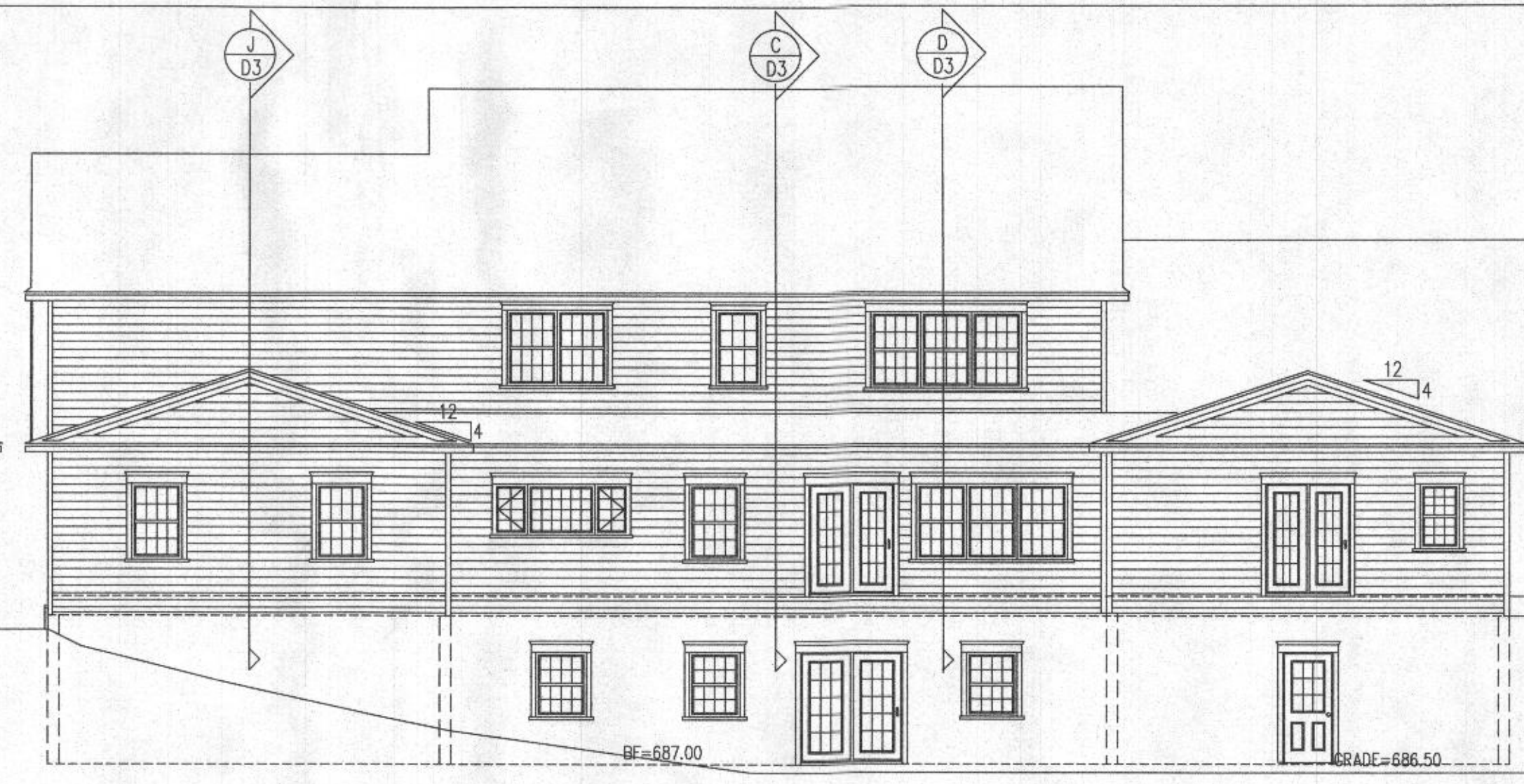
SECOND FLOOR FRAMING PLAN

16463 Frederick Road, Woodbine, MD
 Tax Map 7, Grid 10, Parcel 467

A2

Date:

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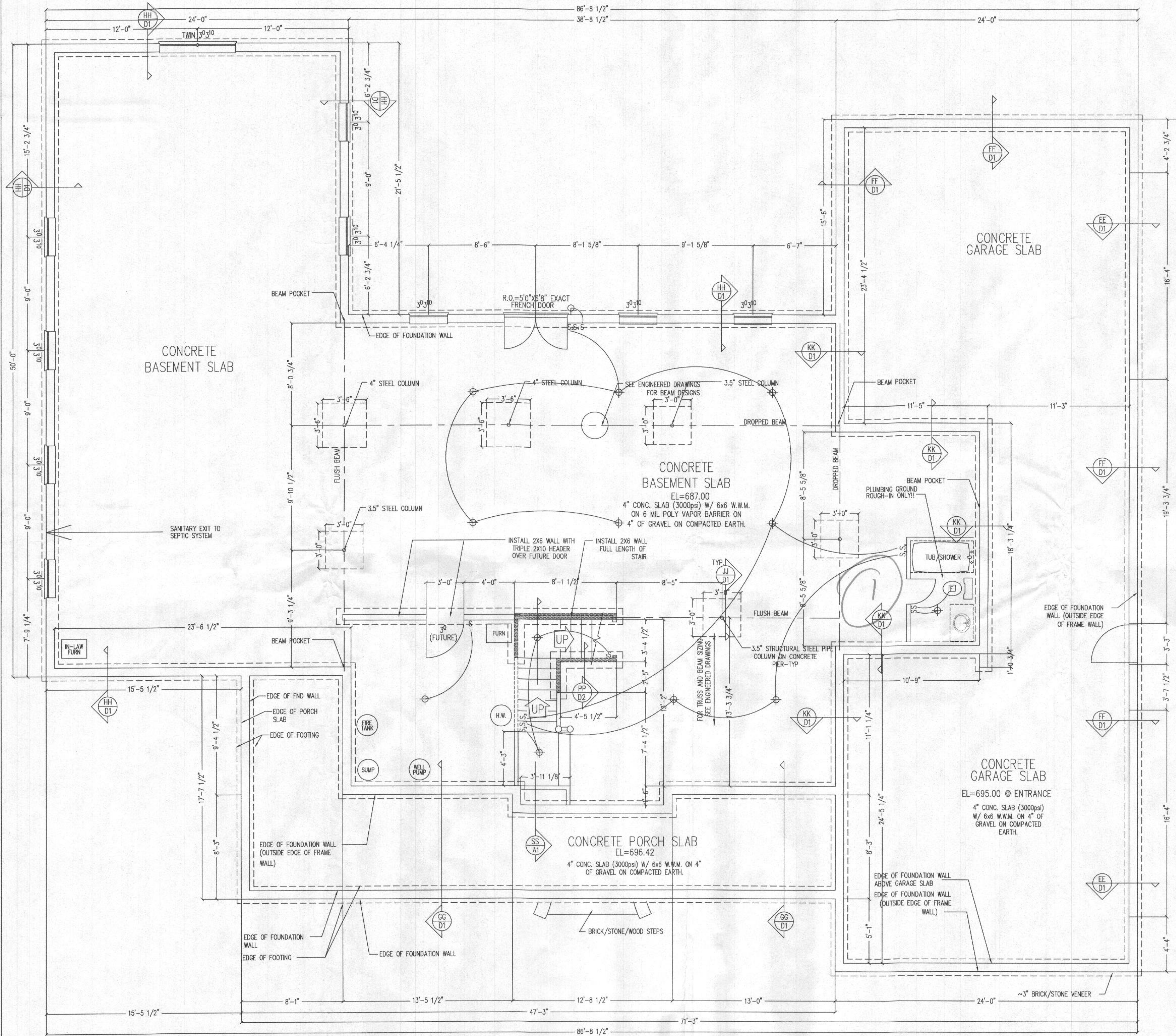
Patterson III

Rainmaker Development, Inc.
6755 Business Parkway, Suite 103
Elkridge, Maryland 21075
410-379-1525

ELEVATIONS
16463 Frederick Road, Woodbine, MD
Tax Map 7, Grid 10, Parcel 467

A3

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FOUNDATION PLAN - BASEMENT
SCALE: 1/4" = 1'-0"

ELECTRICAL FIXTURES

- RECESSED FIXTURE ○
- KEYLESS FLUORESCENT FIXTURE K
- CHANDELIER ⊗
- CEILING FIXTURE ⊕
- SCONCE ⊖
- PENDANT ⊙
- CEILING FAN ⊕
- CEILING FIXTURE USING CEILING FAN MOUNT ⊕
- EXHAUST FAN ⊕
- UNDER CABINET RECEPTACLE ⊕
- CATV (FINAL WALL LOCATION TBD IN FIELD) ▽
- CATV AND PHONE JACK ▼

FOUNDATION NOTES:

- DIMENSIONS ARE FROM THE EDGES OF FRAMING, CONC. SLABS OR EDGES OF OPENINGS
- INSTALL 6 MIL. VAPOR BARRIER UNDER CONCRETE SLABS OF ALL HEATED AREAS
- LAP (24" MIN.) AND TIE REBAR AT ALL SPLICES AND INTERSECTIONS
- ALL FOOTINGS ARE 8"x16" UNLESS NOTED OTHERWISE

GENERAL NOTES:

- DIMENSIONS ARE FROM THE EDGES OF FRAME WALL OR CENTERS OF DOORS & WINDOWS
- ALL WINDOWS ARE DOUBLE HUNG UNLESS OTHERWISE NOTED
- INSTALL 6 MIL. VAPOR BARRIERS UNDER CONCRETE SLABS OF ALL HEATED AREAS
- ALL FRAME OPENINGS SHALL HAVE DBL 2X10 HEADERS UNLESS NOTED. ROUGH OPENING HEIGHTS SHOULD BE APPROX. 6'-10 3/4" -
- NUMBER OF STEPS TO BE DETERMINED BY GRADE (HANDRAL REQ'D FOR 3 OR MORE RISERS) MAX. RISERS = 7 3/4".

The Patterson III

Rainmaker Development, Inc.

6755 Business Parkway, Suite 103
Elkridge, Maryland 21075
410-379-1525

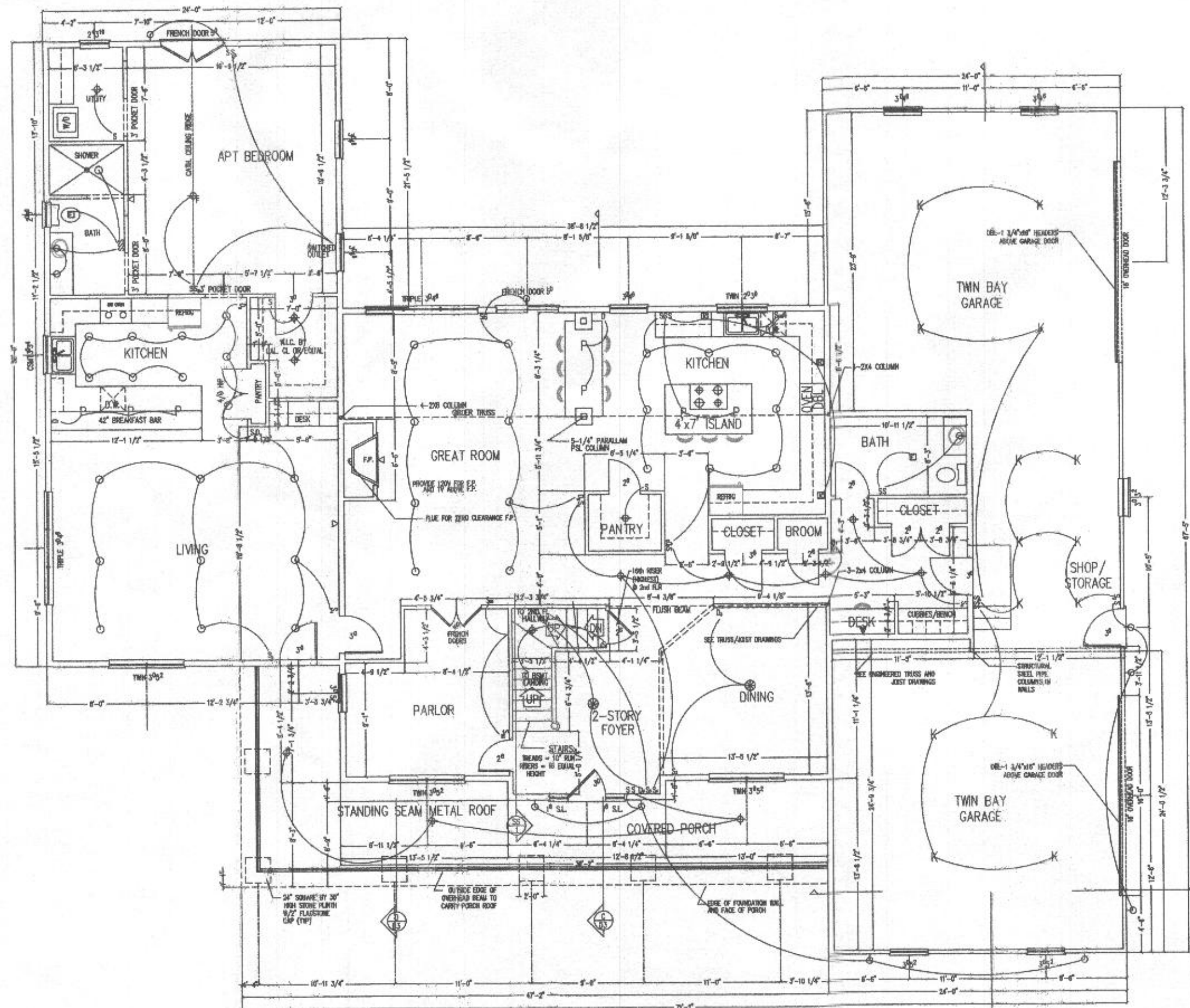
Date:

FOUNDATION PLAN

16463 Frederick Road, Woodbine, MD 21797
Tax Map 7, Parcel 467, Lot 12, Stanley Miller Property



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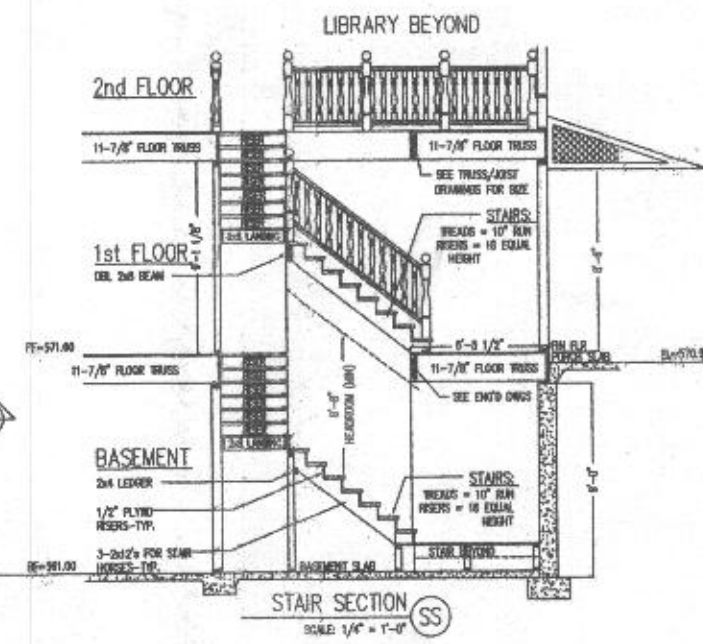
FIRST FLOOR PLAN
SCALE 1/4" = 1'-0"

ELECTRICAL FIXTURES

- RECESSED FEATURE
- RECESSED FLUORESCENT FEATURE
- CHANDELIER
- CEILING FEATURE
- SOUND
- PENDANT
- CEILING FAN
- CEILING FEATURE USING CEILING FAN MOUNT
- EXHAUST FAN
- SINKED CABINET RECEPTACLE
- ▽ CITY (FINAL WALL LOCATION TO BE IN FIELD)
- ▽ CITY AND PHONE JACK

GENERAL NOTES:

- DIMENSIONS ARE FROM THE EDGES OF FRAME WALL OR CENTERS OF DOORS & WINDOWS
- ALL WINDOWS ARE DOUBLE HUNG UNLESS OTHERWISE NOTED
- ALL FRAME OPENINGS SHALL HAVE 2X10 HEADERS UNLESS NOTED. ROUGH OPENING HEIGHT SHOULD BE APPROX. 6'-10 3/4"
- SEE SHEET NO-3 FOR PORTAL BRACING DESIGN AT GARAGE



STAIR SECTION
SCALE 1/4" = 1'-0"

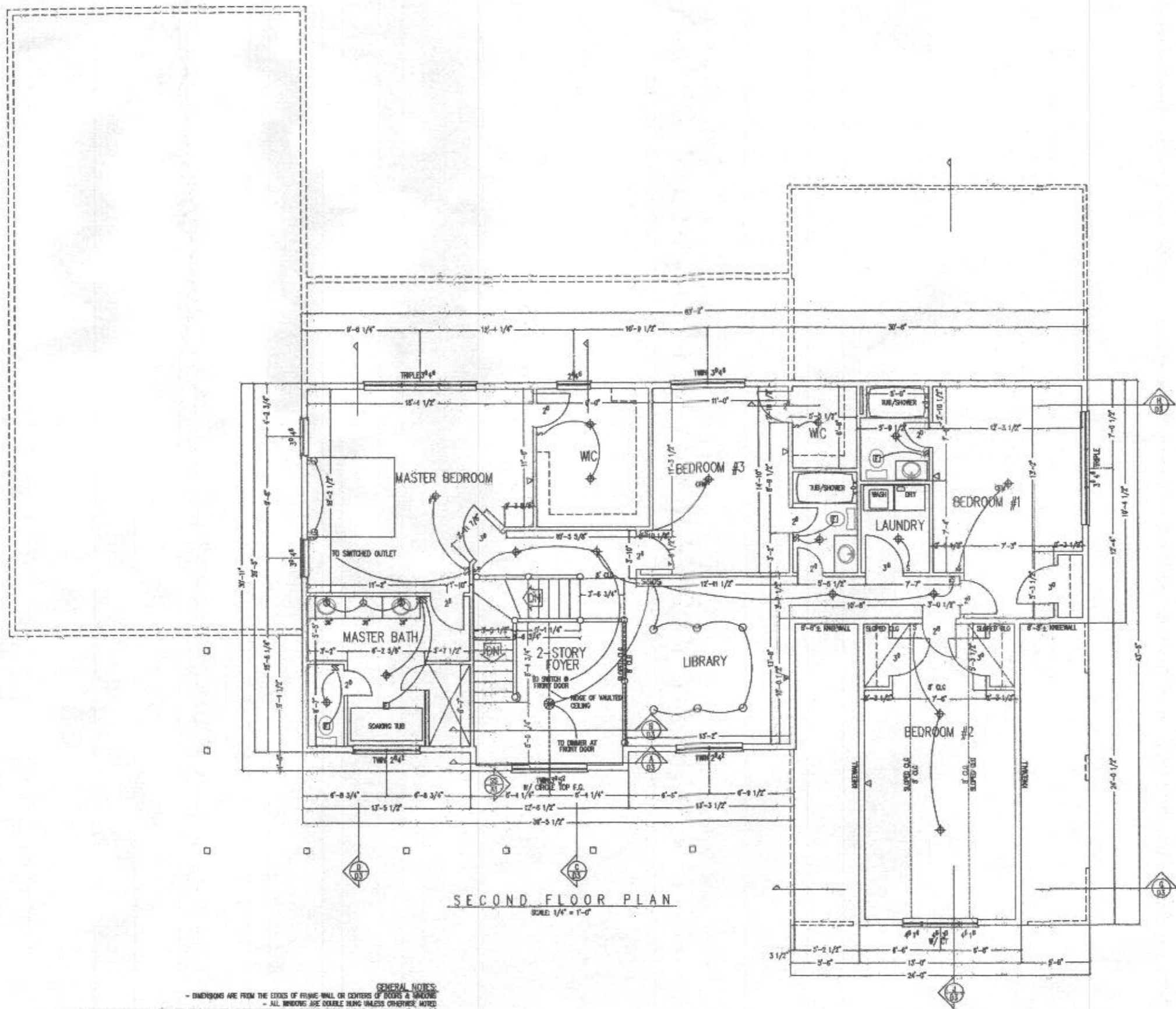
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Elkridge, Maryland 21075
410-379-1525

FIRST FLOOR FRAMING PLAN
16463 Frederick Road, Woodbine, MD
The Shop 7, 04/10, Revised 0/0

A1

B17003892



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

GENERAL NOTES:
 - DIMENSIONS ARE FROM THE EXTERIOR OF FRAME WALL OR CENTERS OF DOORS & WINDOWS
 - ALL WINDOWS ARE DOUBLE HUNG UNLESS OTHERWISE NOTED
 - ALL FRAME OPENINGS SHALL HAVE OMBL 2000 HEADERS UNLESS NOTED. ROUGH OPENING HEIGHT SHOULD BE APPROX. 6'-10 3/4"

- ELECTRICAL FIXTURES**
- RECESSED FIXTURE ○
 - RECESSIBLE FLUORESCENT FIXTURE □
 - CANDELER ⦿
 - CYLINDRICAL □
 - SCISSOR ⦿
 - PENDANT ○
 - CYLINDRICAL FAN ⦿
 - CYLINDRICAL FAN WITH LIGHT ⦿
 - UNDER CABINET RECESSED □
 - UNDER CABINET FAN □
 - CATV (FINAL WALL LOCATION TBD IN FIELD) ▽
 - CATV AND PHONE JACK ▽

The Patterson III

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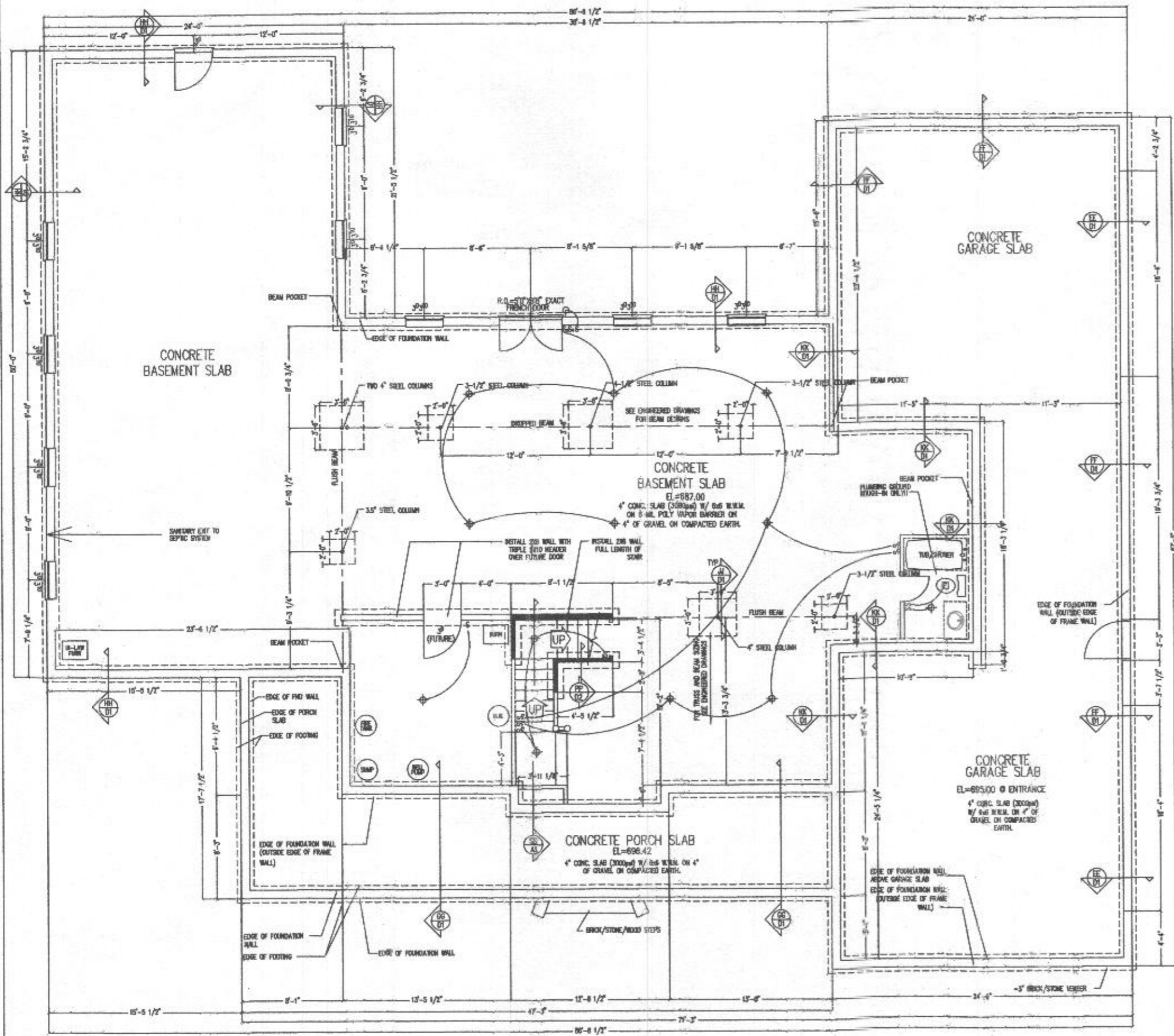
6755 Business Parkway, Suite 103
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 410-379-1525

Date:

SECOND FLOOR FRAMING PLAN

16463 Frederick Road, Woodbine, MD
 See Map 7, Add 10, Parcel 467

A2



ELECTRICAL FIXTURES

- NECESSED FIXTURE ○
- RECESSED FLUORESCENT FIXTURE K
- CHIMNEYS K
- CEILING FIXTURE ⊕
- SCOFF ○
- PENDANT ○
- CEILING FAN ⊕
- CEILING FIXTURE USING CEILING CHIMNEY ⊕
- EXHAUST FAN ⊕
- UNDER CHIMNEY RECEPTACLE ⊕
- CATV (FINAL WALL LOCATION 100 IN FIELD) ▽
- CATV AND PHONE JACK ▽

- FOUNDATION NOTES:**
- DIMENSIONS ARE FROM THE EDGES OF FRAMING, CONCRETE SLABS OR EDGES OF OPENINGS
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SCALE: 1/4" = 1'-0"

The Patterson III
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Date: _____
FOUNDATION PLAN
15463 Frederick Road, Woodbine, MD 21797
See Map 7, Parcel 657, Lot 12, Skelley Mill Property