


PERMIT NUMBER: B

23003235

DATE ACCEPTED:

RECEIVED

RESIDENTIAL BUILDING PERMIT APPLICATION					
HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES, AND PERMITS 2430 COURT HOUSE DRIVE, ELLICOTT CITY, MD 21043 - PHONE: (410) 313-2455 <small>WWW.HOWARDCOUNTYMD.GOV</small>					
AUG 10 2023 LICENSES & PERMITS DIVISION					
<b>BUILDING SITE ADDRESS</b> <small>REQUIRED</small>					
Street Address: 14576 MacClintock Drive					Unit:
City: Glenwood			State: MD		Zip Code: 21738
Subdivision/Village/Complex Name: Warfield Estates				SDP/WP/BA #:	
Lot: 37	Tax Map: 21	Parcel: 183	Grading Permit #:		
<b>DESCRIPTION OF WORK</b> <small>REQUIRED</small>					
Existing Use: single family home		Proposed Use: single family home		Estimated Cost: \$100,000.00	
Trade Work to Be Completed (Separate Permits Required): <input type="checkbox"/> Mechanical (HVACR) <input checked="" type="checkbox"/> Electrical <input checked="" type="checkbox"/> Plumbing <input type="checkbox"/> None					
SFD/Construct, Phase 1 Addition: 1st Floor Sunroom (19'6" X 13"), Basement Office and Full Bath (19'6" X 13"), Deck (-15'3" X 13' + 10' X 19'6"); Phase 2 Addition: Attached Garage (24'6" X 28'), Family Room + Mud Room Bump Out (5' X 27'6"), Front Porch (26'8" X 5'7")					
<b>PROPERTY OWNER INFORMATION</b> <small>REQUIRED</small>					
Owner(s) Name(s) (As it appears on tax records): Benjamin Lehmer & Karen Meidenbauer					Primary Residence: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Owner's Street Address: 14576 MacClintock Drive					
City: Glenwood			State: MD		Zip Code: 21738
Phone: (571) 224-4176			Email: ben.lehmer@gmail.com		
<b>APPLICANT NAME</b> <small>REQUIRED - INDIVIDUAL WHO SIGNS THIS APPLICATION</small>					
Business Name:			Contact Name: Karen Meidenbauer		
Street Address: 14576 MacClintock Drive					
City: Glenwood			State: MD		Zip Code: 21738
Phone: (410) 279-6818			Email: kmeid@vt.edu		
<b>CONTRACTOR INFORMATION</b> <small>REQUIRED</small>					
Business Name: Homeowner to act as contractor					
Licensee's Name:			License #:		
Street Address:					
City:			State:		Zip Code:
Phone:			Email:		
<b>ARCHITECT/ENGINEER INFORMATION</b> <small>INDIVIDUAL WHO SIGNED PERMIT IF APPLICABLE</small>					
Business Name: Willoughby Design, LLC			Name: Todd Willoughby		
Street Address: PO Box 651145					
City: Potomac Falls			State: VA		Zip Code: 20165
Phone: (703) 472-4006			Email: twilloughby@willoughbydesignllc.com		
<b>BUILDING CHARACTERISTICS</b> <small>REQUIRED</small>					
Primary Structure: <input checked="" type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse <input type="checkbox"/> SF Duplex <input type="checkbox"/> Mobile Home <input type="checkbox"/> Multi-Family Dwelling (MF*)					Condo: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Utilities: <input checked="" type="checkbox"/> Electric <input checked="" type="checkbox"/> Gas		Water Supply: <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private (Well)		Sewage Disposal: <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private (Septic)	
Heating System: <input checked="" type="checkbox"/> Electric <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane <input type="checkbox"/> Other:			Roadside Tree Project: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes: #		
Sprinkler System: <input type="checkbox"/> NFPA 13 <input type="checkbox"/> NFPA 13R <input type="checkbox"/> NFPA 13D <input checked="" type="checkbox"/> None			Fire Alarm System: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Voice Evac		
<b>ADDITIONAL RESIDENTIAL INFORMATION</b> <small>PLEASE SELECT ALL THAT APPLY</small>					
Model Name & Options:					
# of Bedrooms (SF):		# of efficiency units (MF*):	# of 1 BR (MF*):	# of 2 BR (MF*):	# of 3 BR (MF*):
# Rooms: 3		# Full Baths: 1		# Half Baths:	# Fireplaces:
Garage/Carport Info: <input checked="" type="checkbox"/> Attached Garage <input type="checkbox"/> Detached Garage <input type="checkbox"/> Integral Garage <input type="checkbox"/> Carport <input type="checkbox"/> None					
Basement/Foundation Info: <input checked="" type="checkbox"/> Slab on Grade <input type="checkbox"/> Post & Pier <input type="checkbox"/> Unfinished Basement <input checked="" type="checkbox"/> Finished Basement: <input type="checkbox"/> Full or <input checked="" type="checkbox"/> Partial					
1 <sup>st</sup> Fl Width:		1 <sup>st</sup> Fl Depth:	2 <sup>nd</sup> Fl Width:	2 <sup>nd</sup> Fl Depth:	Bsmt Width:
Energy Method: <input type="checkbox"/> Prescriptive <input type="checkbox"/> Performance <input type="checkbox"/> UA Alternative <input type="checkbox"/> ERI		Gross Area: 1,479		sq ft	Occupiable Area: 644
sq ft					
<b>AGREEMENT/ DISCALIMER</b> <small>REQUIRED</small>					
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 ORIGINAL SIGNATURE			8-10-23 DATE SIGNED		
<b>FOR OFFICE USE ONLY</b>					
CHECKS TO BE SENT TO DIRECTOR OF FINANCE OF HOWARD COUNTY					
AGENCIES REQUIRED/APPROVALS:					
<input type="checkbox"/> PR	<input checked="" type="checkbox"/> DPZ	<input checked="" type="checkbox"/> DED	<input checked="" type="checkbox"/> Health	<input type="checkbox"/> SHA	<input type="checkbox"/> CID
SUBMITTAL FEES: 8.50		PAYMENT: Online		ACCEPTED BY:	

## Oswald, Hank

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**From:** Oswald, Hank  
**Sent:** Wednesday, August 23, 2023 8:13 AM  
**To:** 'kmeid@vt.edu'  
**Cc:** 'twilloughby@willoughbydesignllc.com'  
**Subject:** B23003235\_14576 MacClintock Drive .  
**Attachments:** Well and On-site Sewage Disposal System Setbacks 10-2402018 (1).pdf; bedroom definition.pdf

Hi Ms. Meidenbauer:

Good morning. This office is in receipt of a building permit for renovation/addition to 14576 MacClintock Drive. The site plan submitted with the building permit is not too scale, so I am unable to confirm if all additions/changes meet the required well and septic setback distances (see attached list of setbacks). Please revise the site plan to scale and submit a hard copy directly to this office for review prior to submitting a revision to permit office. In addition, the basement floor plan shows a large opening into the office with a bed. What is the size of this opening? Will this opening have doors? If it will have doors, then this space will meet the definition of a bedroom (see attached definition), and septic upgrades may be required prior to building permit approval. If the opening doesn't have doors, then we will need a revised basement floor plan showing the size of the opening, and a note on the floor plan next to the opening indicating cased opening without doors. The revised floor plan must be submitted to permits office as a revision.

At this time, building permit approval has been placed on hold. Should you have any questions, please don't hesitate to ask.

Thanks,

Hank

Hank Oswald  
Licensed Environmental Health Specialist  
Bureau of Environmental Health  
Howard County Health Department  
8930 Stanford Blvd. Columbia, MD 21045  
(410) 313 - 1786  
[www.hchealth.org](http://www.hchealth.org)

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WARFIELD ESTATES  
SECTION SIX  
PB 29 F 77  
LOT 4

LOT 15

S. 48° 01' 24" E. 347.88'

60' B.R.L.

60'

Lot 37  
4.759 ACRES

759.66'

20' STORM DRAIN EASEMENT  
PLAT REF # 3707

704.63'

LOT 36

WARFIELD ESTATES  
SECTION SEVEN  
PLAT # 3709  
LOT 8

N. 20° 00' 40" E. 759.66'

30' B.R.L.

30'

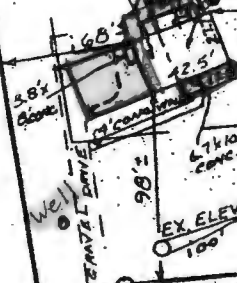
30' B.R.L.

N. 37° 02' 03" E. 704.63'

2 STORY FRAME HOUSE  
W/BSMT.  
1ST FLOOR ELEVATION 101.15'

1 STORY FRAME

136'



SEPTIC AREA  
75' B.R.L.

EX. ELEV. 100'

A = 182.94'  
R = 825.00'

45.68  
N. 61° 59' 12" W

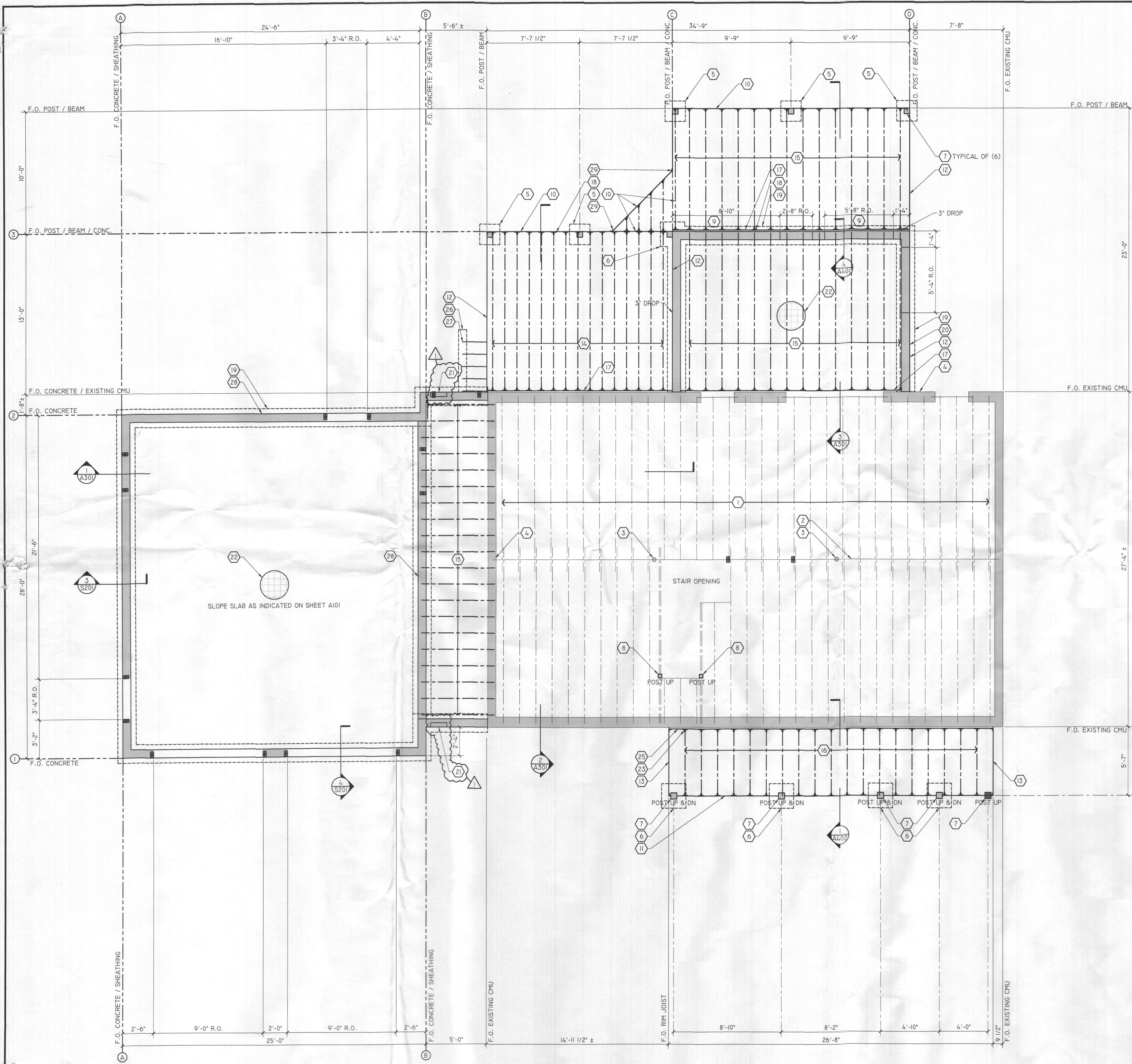
MACCLINTOCK DRIVE

BP 44345  
OK TO SIGN  
7/9/92  
BJT



HOUSE LOCATION SURVEY





GENERAL NOTES

- REFER TO SHEETS S101, A100, A101 FOR ADDITIONAL DIMENSION INFORMATION.
- REFER TO BUILDING SECTIONS AND WALL SECTIONS FOR ADDITIONAL DETAIL CALLOUTS.

KEY NOTES

- EXISTING FLOOR JOISTS - 2x10 @ 16" O.C.
- EXISTING STEEL BEAM - W8 x 31
- EXISTING STEEL COLUMN - 3 1/2" DIAMETER
- EXISTING FOUNDATION WALL - 8" THICK CMU, TYPICAL
- CAST-IN-PLACE CONCRETE SPREAD FOOTING - 1'-8" x 1'-8" x 10" THICK W/ (2) #4 STEEL REINFORCING EACH WAY
- CAST-IN-PLACE CONCRETE SPREAD FOOTING - 2'-0" x 2'-0" x 10" THICK W/ (3) #4 STEEL REINFORCING EACH WAY
- WOOD POST - P.T. 6x6
- WOOD POST - P.T. 4x4
- CONCRETE HEADER @ WALL OPENINGS - REFER TO DETAIL 1/S201
- BEAM - (2) P.T. 2x12
- BEAM - 5 1/4" x 9 1/4" PARALAM PLUS PSL - WOLMANIZED
- RIM JOIST - (2) P.T. 2x12
- RIM JOIST - (2) P.T. 2x10
- JOIST - P.T. 2x10 @ 12" O.C.
- JOIST - 2x10 @ 16" O.C.
- JOIST - P.T. 2x8 @ 16" O.C.
- LEDGER - P.T. 2x10 W/ SIMPSON ANCHOR THD37400 @ 14" O.C. (2) ROWS STAGGERED
- JOIST HANGER, TYPICAL - SIMPSON LU210
- CAST-IN-PLACE CONCRETE CONTINUOUS FOOTING - 20"W x 10" THICK W/ (2) #4 STEEL REINFORCING
- CAST-IN-PLACE CONCRETE FOUNDATION WALL - 8" THICK W/ #4 STEEL REINFORCING VERTICAL @ 32" O.C. AND (3) #4 STEEL REINFORCING HORIZONTAL @ TOP, MIDWAY AND BOTTOM
- FOUNDATION VENT - 16" x 8" - BASIS-OF-DESIGN: "GAF MASTER FLOW"
- CONCRETE SLAB-ON-GRADE - 4" THICK MIN. WITH W.W.F. 6x6 W/ LxW/L WITH 10 MIL. VAPOR BARRIER OVER 4" THICK #57 GRAVEL BASE COURSE - SLOPE @ GARAGE AS INDICATED ON SHEET A101
- JOIST HANGER, TYPICAL - SIMPSON LU28
- POST UP, TYPICAL - REFER TO SHEET S101
- LEDGER - P.T. 2x8 W/ SIMPSON ANCHOR THD37400 @ 14" O.C. (2) ROWS STAGGERED
- CONCRETE GRADE BEAM - 10"x8" W/ (2) #4 STEEL REINFORCING CONTINUOUS @ BOTTOM
- CUT STRINGER - P.T. 2x12 @ 12" O.C.
- CAST-IN-PLACE CONCRETE FOUNDATION WALL - 8" THICK
- BEAM HANGER - SIMPSON LSSR210-2Z

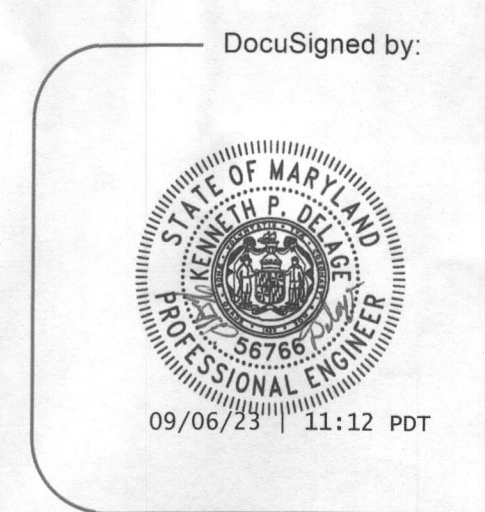
STRUCTURAL NOTES - 2018 IRC AND MARYLAND BUILDING CODE

- DESIGN LOADS:**
  - ROOF GROUND SNOW LOAD = 40 PSF
  - FLOOR LIVE = 40 PSF
  - SLEEPING AREAS FLOOR LIVE = 30 PSF
  - DEAD LOAD = 15 PSF FLOORS, 17 PSF ROOF
- ULTIMATE WIND SPEED (VULT) = 115 MPH VULT, 90MPH DESIGN WIND LOAD, EXPOSURE B
- ALLOWABLE SOIL BEARING CAPACITY = 1,500 PSF, ASSUMED.
- CONCRETE CONSTRUCTION TO BE PER LATEST ACI CODE 318. 28 DAY COMPRESSIVE STRENGTH SHALL BE 3,000 PSI AND CONCRETE REINFORCING STEEL SHALL BE GRADE 60. CONCRETE EXPOSED TO WEATHER SHALL BE 3,500 PSI WITH MINIMUM 5% AIR ENTRAINMENT.
- EXISTING STRUCTURAL STEEL BEAMS SHALL BE ASTM A-36, GRADE 36 AND 3.5 INCH DIA. C STANDARD PIPE COLUMNS SHALL BE ASTM A53-35.
- FRAMING LUMBER SHALL COMPLY WITH THE LATEST REQUIREMENTS OF THE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION AND THE NATIONAL FOREST PRODUCTS ASSOCIATION'S NATIONAL DESIGN SPECIFICATION (NDS) FOR WOOD CONSTRUCTION. ALL STRUCTURAL WOOD MEMBERS SHALL BE #2 KILN DRIED HEM. FIR, SOUTHERN PINE OR EQUIVALENT WITH A MAXIMUM MOISTURE CONTENT OF 19%.
  - MINIMUM VALUES:
    - F<sub>b</sub> = 1,200 PSI
    - MODULUS OF ELASTICITY = 1,400,000 PSI
    - COMPRESSION PERPENDICULAR TO GRAIN = 565 PSI
    - STRESS GRADE LUMBER SHALL BE CLEARLY STAMPED WITH THE INSPECTION ASSOCIATION SEAL.
- LAMINATED VENEER LUMBER (LVL) LAMINATED BEAMS SHALL BE MICROLAM, G-P LAM, PARALAM OR EQUIVALENT WITH THE FOLLOWING MINIMUM ALLOWABLE STRESSES:
  - MODULUS OF ELASTICITY, E = 2.0E MINIMUM - UNLESS NOTED OTHERWISE.
  - FLEXURAL (BENDING) STRESS = 2,600 PSI
  - HORIZONTAL SHEAR = 250 PSI
  - INSTALLATION, FASTENERS AND HANGERS SHALL BE IN ACCORDANCE WITH THE LVL MANUFACTURER'S RECOMMENDATIONS AND MEET OR EXCEED LVL END REACTIONS.
- WOOD TRUSSES SHALL BE DESIGNED AND FABRICATED ACCORDING TO THE TRUSS PLATE INSTITUTE (TPI) DESIGN SPECIFICATIONS FOR LIGHT METAL PLATE CONNECTED WOOD TRUSSES. COMPLETE SHOP DRAWINGS AND LAYOUT DRAWINGS ARE REQUIRED. TRUSS DESIGN SHALL BE CERTIFIED AND STAMPED BY A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF MARYLAND. TRUSSES SHALL BE PERMANENTLY BRACED PER TRUSS MANUFACTURER'S REQUIREMENTS AND PER LOCAL BUILDING AUTHORITY REQUIREMENTS.
- ALL EXTERIOR WALL SHEATHING SHALL BE MINIMUM 7/8" OSB, CONTINUOUS SHEATHING, CS-WSP, UNLESS NOTED OTHERWISE.



WILLOUGHBY DESIGN, LLC  
 PO BOX 651145  
 POTOMAC FALLS, VIRGINIA 20165 U.S.A.  
 TEL: 703.472.4006 FAX: 703.404.4727  
 EMAIL: TWILLOUGHBY@WILLOUGHBYDESIGNLLC.COM

PROFESSIONAL CERTIFICATION  
 I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NUMBER 56766. EXPIRATION DATE 11/24/2025.



**FOUNDATION & FLOOR FRAMING PLAN & STRUCTURAL NOTES**  
**LEHMER ADDITION & RENOVATION**

SHEET TITLE: FOUNDATION & FLOOR FRAMING PLAN & STRUCTURAL NOTES  
 PROJECT NAME: LEHMER ADDITION & RENOVATION  
 PROJECT NO: 2019.08  
 PROJECT ADDRESS: 14576 MACCLINTOCK DRIVE, GLENWOOD, MD 21738

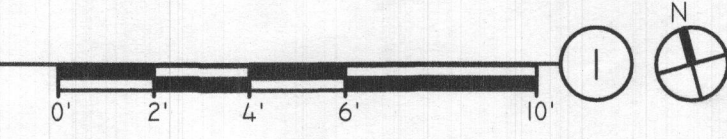
DATE:	DESCRIPTION:
07/21/2023	PERMIT SET
08/28/2023	REVISION 01

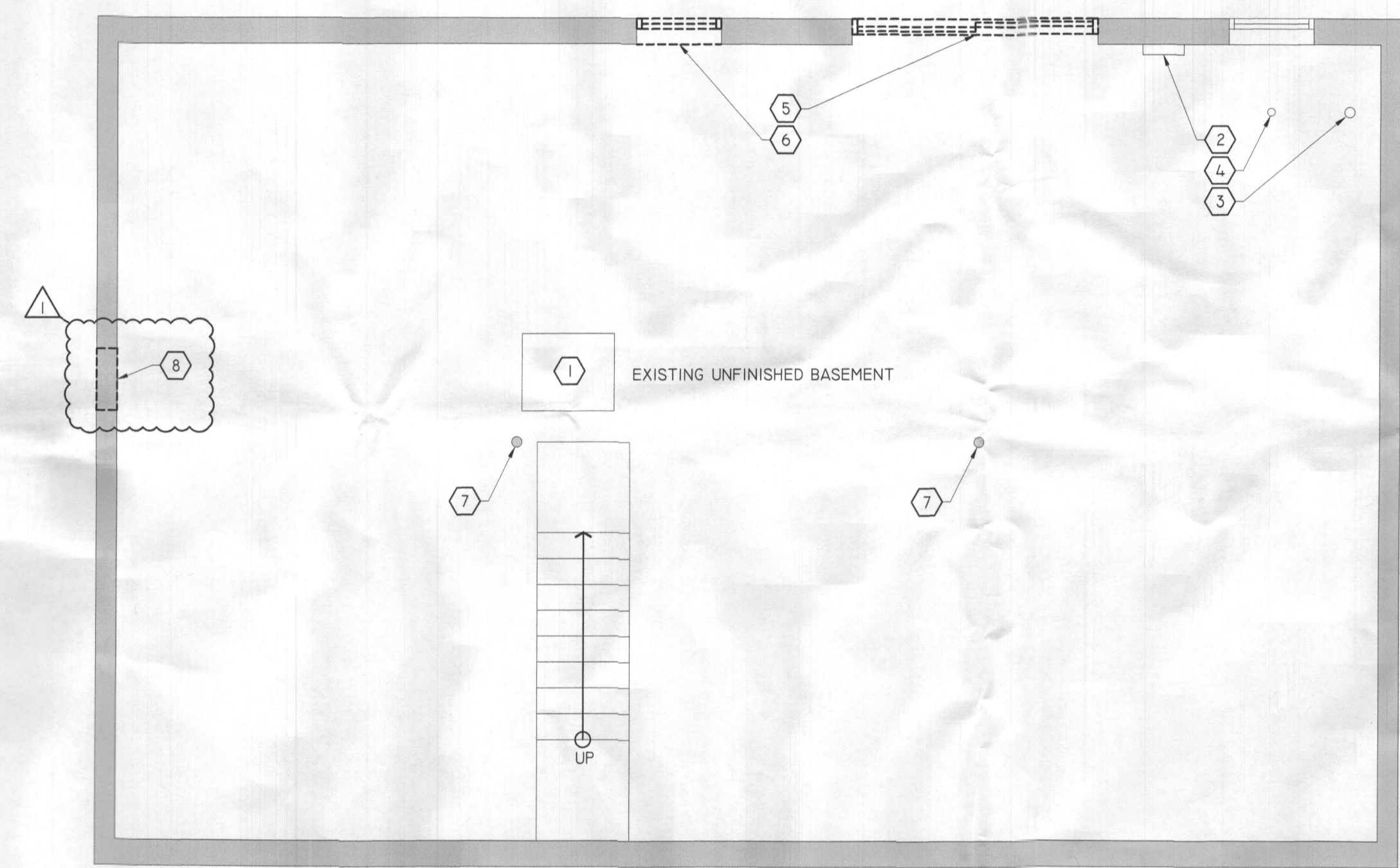
SHEET NUMBER:

S100

REVISION 01

FOUNDATION & FLOOR FRAMING PLAN  
 SCALE: 1/4" = 1'-0"





GENERAL NOTES

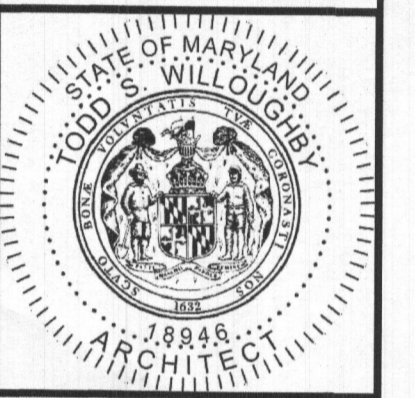
1. ALL ELEMENTS ARE SHOWN DIAGRAMMATICALLY. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK AND ORDERING OF MATERIALS.

KEY NOTES

- 1 EXISTING HVAC UNIT
- 2 EXISTING ELECTRICAL DISTRIBUTION PANEL - REFER TO SHEET A100
- 3 EXISTING RADON VENT PIPING
- 4 EXISTING FLOOR DRAIN
- 5 DEMOLISH AND REMOVE EXISTING SLIDING DOOR
- 6 DEMOLISH AND REMOVE EXISTING WINDOW AND WALL BELOW TO SLAB
- 7 EXISTING STEEL COLUMN
- 8 DEMOLISH AND REMOVE PORTION OF EXISTING FOUNDATION WALL TO ACCOMMODATE ACCESS TO NEW CRAWLSPACE - REFER TO SHEET A100 & A301



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PO BOX 651145  
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TEL: 703.472.4006 FAX: 703.404.4727  
EMAIL: TWILLOUGHBY@WILLOUGHBYDESIGN.LLC.COM



PROFESSIONAL CERTIFICATION:  
I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.  
LICENSE NUMBER: 02246  
EXPIRATION DATE: 04/03/2025

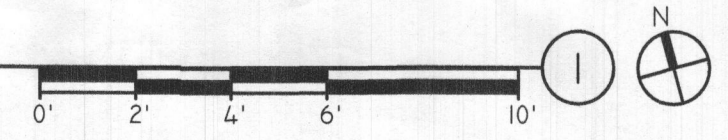
SHEET TITLE: BASEMENT FLOOR PLAN - DEMOLITION  
PROJECT NAME: LEHMER ADDITION & RENOVATION  
PROJECT NO: 2019.08  
PROJECT ADDRESS: 14576 MACCLINTOCK DRIVE, GLENWOOD, MD 21738

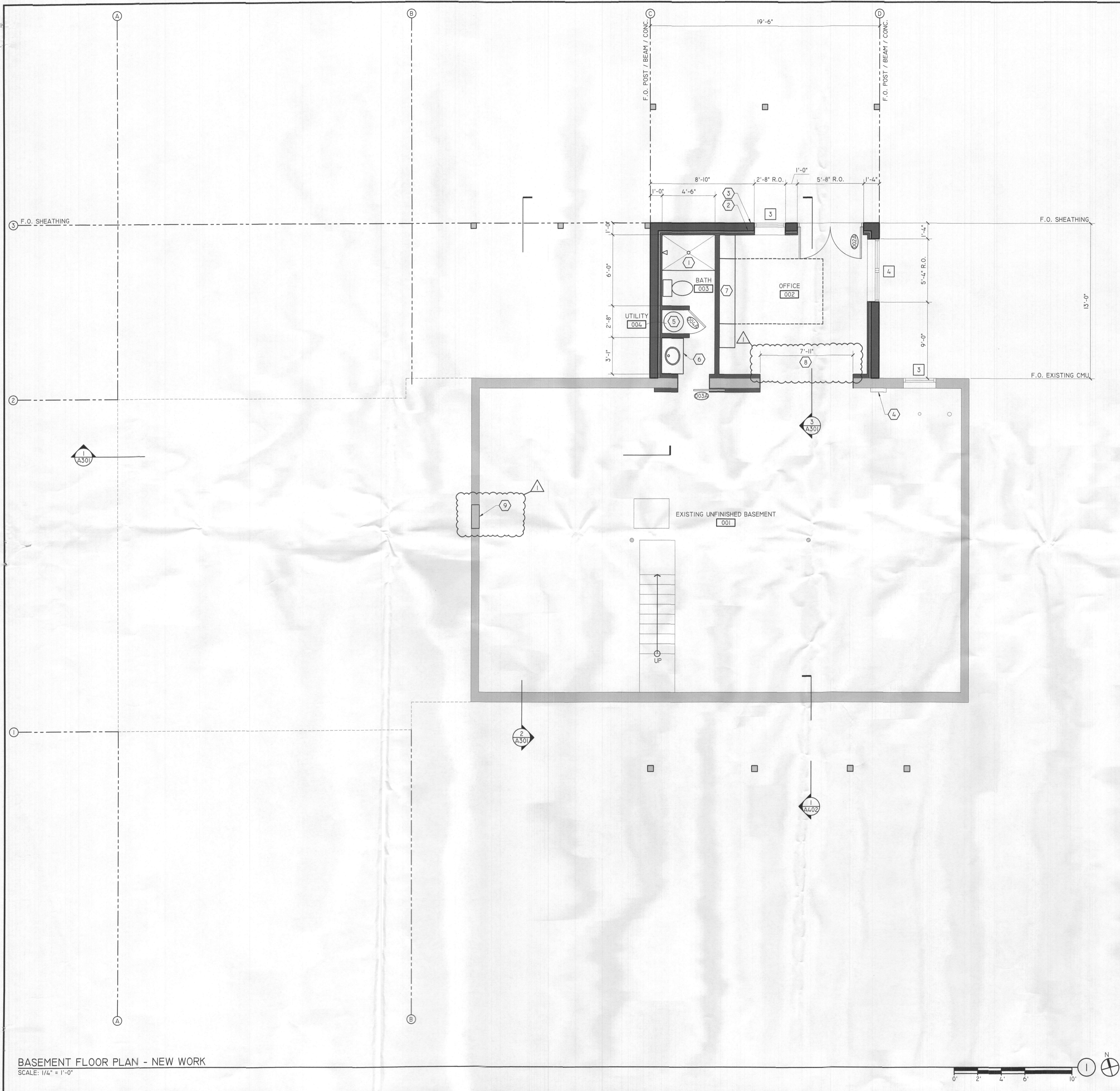
DATE	DESCRIPTION
07/21/2023	PERMIT SET
08/28/2023	REVISION 01

SHEET NUMBER:

**A000**

REVISION 01





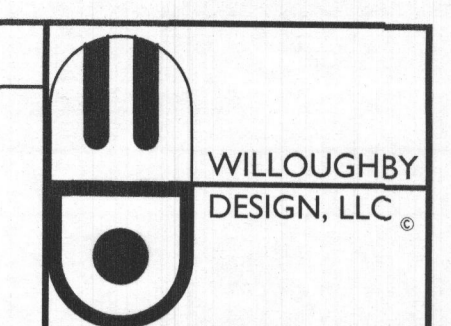
BASEMENT FLOOR PLAN - NEW WORK  
SCALE: 1/4" = 1'-0"

GENERAL NOTES

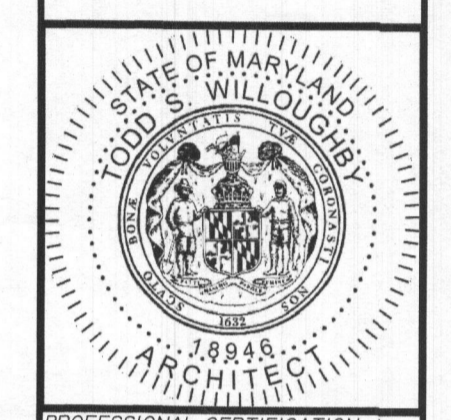
1. REFER TO SHEET A000 FOR DEMOLITION INFORMATION.

KEY NOTES

1. SHOWER PAN - 54" L x 36" W
2. CONTINUOUS BASEMENT WALL INSULATION - R-10 (MIN.) ATTACH WITH DOME FASTENERS
3. CAST-IN-PLACE FOUNDATION / BASEMENT WALL - REFER TO SHEET S100
4. RELOCATE EXISTING ELECTRICAL DISTRIBUTION PANEL AS REQUIRED TO INSTALL NEW WORK
5. SEWAGE EJECTOR PUMP
6. VANITY - 36" WIDE MAX.
7. QUEEN SIZED MURPHY BED WITH 24" CABINETS EACH SIDE
8. CASED OPENING WITHOUT DOORS
9. ACCESSWAY TO CRAWLSPACE - 18"X24" CLEAR MIN. WITH ACCESS PANEL



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EMAIL: TWILLOUGHBY@WILLOUGHBYDESIGNLLC.COM



PROFESSIONAL CERTIFICATION: I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NUMBER 18848 EXPIRATION DATE 04/03/2025.  
Digitally signed by Todd S. Willoughby  
DN: cn=Todd S. Willoughby, o=Willoughby Design, LLC, email=twilloughby@willoughbydesignllc.com, c=US  
Date: 2023.08.07 10:30:50-07'00'

SHEET TITLE: BASEMENT FLOOR PLAN - NEW WORK  
PROJECT NAME: LEHMER ADDITION & RENOVATION  
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07/21/2023	PERMIT SET
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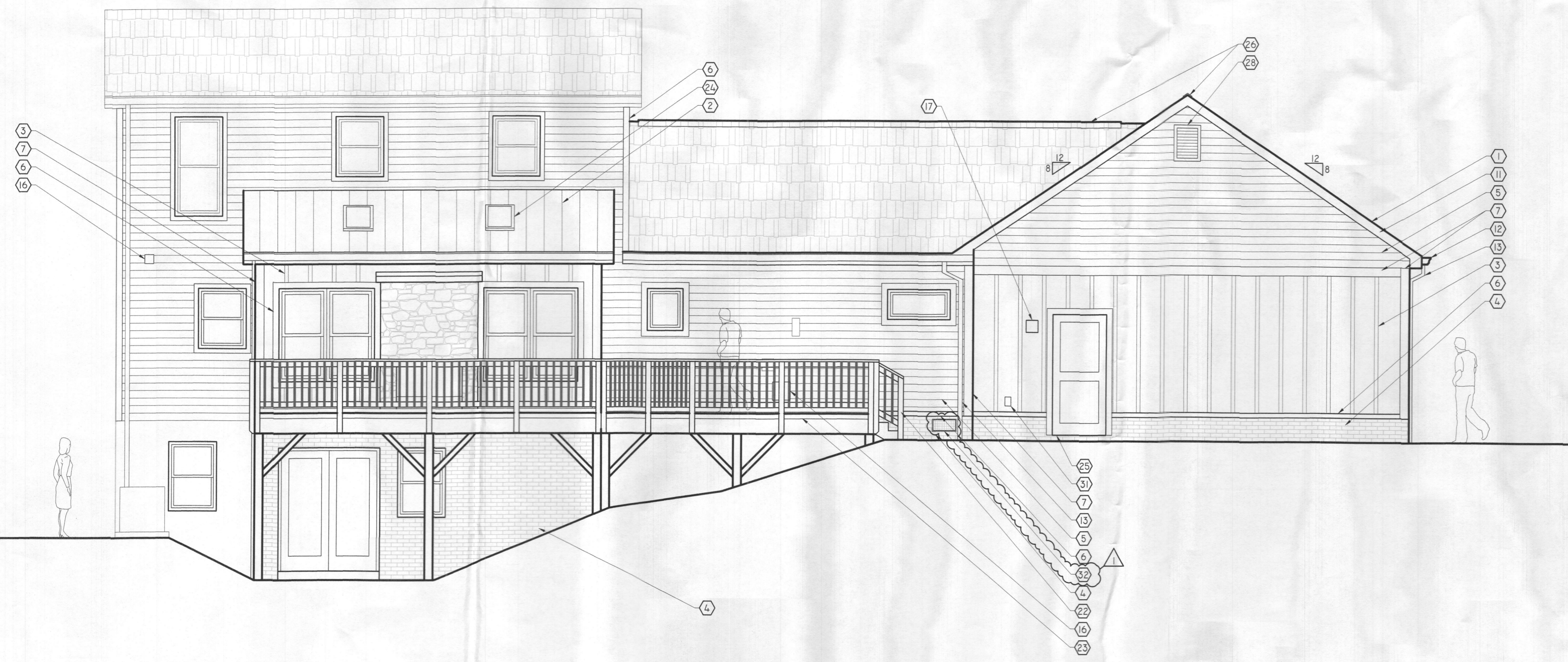
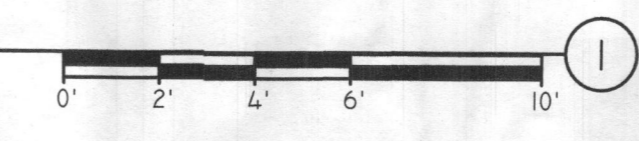
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**A100**

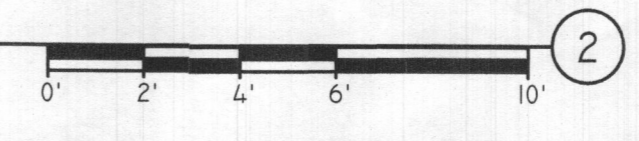
REVISION 01



EXTERIOR ELEVATION - SOUTH  
SCALE: 1/4" = 1'-0"

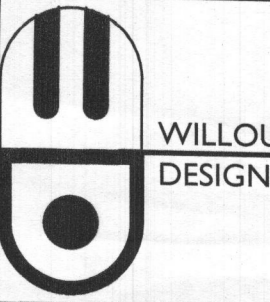


EXTERIOR ELEVATION - NORTH  
SCALE: 1/4" = 1'-0"



KEY NOTES

- ① ASPHALT SHINGLE ROOFING
- ② STANDING SEAM METAL ROOFING
- ③ FIBER-CEMENT BOARD AND BATTEN SIDING
- ④ "BRICK" STAMPED CONCRETE FOUNDATION WALL
- ⑤ FIBER-CEMENT LAP SIDING WITH 5" EXPOSURE
- ⑥ FIBER-CEMENT TRIM - 5/4 THICK x 3 1/2" WIDE - TYPICAL AT WINDOWS AND DOORS
- ⑦ FIBER-CEMENT TRIM - 5/4 THICK x 5 1/2" WIDE
- ⑧ VENEER STONE
- ⑨ STONE TRIM
- ⑩ SINGLE-HUNG WINDOW - REFER TO SHEET A601
- ⑪ PRE-FINISHED ALUMINUM WRAPPED FASCIA
- ⑫ PRE-FINISHED ALUMINUM GUTTER
- ⑬ PRE-FINISHED ALUMINUM DOWNSPOUT
- ⑭ EXISTING HVAC UNIT
- ⑮ CASEMENT WINDOW - REFER TO SHEET A601
- ⑯ EXHAUST VENT
- ⑰ WALL MOUNTED LIGHT FIXTURE
- ⑱ GABLE PEDIMENT - P.T. WOOD, STAIN
- ⑲ POST - P.T. WOOD, STAIN
- ⑳ BEAM - P.T. WOOD, STAIN
- ㉑ ANGLE BRACE - P.T. WOOD, STAIN
- ㉒ RAILING - P.T. WOOD, STAIN WITH COMPOSITE TOP RAIL
- ㉓ DECK EDGE - COMPOSITE
- ㉔ SKYLIGHT - REFER TO SHEET A601
- ㉕ EXTERIOR DOOR - REFER TO SHEET A601
- ㉖ RIDGE VENT
- ㉗ CANTILEVERED PORCH DESIGNED TO AVOID CONFLICT WITH EXISTING SANITARY PIPING
- ㉘ ATTIC VENT
- ㉙ STAIRS
- ㉚ ALUMINUM RAILING
- ㉛ HOSE BIB - FROST PROOF
- ㉜ FOUNDATION VENT - 16" x 8" - BASIS-OF-DESIGN: "GAF MASTER FLOW"



WILLOUGHBY DESIGN, LLC  
PO BOX 651145  
POTOMAC FALLS, VIRGINIA 20165 U.S.A.  
TEL: 703.472.4006 FAX: 703.404.4727



PROFESSIONAL CERTIFICATION  
I, THE ARCHITECT, HEREBY  
CERTIFY THAT THESE DOCUMENTS  
WERE PREPARED OR APPROVED  
BY ME, AND THAT I AM A DULY  
LICENSED ARCHITECT UNDER THE  
LAWS OF THE STATE OF MARYLAND.  
LICENSE NUMBER 18246  
EXPIRATION DATE 08/28/2025

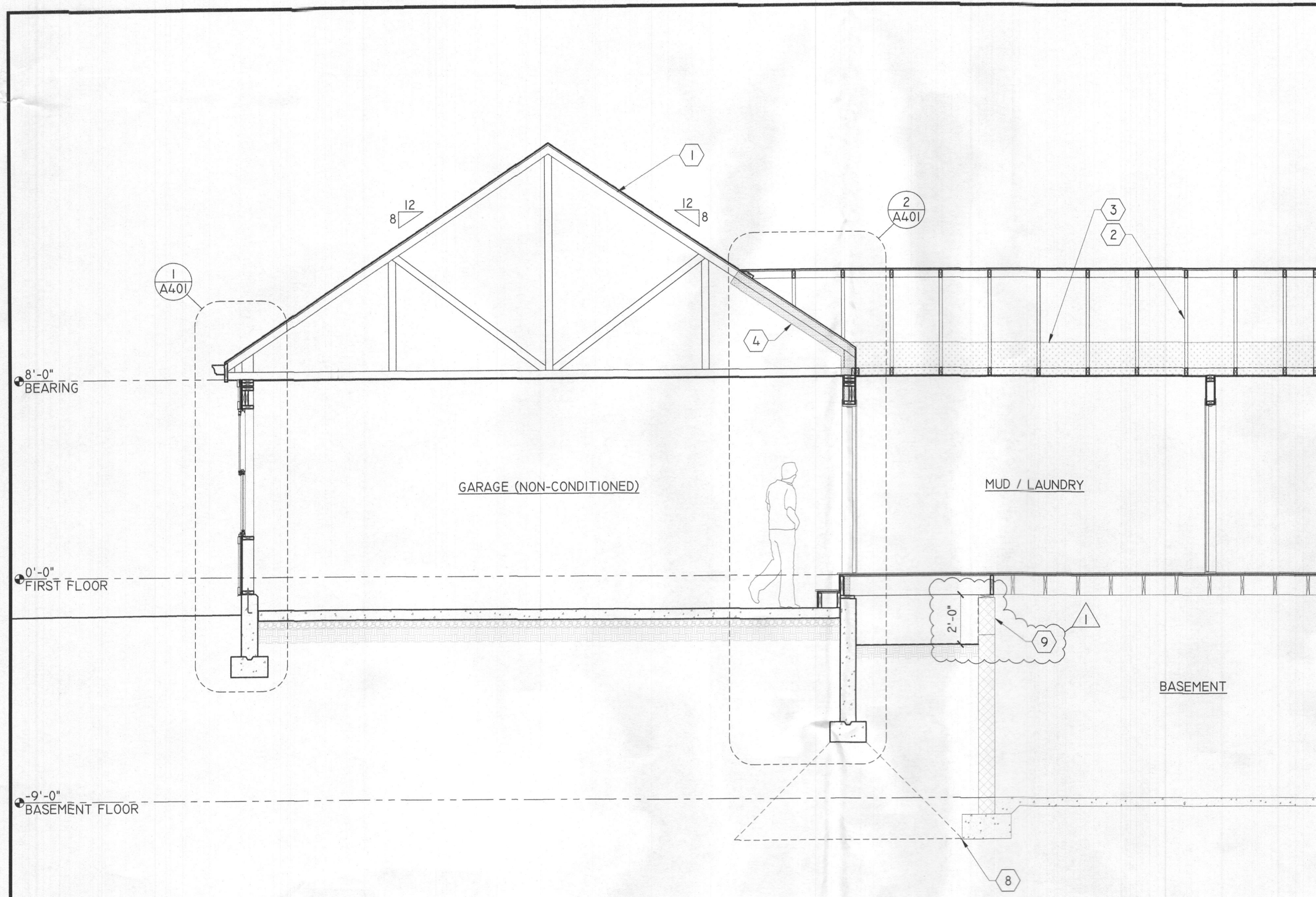
SHEET TITLE: EXTERIOR ELEVATIONS  
PROJECT NAME: LEHMER ADDITION & RENOVATION  
DATE: 2019.08

DATE	DESCRIPTION
07/21/2023	PERMIT SET
08/28/2023	REVISION 01

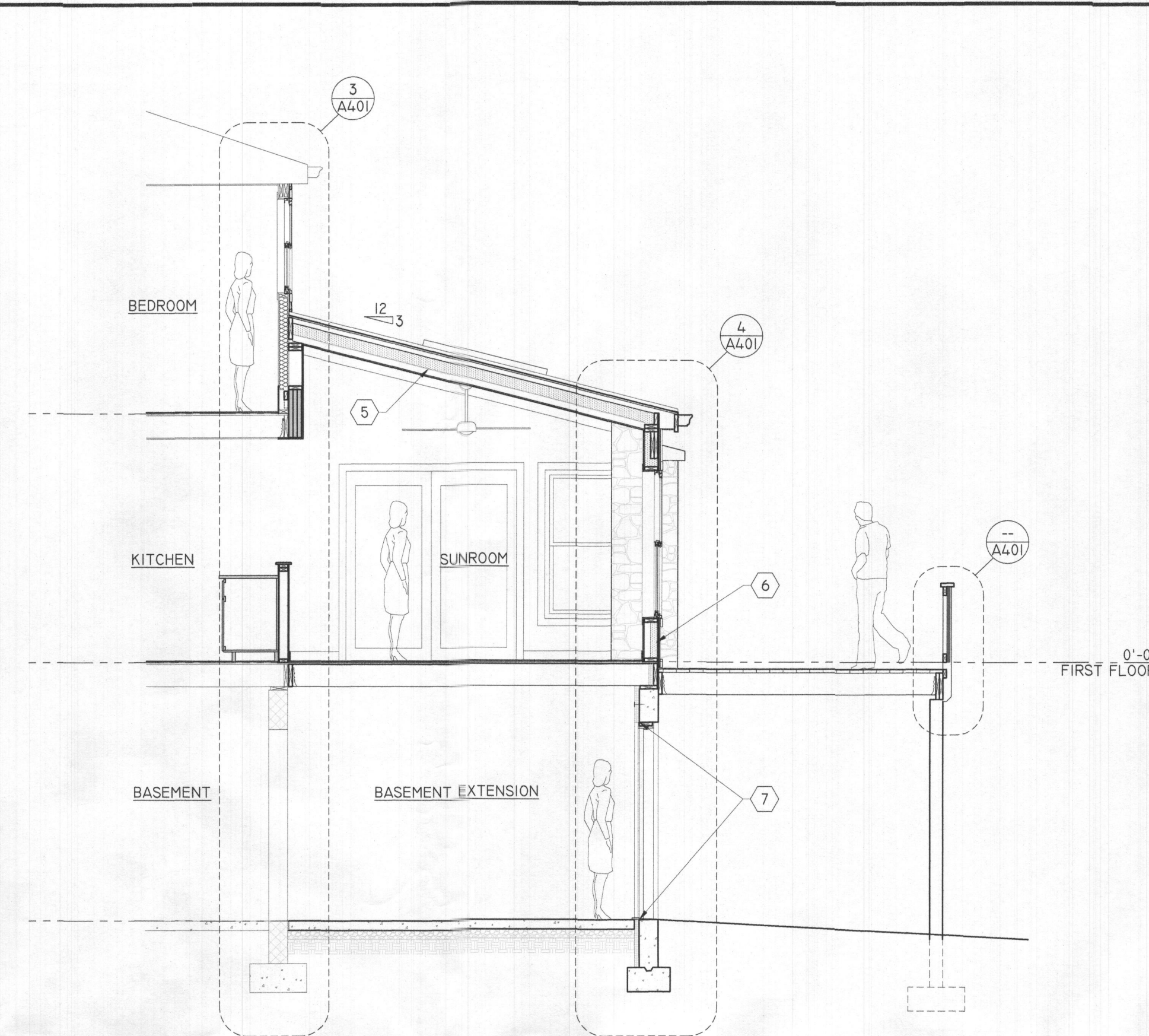
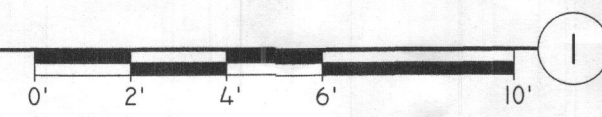
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A20

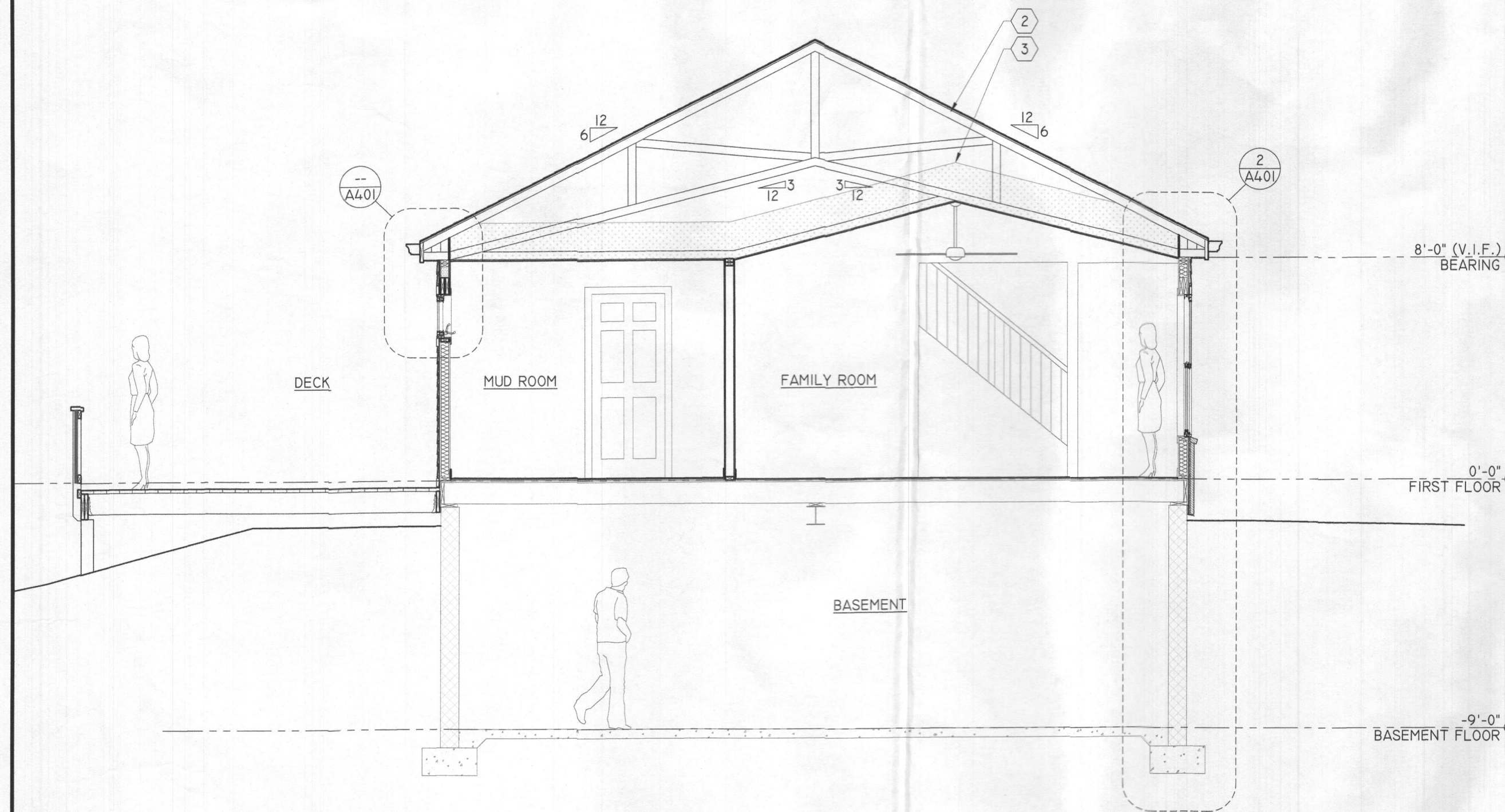
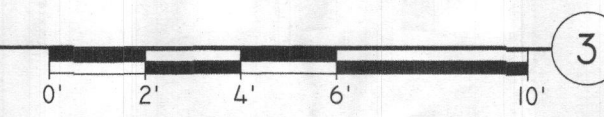
REVISION 01



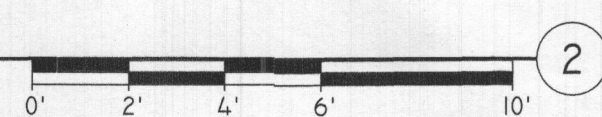
BUILDING SECTION - EAST / WEST  
SCALE: 1/4" = 1'-0"



BUILDING SECTION - NORTH / SOUTH  
SCALE: 1/4" = 1'-0"



BUILDING SECTION - NORTH / SOUTH  
SCALE: 1/4" = 1'-0"



GENERAL NOTES

1. ALL ELEMENTS ARE SHOWN DIAGRAMMATICALLY. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK AND ORDERING OF MATERIALS.
2. REFER TO WALL SECTIONS AND DETAILS FOR ADDITIONAL INFORMATION.

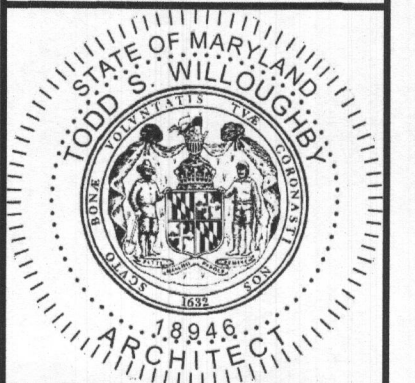
KEY NOTES

- 1 PRE-ENGINEERED ROOF TRUSS
- 2 PRE-ENGINEERED SCISSOR ROOF TRUSS
- 3 LOOSE FILL INSULATION - 16" THICK = R-49
- 4 FOAMED-IN-PLACE CLOSED CELL INSULATION - 7" THICK = R-49
- 5 FOAMED-IN-PLACE CLOSED CELL INSULATION - 4.5" THICK = R-31
- 6 FOAMED-IN-PLACE CLOSED CELL INSULATION - 3" THICK = R-21
- 7 CONTINUOUS RIGID BOARD INSULATION - 2" THICK = R-10
- 8 ZONE OF INFLUENCE SHOWN DASHED - COORDINATE FOOTING DEPTH TO AVOID IMPACT WITHIN ZONE OF INFLUENCE
- 9 ACCESSWAY TO CRAWLSPACE - REFER TO SHEET A100



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PROFESSIONAL CERTIFICATION:  
I CERTIFY THAT THESE DOCUMENTS  
WERE PREPARED OR APPROVED BY  
ME AND THAT I AM A DULY  
LICENSED ARCHITECT UNDER THE  
LAWS OF THE STATE OF MARYLAND,  
LICENSE NUMBER 18946,  
EXPIRATION DATE 04/03/2025.  
Todd S. Willoughby  
Architect  
Date: 2023.08.08 08:19:00

SHEET TITLE: BUILDING SECTIONS  
PROJECT NAME: LEHMER ADDITION & RENOVATION  
PROJECT NO: 2019\_08  
PROJECT ADDRESS: 14576 MACCLINTOCK DRIVE, GLENWOOD, MD 21738

DATE:	DESCRIPTION:
07/21/2023	PERMIT SET
08/28/2023	REVISION 01

SHEET NUMBER:  
**A301**  
REVISION 01