

COMPLETE THIS FORM WHEN DROPPING OFF ANY
CORRESPONDENCE AND/OR PLANS TO THE HOWARD COUNTY
DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS COUNTER:

Date: Feb. 22, 18
To: San Swinder Review
(Person's Name and Division)
From: Errol Watson ()
(Your Name, Company Name and Telephone Number)
Subject: Project name Detached Garage Watson
Project site address 13675 Nichols Dr.
Permit # B17004520 SDP # _____
Other information pertinent to this project _____

RECEIVED
FEB 22 2018
PLAN REVIEW DIVISION

- Please check the attachments below that you are submitting with this transmittal:
- Letter of response to address plan review comment letter
 - Revised plans and/or revised details: When submitting for a complete re-review, duplicate sets shall be submitted.
 - Letter Summarizing Changes
 - Energy conservation calculations
 - 3 Copies of _____ (be specific).
_____ Health Department Request _____ DPZ/ DED Request _____ Applicant's Request
 - Two sets of single family dwelling model plans to be placed on permanent file: Model name and/or # _____
 - Other _____

Contact Person Information: (Required)

ERROL WATSON
Please Print Name

Telephone No: (240) 286-3907

E-Mail Address: EEWATSON@TECOLL.COM

PLEASE ASSURE ALL DOCUMENTS AND/OR REVISIONS ARE APPROPRIATELY SIGNED AND SEALED, IF NECESSARY, BY A LICENSED ARCHITECT OR ENGINEER. PLEASE BE ADVISED THAT INSUFFICIENT INFORMATION MAY RESULT IN THE DELAY OF REVIEW BY THE PLANS EXAMINER. THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS WILL CONTACT YOU IF THERE IS A PROBLEM. IN ADDITION, ONCE THE BUILDING PERMIT IS APPROVED BY THE PLAN REVIEW DIVISION AND ALL OTHER REQUIRED SIGNATORY AGENCIES, AND THE BUILDING PERMIT IS READY FOR ISSUANCE, THE PERMIT DIVISION WILL NOTIFY THE APPROPRIATE CONTACT PERSON FOR PERMIT PICK UP. ALL PERMIT STATUS INQUIRIES SHALL BE DIRECTED TO THE PERMIT DIVISION AT 410-313-2455. CODE RELATED QUESTIONS AND PLAN REVIEW INQUIRIES SHALL BE DIRECTED TO THE PLAN REVIEW DIVISION AT 410-313-2436. PLEASE ALLOW A MINIMUM OF FIVE (5) WORKING DAYS FOR ANY PLAN SUBMITTALS TO BE REVIEWED. THANK YOU.

Received by [Signature]

002 2018 FEB 22 AM 10:06



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: 12/28/17

Permit No.: B17004520

Building Address: 13675 Nichols Drive
 City: Parkville State: MD Zip Code: 21029
 Suite/Apt. # _____ SDP/WP/BA #: _____
 Census Tract: _____ Subdivision: _____
 Section: _____ Area: _____ Lot: _____
 Tax Map: _____ Parcel: _____ Grid: _____
 Zoning: _____ Map Coordinates: _____ Lot Size: _____

Existing Use: _____
 Proposed Use: _____
 Estimated Construction Cost: \$ 60,000
 Description of Work: Build a Detached Garage 40 x 40

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

Property Owner's Name: Eppol and Dawid Wilson
 Address: 13675 Nichols Drive
 City: Parkville State: MD Zip Code: 21029
 Phone: 240-286-3907 Fax: _____
 Email: _____

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

Contractor Company: _____
 Contact Person: _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 License No.: _____
 Phone: _____ Fax: _____
 Email: _____

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

Commercial Building Characteristics	Residential Building Characteristics	
Height:	<input 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:	
➤ Roadside Tree Project Permit	Footings:	
<input type="checkbox"/> Yes <input type="checkbox"/> No	Roof:	
Roadside Tree Project Permit #	<input type="checkbox"/> State Certified Modular	
	<input type="checkbox"/> Manufactured Home	

Utilities	
Electric:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Gas:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Water Supply	
<input type="checkbox"/> Public	
<input type="checkbox"/> Private	
Sewage Disposal	
<input type="checkbox"/> Public	
<input 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.

Applicant's Signature _____
 Email Address _____
 Title/Company _____

Print Name _____
 Date 12/28/17

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>1/5/18</u>	<u>H. Oswald</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	# <u>7650</u>

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

1" = 50'

Parcel 146

Parcel 109

NOTES:

1. This plat is not intended for use in the establishment of property lines, but prepared for the exclusive use of the reser property owner(s) of record and/or those who purchase, mortgage or guarantee the title within six months of the date thereof and as to then I warrant this house location survey.
2. For-title purposes only.
3. No title report furnished at this time, subject to all easements and rights of way record.
4. Property corners have not been set with this survey. Property information was taken from the best available records.
5. This location plat is not to be used for construction of fences or other improvements. A boundary survey and lot stakeout would have to be performed to determine the location of all property lines as shown.
6. The property shown hereon is located within Zone X as shown on F.E.M.A. Flood Insurance Rate Map Community Panel No. _____ of Howard County, Maryland.

S 24° 07' 03" W

390.20

301.61

Primary Septic Area

Backup Septic Area

Part of Parcel 216

Part of Parcel 114

Wood Retaining Wall

Septic Tanks

In-Corridor Pool

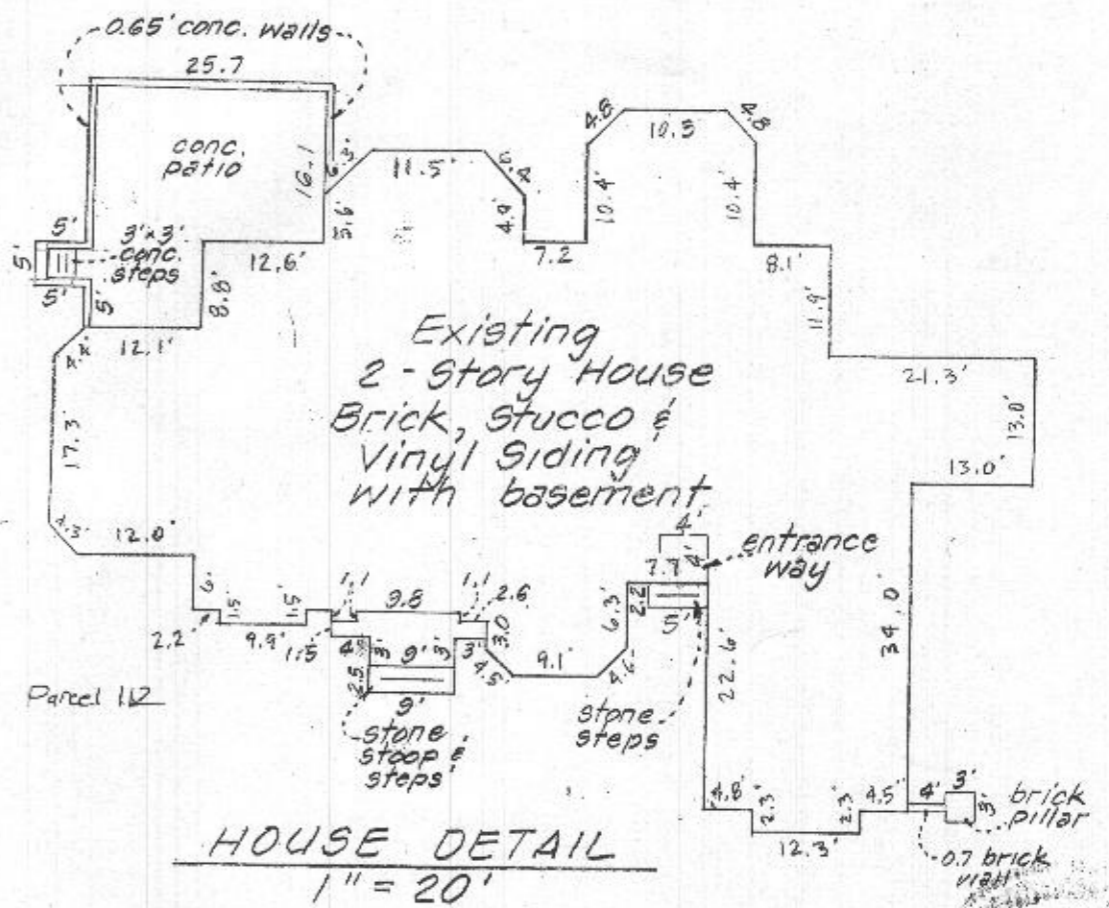
Proposed Garage

Ex. Well Location

Parcel 113

See Detail #13675

Propose Retaining Wall



HOUSE DETAIL
1" = 20'

S 67° 03' 06" E

Asphalt

Drive

N 50° 11' 28" E

R = 420.00'

A = 164.75

N 15° 13' 00" E

212.00'

DRIVE

NICHOLS

(R/W Varies)

3/15/18. Revised plan to include retaining wall approved for B17004520 (Govexp) - H.O.

Drawn By: Tom Olive
Checked By: Brad K
Date: 12-27-2017
Scale: 1" = 50'
Job No.: 1269-17
Case No.: E. Watson

SURVEYS, INC.

Land Development * Surveying * Planning
Engineering * Permits
350 MAIN STREET
LAUREL, MARYLAND, 20707
PHONE 301-776-0561 FAX 301-776-0642

SURVEYOR'S CERTIFICATE

I hereby certify that the position of all the existing improvements on the above described property has been carefully surveyed by me or directly under my supervision and that they are located as shown.
THIS IS NOT A BOUNDARY SURVEY.

6-10-05

Date

Revised: 12-27-17

Professional Land Surveyor, MD No. 11994

HOUSE LOCATION PLAT

13675 Nichols Drive

tot #/o Parcels 114 & 216, Block _____, Sec./Plat _____

WATSON PROPERTY

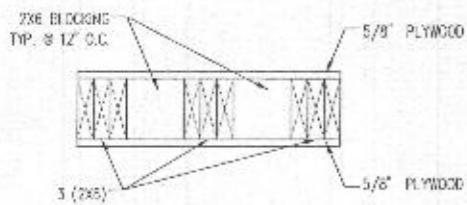
Clarksville (5TH) Election District
HOWARD County, Maryland

Plat Book _____, Liber 8638, Folio 195, Drawing # MS-125

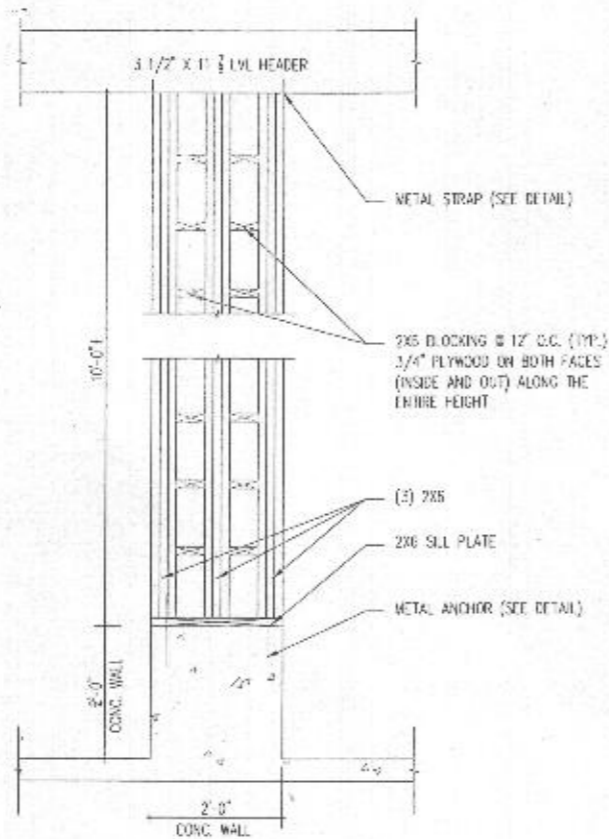
STAPLE EDGE

STAPLE EDGE

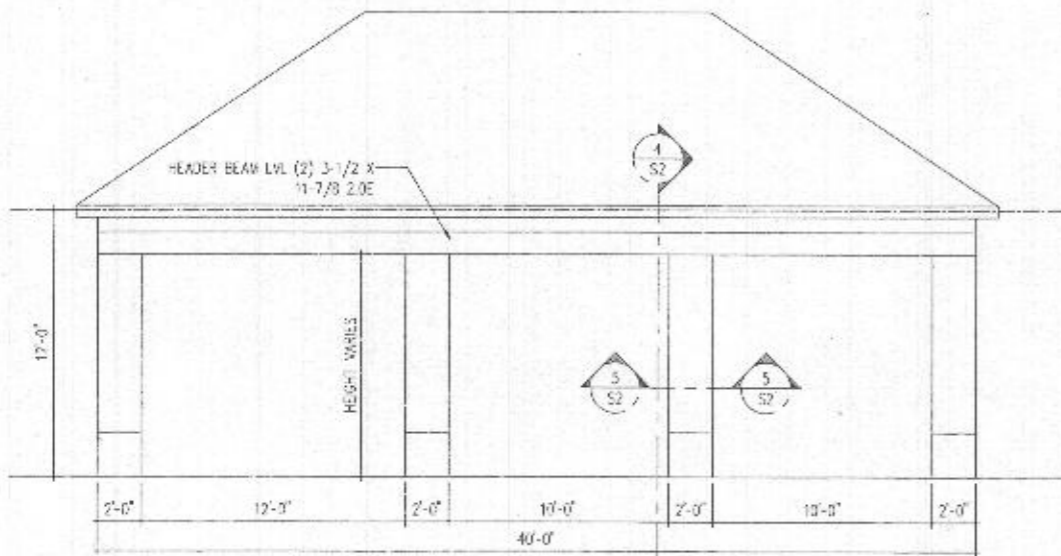
NOTE
SEE PORTAL FRAME DETAIL
THIS SHEET FOR NAILING,
ANCHORS AND STRAPS



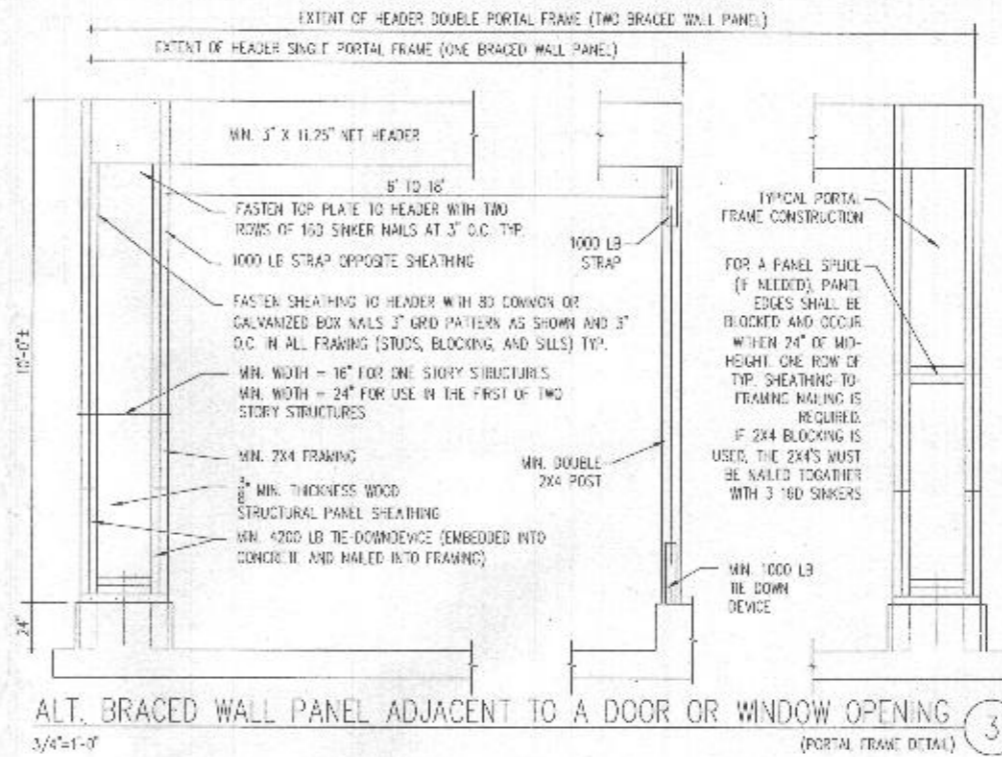
DETAIL @ WALL PANEL 5
1-1/2'-1'-0"



BRACED WALL PANEL AT DOOR OPENING 4
3/4'-1'-0"

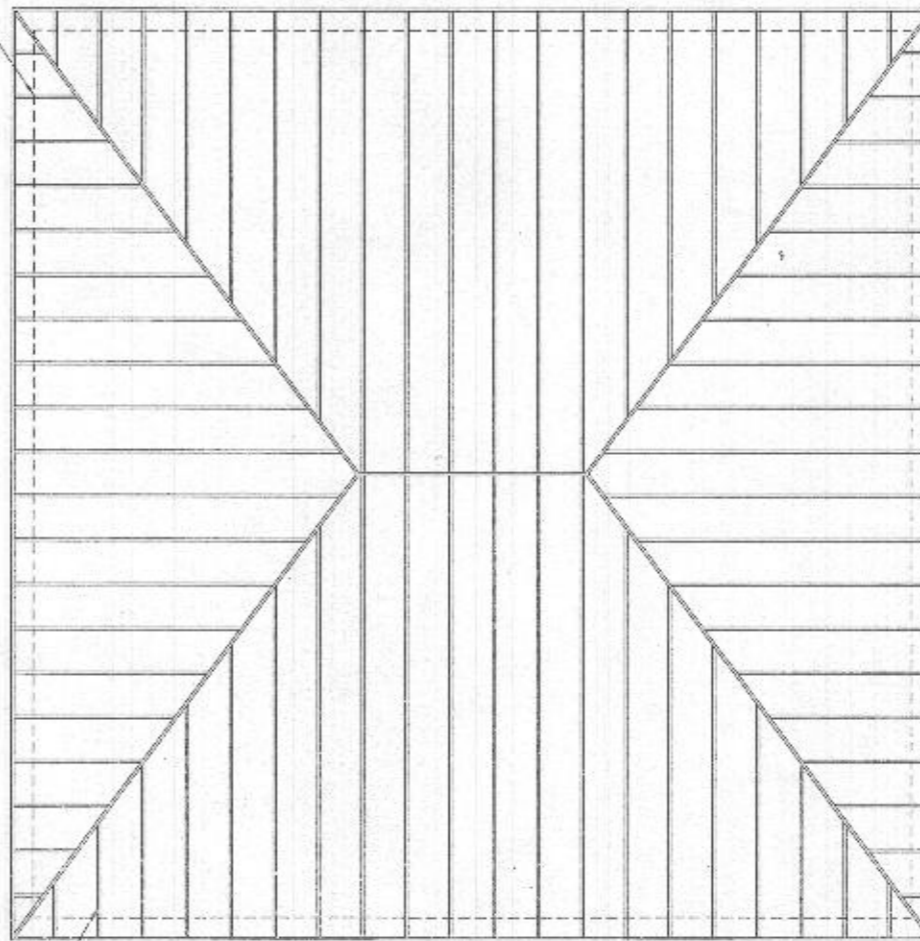


GARAGE BRACING ELEVATION 2
1/4'-1'-0"



ALT. BRACED WALL PANEL ADJACENT TO A DOOR OR WINDOW OPENING 3
3/4'-1'-0"

PROVIDE
HURRICANE CLIPS
ON ALL TRUSSES



ENGINEERED TRUSS BY
MANUFACTURER @ 24"
O.C.

ROOF TRUSS LAYOUT 1
1/4'-1'-0"

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. 22444
Expiration Date: 2018-09-05

WATSON GARAGE

13675 NICHOLS DR
CLARKSVILLE MD
21209

Applied Civil Engineering, Inc.

9470 Annapolis Road #414
Lanham, MD 20706
TEL: 301.459.5932

109: 2018-002

SHEET LIST

Sheet Number	Sheet Name
A1.00	PLANS
A2.00	SECTION & SITE PLAN
A3.00	ELEVATIONS
S1.00	FOUNDATION & DETAILS
S2.00	ROOF TRUSS & DETAILS



2/19/2018

FOR PERMIT

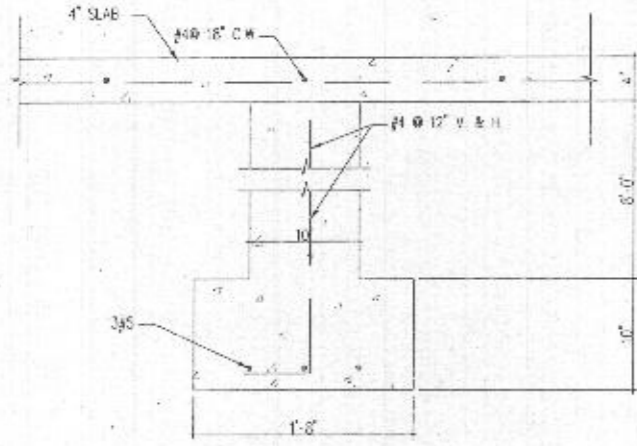
Date	2/13/2018
Scale	SEE SHEET
Job No.	XXXX
Drawn By	WDS

ROOF TRUSS & DETAILS

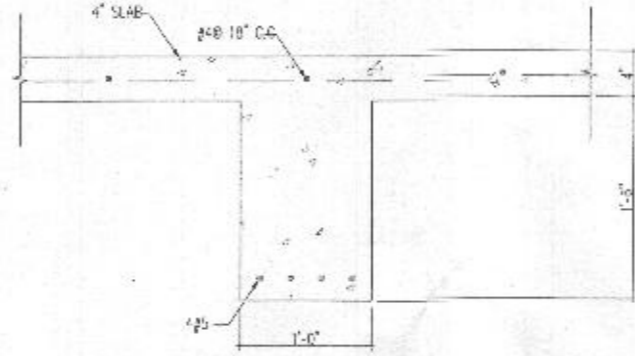
Drawing No. S2.00

STAPLE EDGE

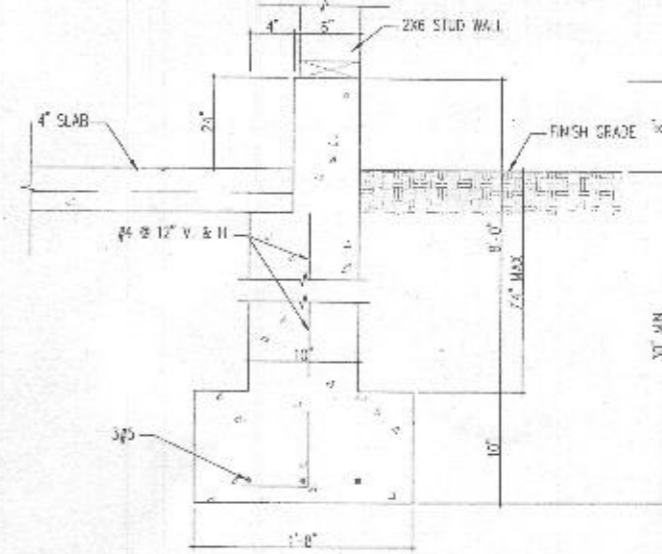
STAPLE EDGE



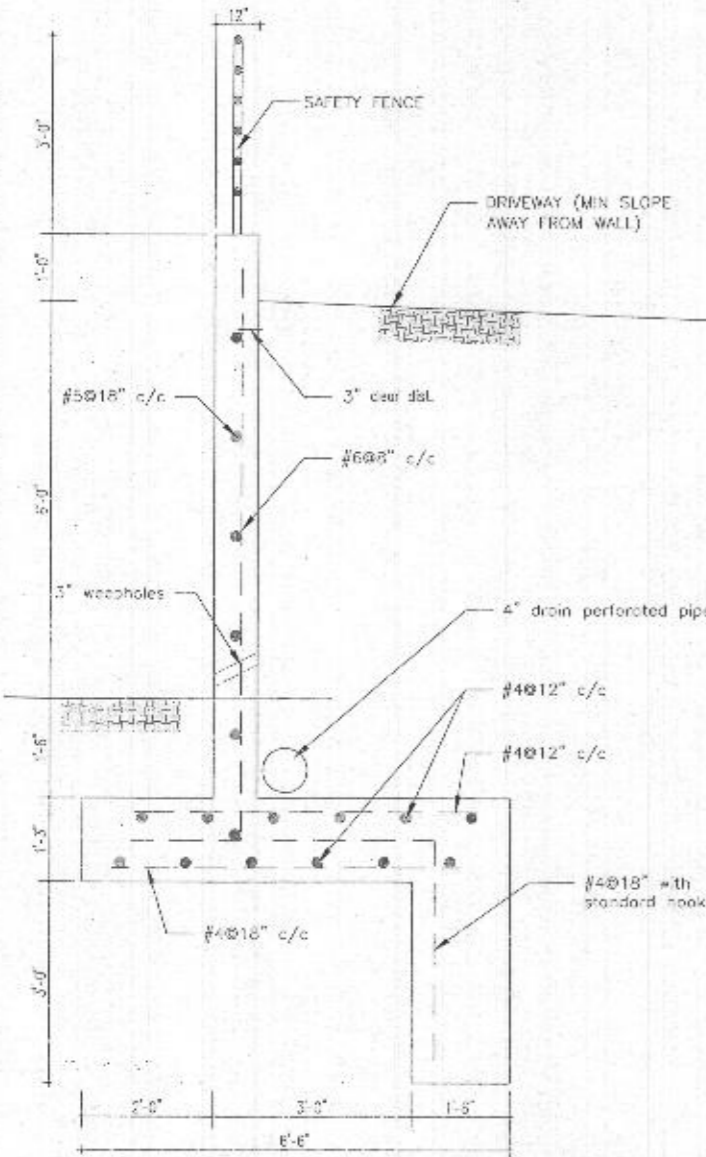
DETAIL @ FOOTING
1-1/2'-1'-0' (5)



DETAIL @ GRADE BEAM
1-1/2'-1'-0' (4)

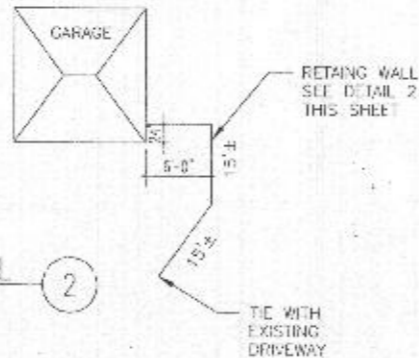


DETAIL @ FOOTING
1-1/2'-1'-0' (3)



DETAIL @ RETAINING WALL
3/4'-1'-0' (2)

- NOTES AND SPECIFICATIONS**
1. Assumed allowable bearing capacity of the soil = 2000 psi
 2. Max. slope of the soil = 3:1 (18.5°)
 3. Friction angle of the backfill soil = 33°
 4. Density of the backfill soil = 110 pcf (granular material)
 5. Max. surcharge pressure = 200 psf
 6. Density of the Soil underneath the heel and toe = 110 pcf
 7. Friction angle of the soil underneath the heel and toe = 18°
 8. Provide a 3" weepholes at 8' o.c. at the base of the stem
 9. Provide 4" perforated pipe
 10. Provide filter material around the perforated pipe and behind the weepholes
 11. $f'_c = 3000$ psi
 12. $f_y = 60000$ psi
 13. Provide 3" guard rail
 14. Concrete cover = 3" min
 15. Min embedment length for the verticle stem rebars shall be 28"
 16. Assumed soil parameter shall be verified prior to construction or as directed by the supervising engineer during construction



FOUNDATION PLAN
1/4'-1'-0' (1)



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. 20444. Expiration Date: 2018-09-05.

WATSON GARAGE
13675 NICHOLS DR
CLARKSVILLE MD
21209

Applied Civil Engineering, Inc.

9470 Annapolis Road #414
Lanham, MD 20706
TEL: 301.459.5932

JOB: 2018-022	
SHEET LIST	
Sheet Number	Sheet Name
A1.00	PLANS
A2.00	SECTION & SITE PLAN
A3.00	ELEVATIONS
S1.00	FOUNDATION & DETAILS
S2.00	ROOF TRUSS & DETAILS



FOR PERMIT

Date	07/20/18
Scale	SEE SHEET
Job No.	2018-022
Drawn By	VJD

FOUNDATION & DETAILS

Drawing No. **S1.00**

WATSON GARAGE
 13675 NICHOLS DR
 CLARKSVILLE MD
 21209



donnyankri@gmail.com
 443.929.2377

SHEET LIST	
Sheet Number	Sheet Name
A1.00	PLANS
A2.00	SECTION & SITE PLAN
A3.00	ELEVATIONS

GENERAL NOTES:
 1. IT IS BEING ASSUMED THAT ENERGY CODES DO NOT APPLY FOR A GARAGE YET INSULATION IS STILL BEING PROVIDED.
 2. STRUCTURAL INFORMATION SHALL BE ENGINEERED BY MANUFACTURER OR A STRUCTURAL ENGINEER.
 3. GRADES SHOWN ARE APPROXIMATE.
 4. DOWNSPOUT LOCATIONS SHOWN SHOULD BE VERIFIED BY ROOFER.

B17004520
 HEALTH
 DEPT

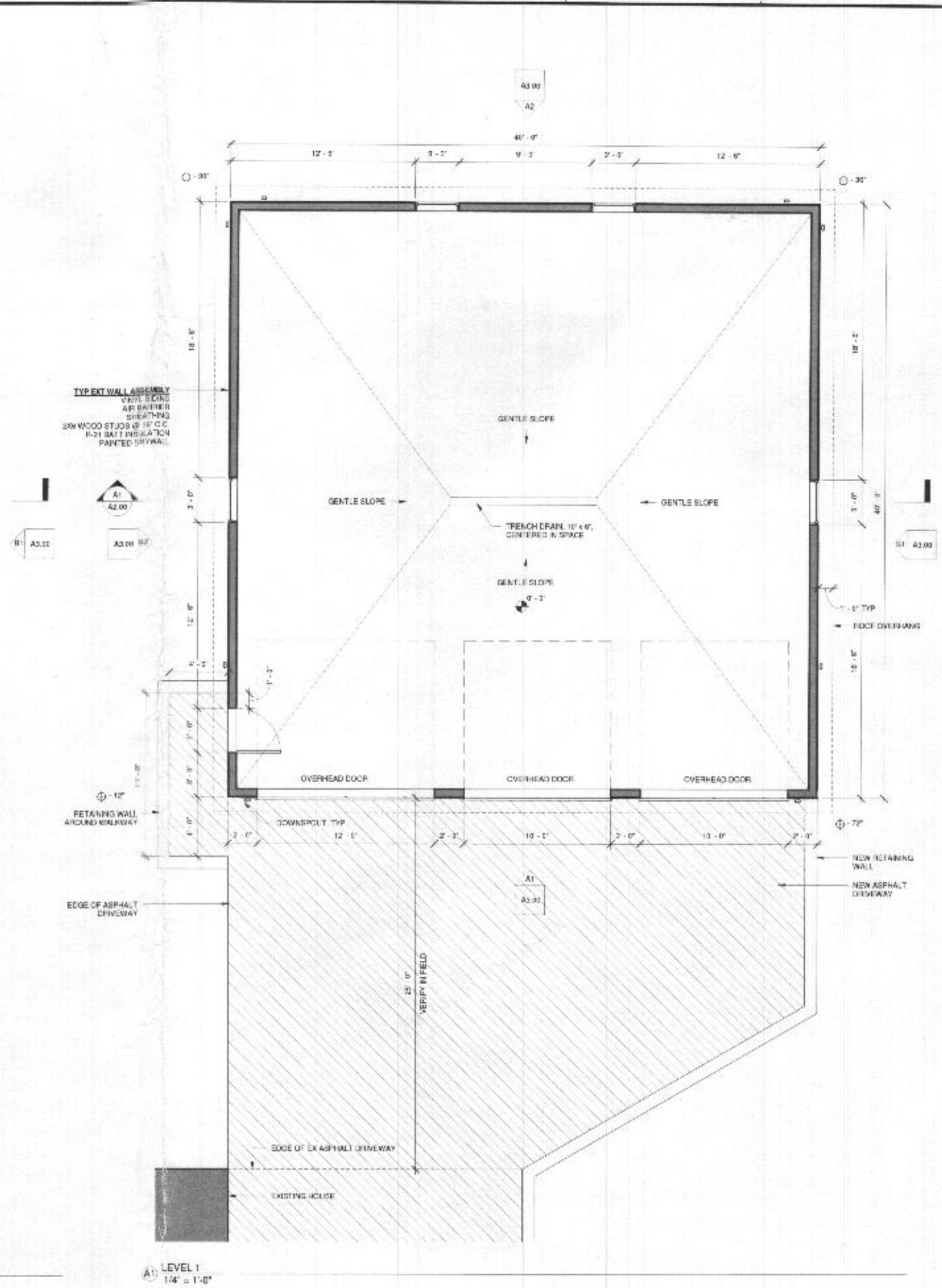
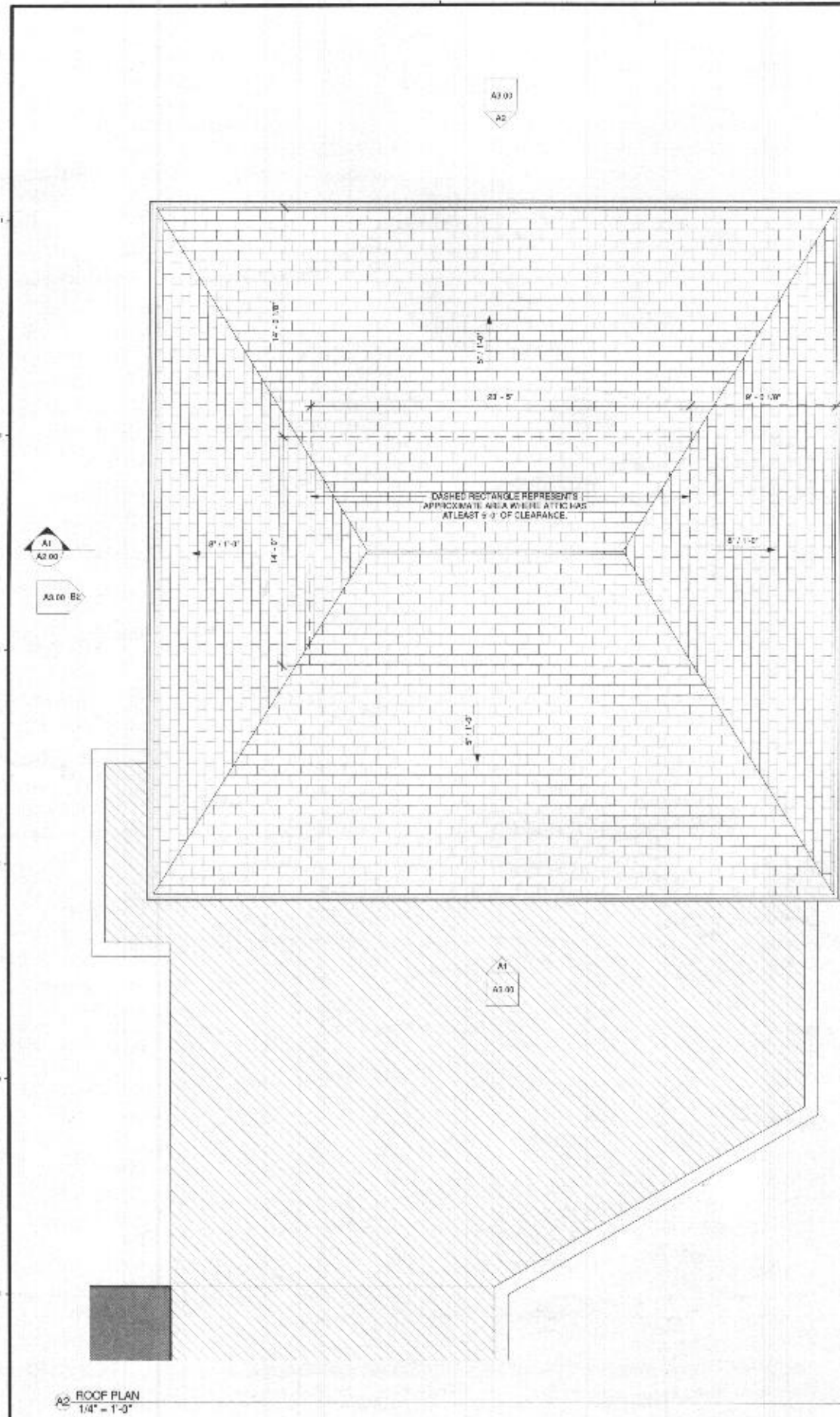
FOR PERMIT	
Date	10/02/17
Scale	1/4" = 1'-0"
Job No.	XXXX
Drawn By	DA

PLANS

Drawing No. **A1.00**

STAPLE EDGE

STAPLE EDGE



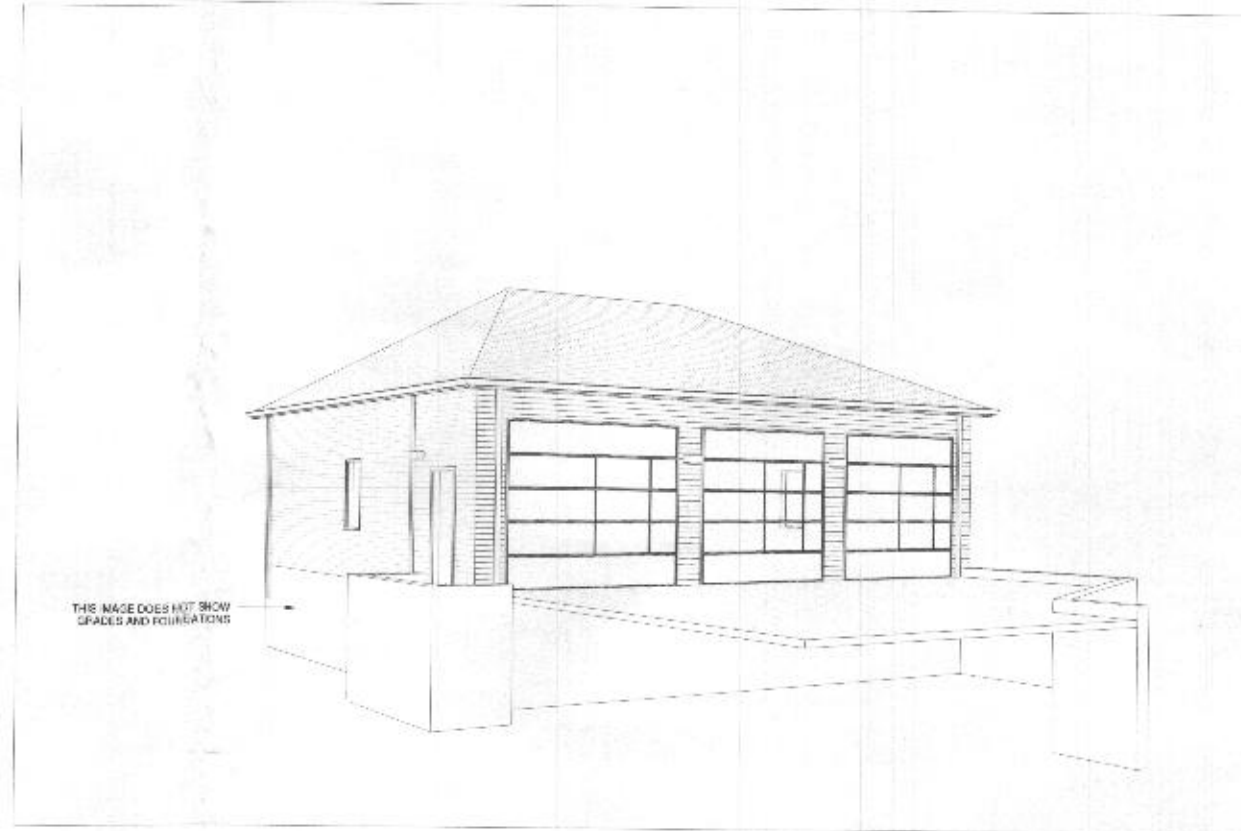
STAPLE-EDGE

STAPLE EDGE

WATSON GARAGE
13675 NICHOLS DR
CLARKSVILLE MD
21209

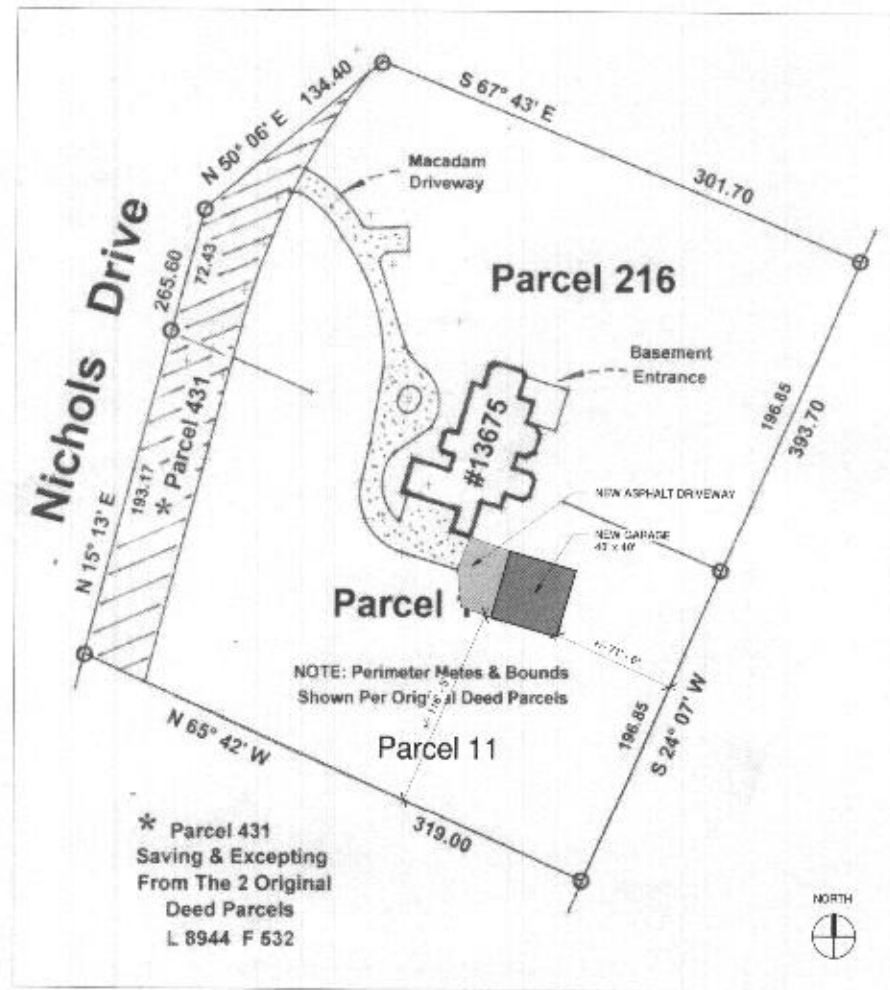
DA
**DONNY
ANKRI
ARCHITECTS**

donnyankri@gmail.com
443.929.2377



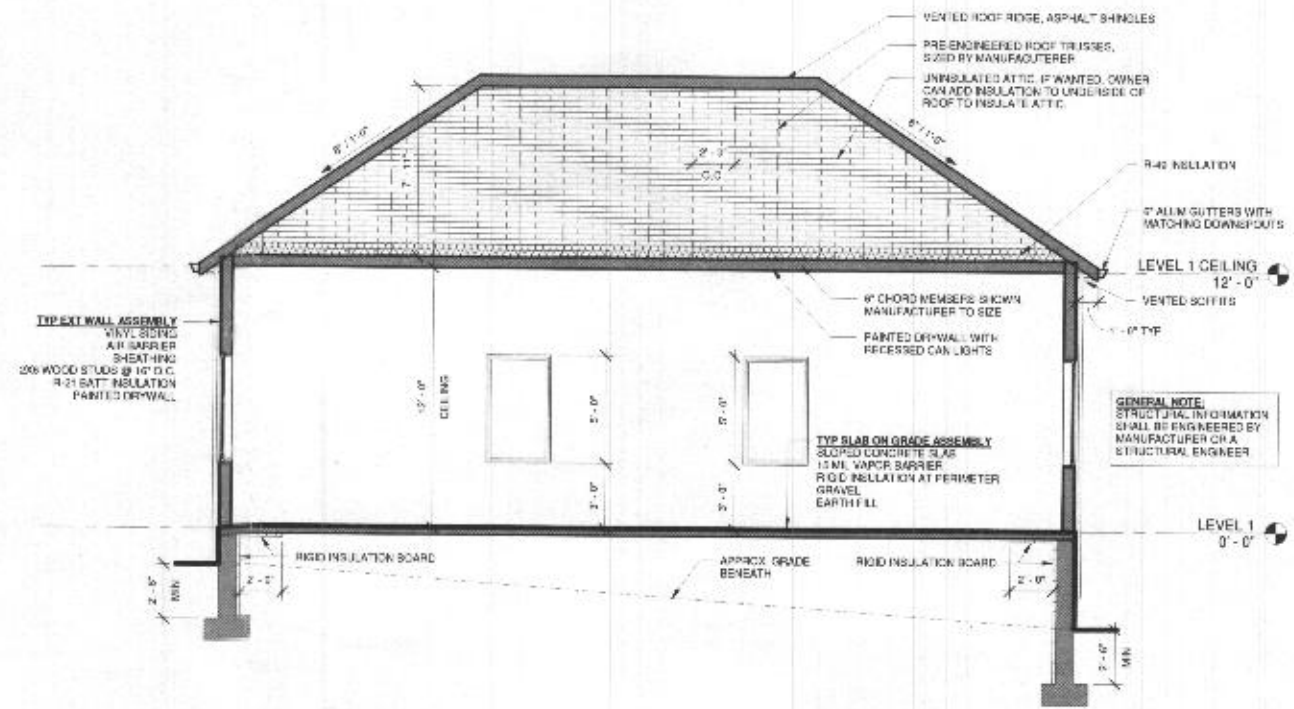
THIS IMAGE DOES NOT SHOW
GRADES AND FOUNDATIONS

B1 VIEW



A2 SURVEY
1" = 50'-0"

NOTES:
1) IMAGE SHOWN TAKEN FROM LOCATION SURVEY BY
LAND TECH ASSOCIATES, GIVEN BY THE OWNER



A1 SECTION 1
1/4" = 1'-0"

FOR PERMIT

Date	10/30/2017
Scale	As Indicated
Job No.	XXXX
Drawn By	DA

SECTION & SITE PLAN

Drawing No. **A2.00**

WATSON GARAGE

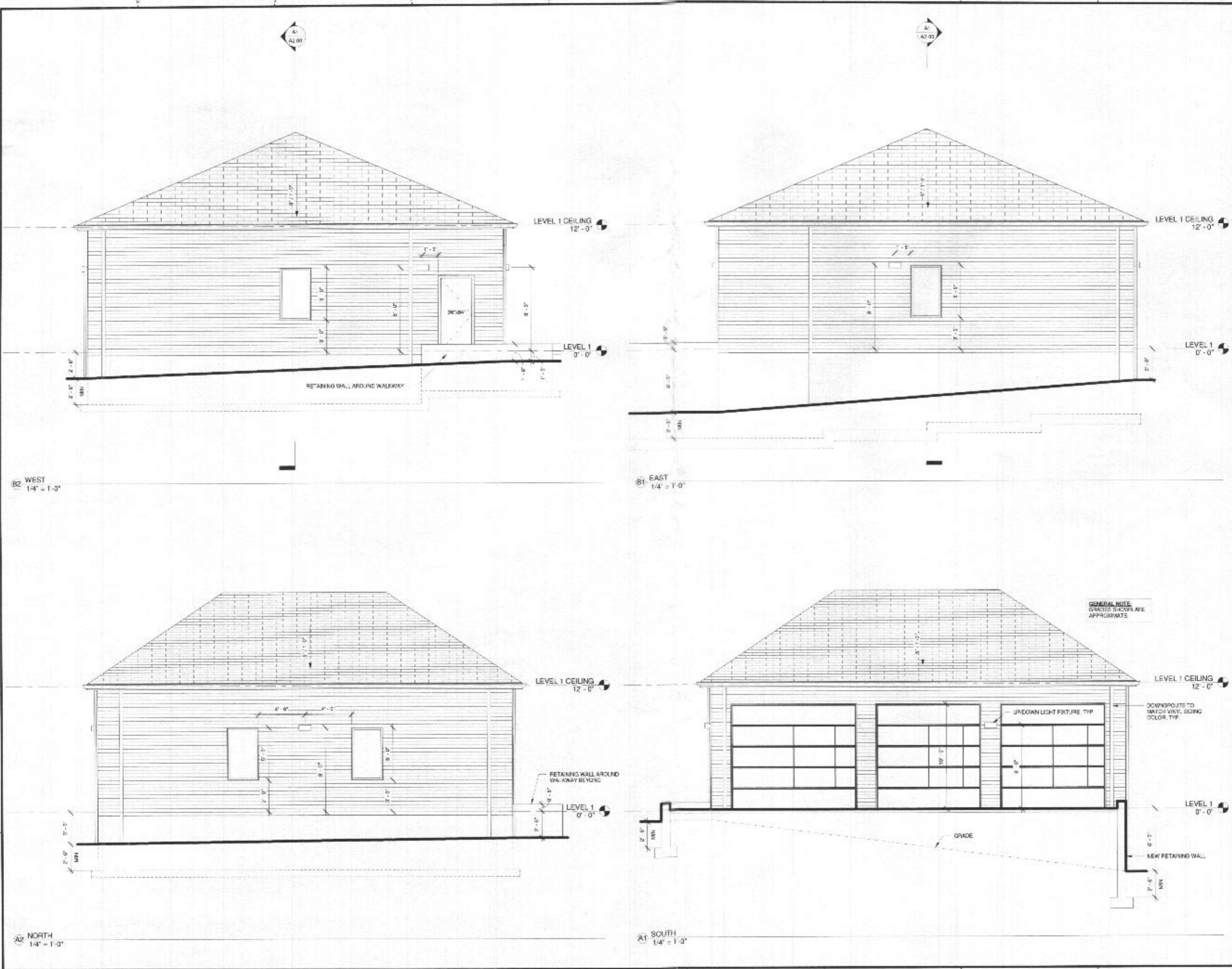
13675 NICHOLS DR
CLARKSVILLE MD
21209



donnyankri@gmail.com
443.929.2377

STAPLE EDGE

STAPLE EDGE



GENERAL NOTE
GRADES SHOWN ARE
APPROXIMATE

DOWNSPOTS TO
MATCH VINYL SIDING
COLOR, TYP.

UP/DOWN LIGHT FIXTURE TYP

FOR PERMIT

Date	10/20/2017
Scale	1/4" = 1'-0"
Job No.	3000X
Drawn By	DA

ELEVATIONS

Drawing No. **A3.00**

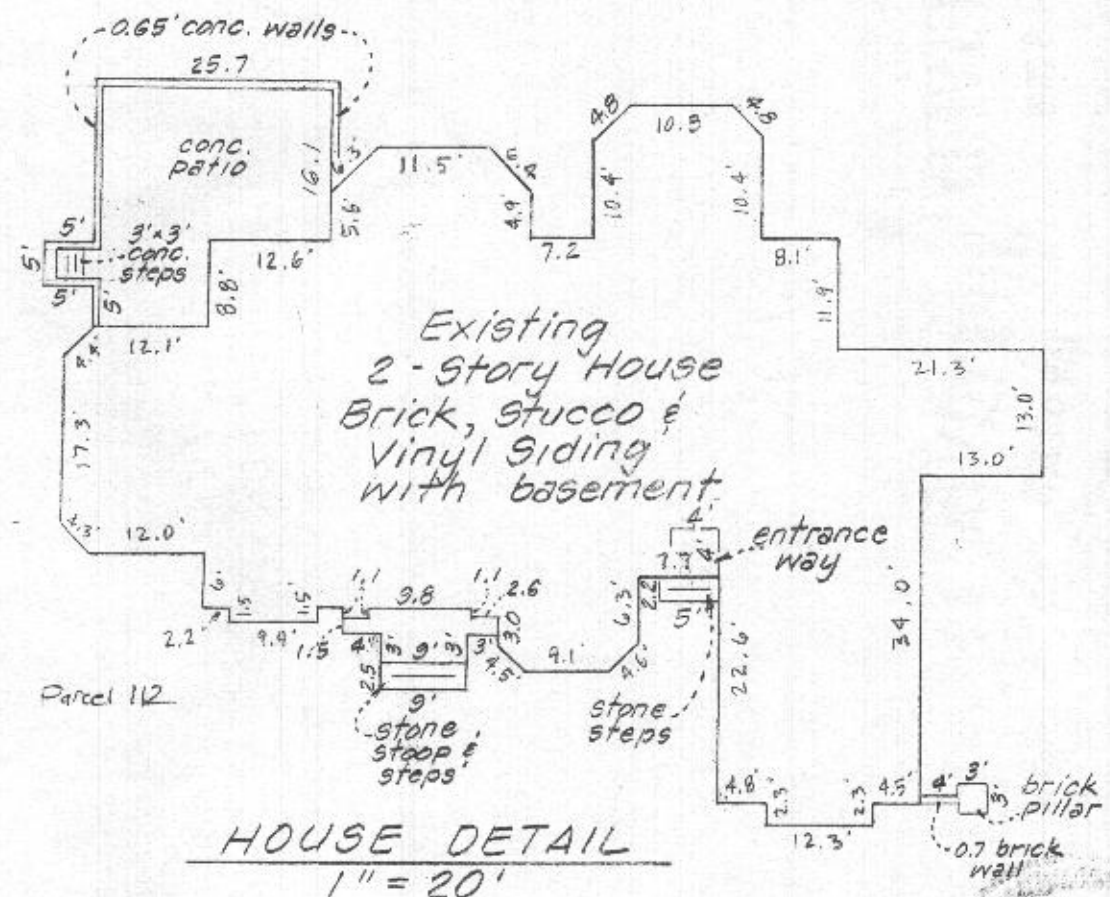
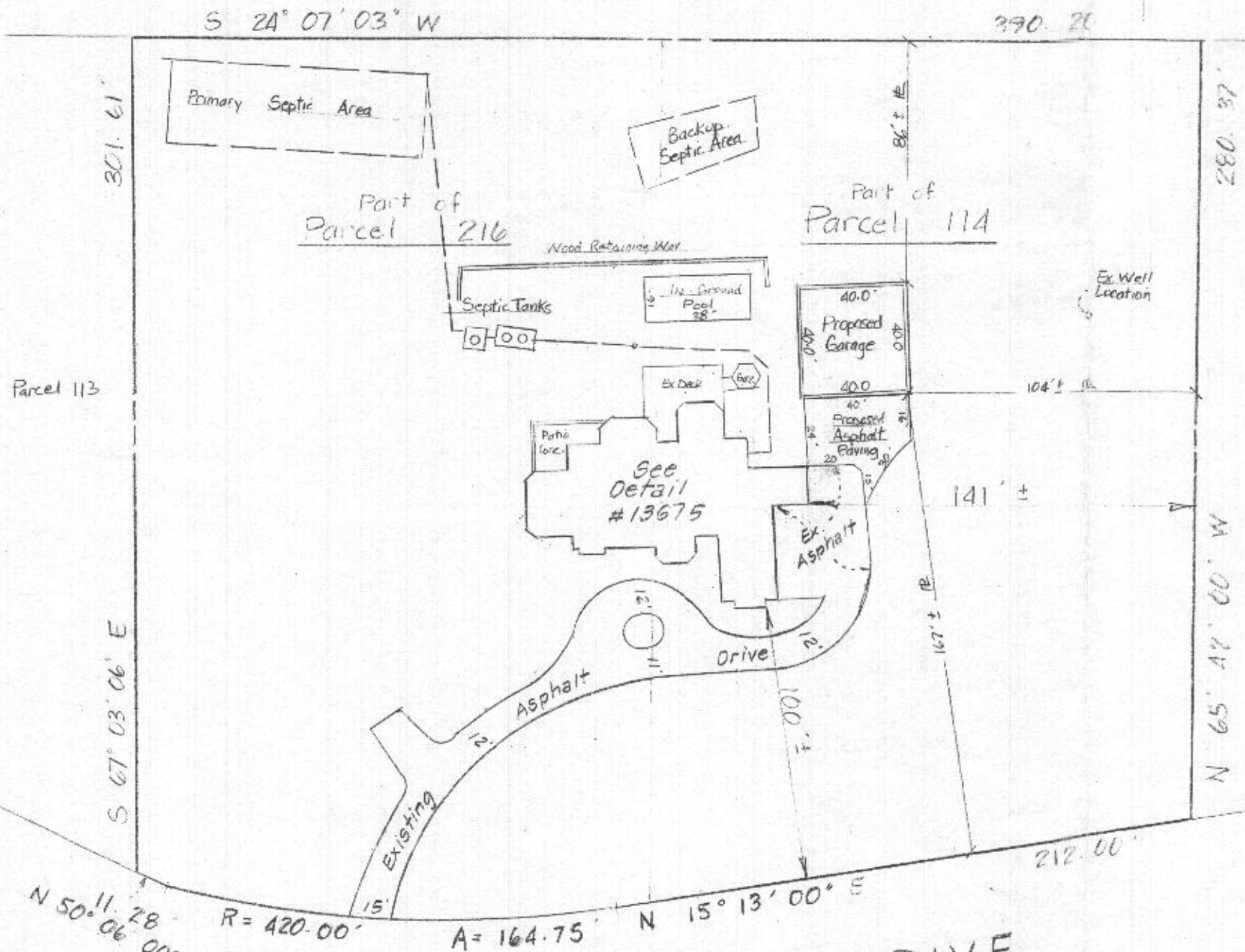
1" = 50'

Parcel 146

Parcel 109

NOTES:

1. This plat is not intended for use in the establishment of property lines, but prepared for the exclusive use of the present property owner(s) of record and/or those who purchase, mortgage or guarantee the title within six months of the date thereof and as to then I warrant this house location survey.
2. For title purposes only.
3. No title report furnished at this time, subject to all easements and rights of way record.
4. Property corners have not been set with this survey. Property information was taken from the best available records.
5. This location plot is not to be used for construction of fences or other improvements. A boundary survey and lot stakeout would have to be performed to determine the location of all property lines as shown.
6. The property shown hereon is located within Zone X as shown on F.E.M.A. Flood Insurance Rate Map Community Panel No. _____ of Howard County, Maryland.



HOUSE DETAIL
1" = 20'

SURVEYOR'S CERTIFICATE

I hereby certify that the position of all the existing improvements on the above described property has been carefully surveyed by me or directly under my supervision and that they are located as shown.
THIS IS NOT A BOUNDARY SURVEY.

6-10-05

Date

Revised: 12-27-17



NICHOLS (RW varies) DRIVE
N 50° 06' 00" E R = 420.00' A = 164.75' N 15° 13' 00" E
S 67° 03' 06" E
S 2A° 07' 03" W
N 65° 47' 00" W

1/5/18 - Site plan approved for B17004520 (40' x 40' garage) - H.O.

Drawn By, Tom Olive
Checked By, Brad K.
Date: 12-27-2017
Scale: 1" = 50'
Job No. 1269-17
Case No. E. Watson

SURVEYS, INC.

Land Development * Surveying * Planning
Engineering * Permits

350 MAIN STREET
LAUREL, MARYLAND, 20707
PHONE 301-776-0561 FAX 301-776-0642

HOUSE LOCATION PLAT

13675 Nichols Drive

Lot Parcel 114 & 216, Block _____, Sec./Plat _____

WATSON PROPERTY

Clarksville (5th) Election District
HOWARD County, Maryland

Plat Book _____, Liber 8638, Plot _____, Folio 195, Drawing # MS-125

4/4/2017

Site Plans ^{RUB}

13675 Nichols Dr.

'Watson' Residence

Proposal to move
tanks (Hat fields)

