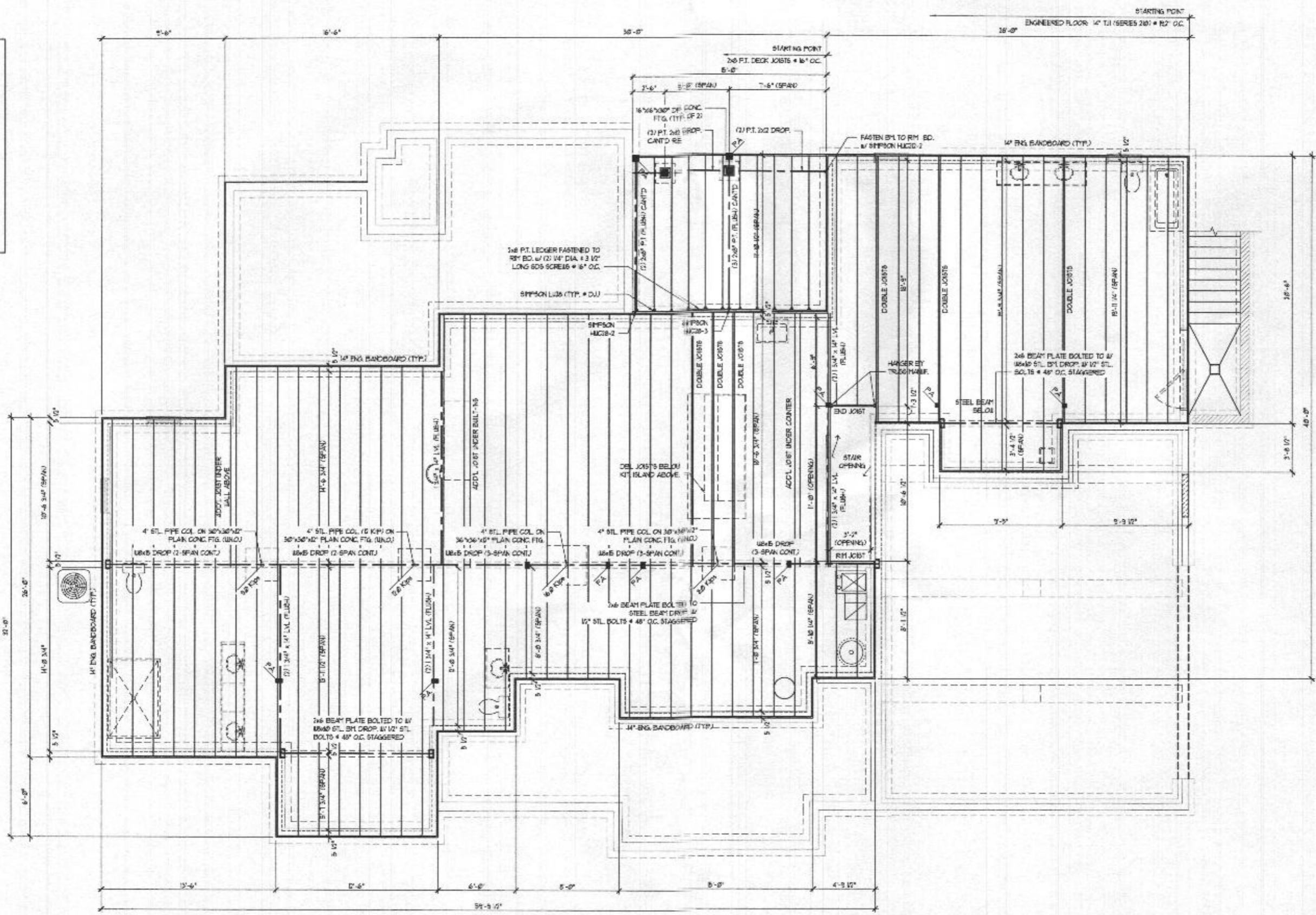


**FRAMING NOTES:**

1. ALL EXTERIOR WALLS ARE TO BE 2x6 STUDS FRAMED @ 16" O.C., UNLESS NOTED OTHERWISE.
2. ALL INTERIOR WALLS ARE TO BE 2x4 STUDS FRAMED @ 16" O.C., UNLESS NOTED OTHERWISE.
3. SOLID BLOCK, ALL BEAMS & HEADERS (GREATER THAN 4" x 12" x JACK STUD 4" x 12" KING STUD. THE NUMBER OF STUDS SPECIFIED AT A SUPPORT INDICATES THE NUMBER OF JACK STUDS REQUIRED (TYP) UNLESS NOTED OTHERWISE.
4. (2) 2" x 6" HEADERS (TYP) AT OPENINGS LESS THAN 12" UNLESS NOTED OTHERWISE.
5. FLOOR JOISTS SHOWN IS ONLY FOR GUIDANCE, S-COF DRAWINGS SHALL BE SUBMITTED FOR REVIEW.
6. SIB-FLOOR SHALL BE 3/4" THICK (MIN) TONGUE & GROOVE TO MEET APA STANDARD.

THESE DRAWINGS ARE SCHEMATIC ONLY. ALL ROOF TRUSSES AND FLOOR SYSTEMS SHALL BE ENGINEERED BY OTHERS. SEE MANUFACTURER'S PLANS FOR THE EXACT LAYOUT AND CONSTRUCTION.



**FIRST FLOOR FRAMING PLAN**  
 SCALE (1/4"=1'-0")  
 SCALE (1/4"=1'-0")

Architecture Collaborative, Inc.  
 Ellicott City, MD 21043  
 8334 Main Street  
 www.archcol.com  
 Tel.: (410) 465-7500 Fax: (410) 465-0903

content: FIRST FLOOR FRAMING PLAN  
 date: 02/02/20  
 draw: SIS  
 title: LEE STUMPF STUMPF RESIDENCE

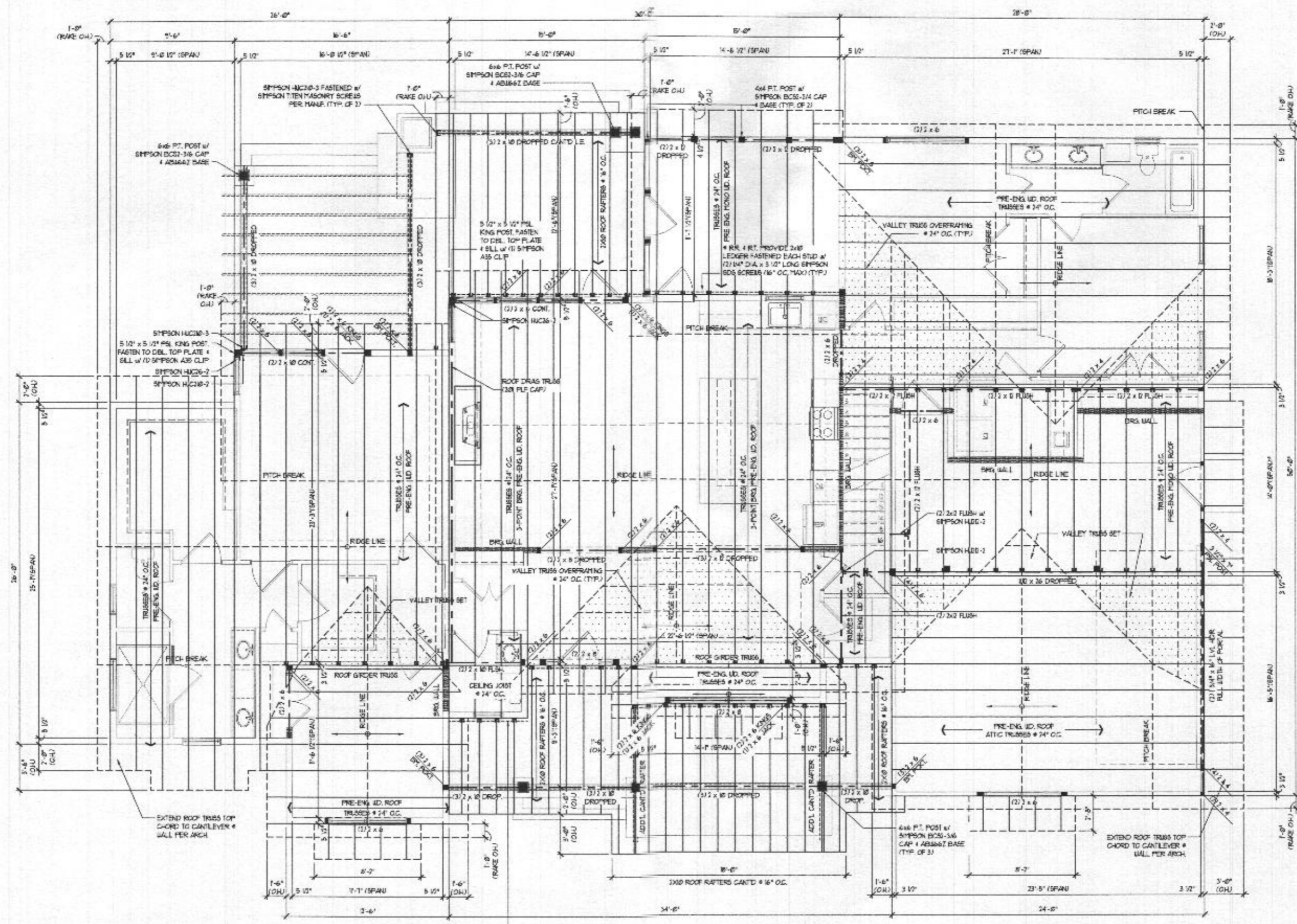
date	revision

Professional Certification  
 I hereby certify that these documents were prepared or approved by me, or by a duly licensed professional engineer of the State of Maryland.  
 license number: 3621  
 expiration date: 04-01-2022

SHEET #  
**S1.1**

- FRAMING NOTES:**
1. ALL EXTERIOR WALLS ARE TO BE 2X6 STUDS FRAMED @ 16" O.C., UNLESS NOTED OTHERWISE.
  2. ALL INTERIOR WALLS ARE TO BE 2X4 STUDS FRAMED @ 16" O.C., UNLESS NOTED OTHERWISE.
  3. SOLID BLOCK ALL BAYS 4 HEADERS (GREATER THAN 4'-0" (U) OR JACK STUD (U) KING STUD. THE NUMBER OF STUDS SPECIFIED AT A SUPPORT INDICATES THE NUMBER OF JACK STUDS REQUIRED (TYP) UNLESS NOTED OTHERWISE.
  4. (2) 2 x 6 HEADERS (TYP) AT OPENINGS LESS THAN 12' UNLESS NOTED OTHERWISE.
  5. FLOOR JOISTS SHOWN IS ONLY FOR GUIDANCE, SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW.
  6. G.I.D. FLOOR SHALL BE 3/4" THICK (MIN.) TONGUE & GROOVE TO MEET AFA STANDARD.

THESE DRAWINGS ARE SCHEMATIC ONLY. ALL ROOF TRUSSES AND FLOOR SYSTEMS SHALL BE ENGINEERED BY OTHERS. SEE MANUFACTURER'S PLANS FOR THE EXACT LAYOUT AND CONSTRUCTION.



**ROOF FRAMING PLAN**  
 SCALE (17x11): 1/8" = 1'-0"  
 SCALE (34x22): 1/4" = 1'-0"

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 8334 Main Street  
 www.archcol.com  
 Tel: (410) 465-7500 Fax: (410) 485-0903

content	ROOF FRAMING PLAN
date	08/08/20
drawn	SJS
checked	LSL
title	LEE STUMPF STUMPF RESIDENCE

date	revision

Professional Certification  
 I hereby certify that these documents were prepared or reviewed by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.  
 License number: 080  
 expiration date: 04-08-2022

SHEET 2  
 S2.1



MULHERN+KULSHREKAR  
RESIDENTIAL STRUCTURAL ENGINEERS  
303 Frederick Ave. Building 4 • Annapolis, MD 21403  
P 410-440-0001 • mulhern@mkse.com

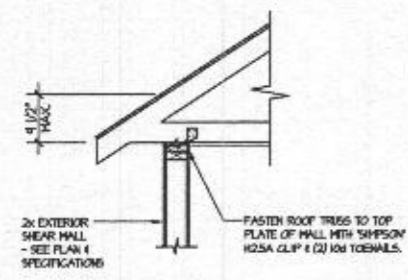


NSF project number:  
093-20008  
project mgr: JTR  
owner: SEH  
issued: 04-07-20  
revision:  
date: n/a

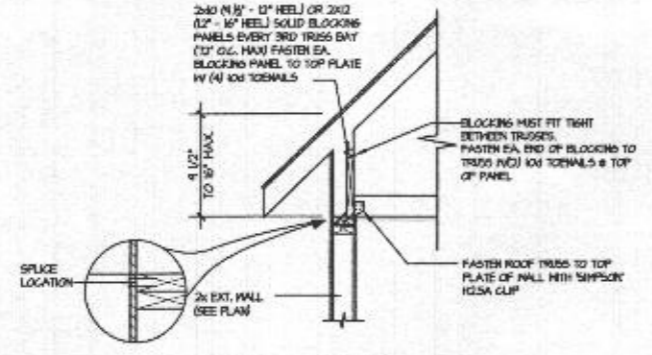
ARCHITECTURE  
COLLABORATIVE, INC.

STUMPF RESIDENCE  
HOWARD CO., MD

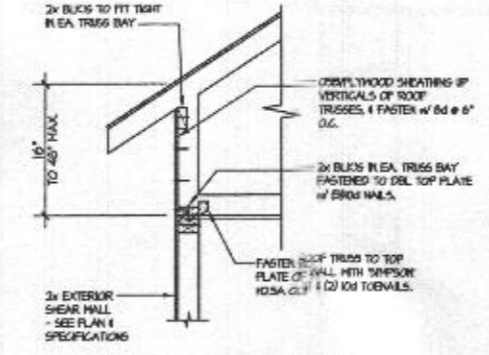
LB-1



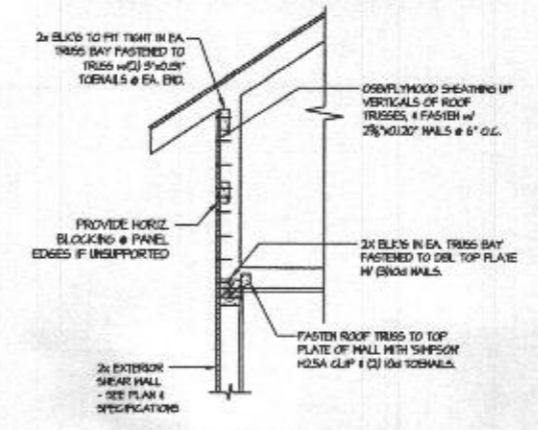
**(A1) TYPICAL SHEAR TRANSFER DETAIL @ ROOF**  
SCALE: 3/4"=1'-0"  
HEEL HEIGHT LESS THAN 4 1/2" TO BLOCKING REED



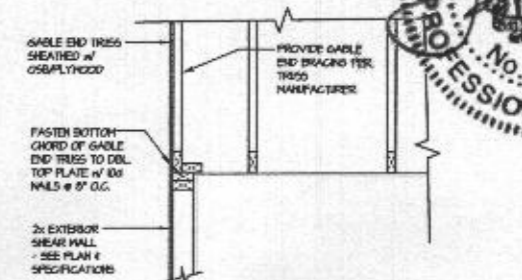
**(A2) TYPICAL SHEAR TRANSFER DETAIL @ ROOF**  
SCALE: 3/4"=1'-0"  
HEEL HEIGHT BETWEEN 4 1/2" - 8" BLOCKING REED



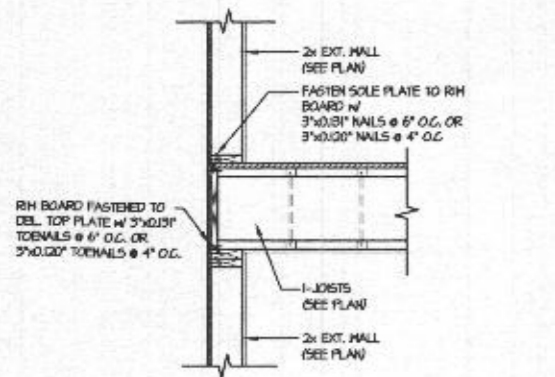
**(A3) TYPICAL SHEAR TRANSFER DETAIL @ RAISED HEEL TRUSS**  
SCALE: 3/4"=1'-0"  
HEEL HEIGHT 8" TO 16" MAX



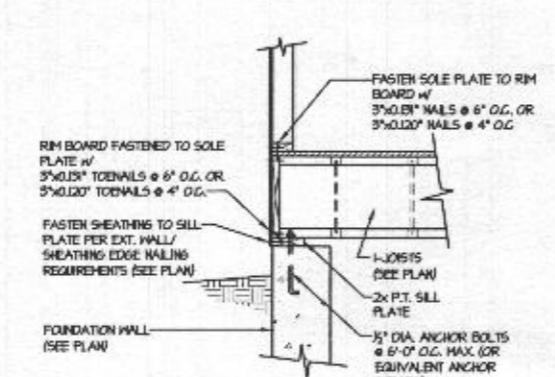
**(A4) TYPICAL SHEAR TRANSFER DETAIL @ RAISED HEEL TRUSS**  
SCALE: 3/4"=1'-0"  
HEEL HEIGHT GREATER THAN 16"



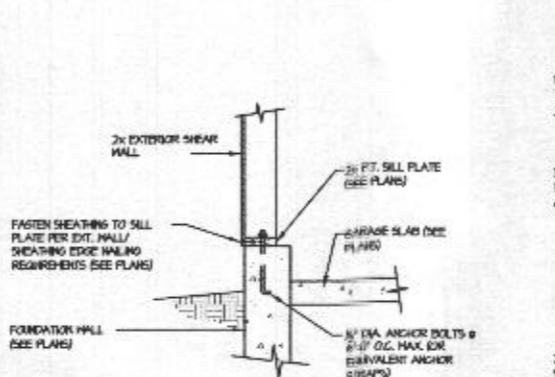
**(B1) TYPICAL GABLE END DETAIL**  
SCALE: 3/4"=1'-0"



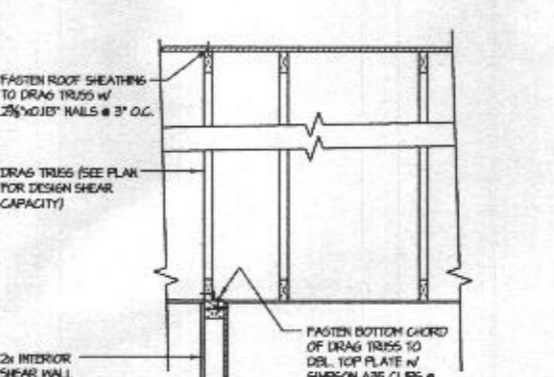
**(C1) TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ EXTERIOR WALL**  
SCALE: 3/4"=1'-0"



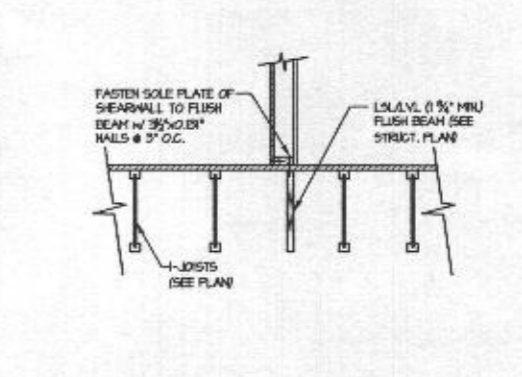
**(D1) TYPICAL SHEAR TRANSFER DETAIL @ EXTERIOR BASEMENT WALL**  
SCALE: 3/4"=1'-0"



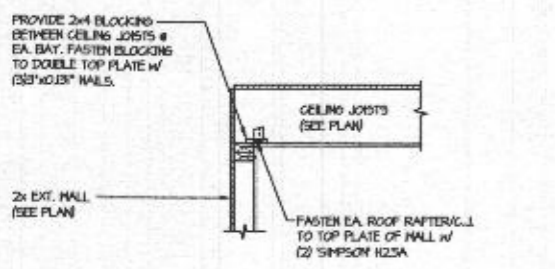
**(E1) TYPICAL SHEAR TRANSFER DETAIL @ EXTERIOR GARAGE WALL**  
SCALE: 3/4"=1'-0"



**(1) INTERIOR DRAG TRUSS DETAIL**  
SCALE: 3/4"=1'-0"



**(2) SHEAR TRANSFER DETAIL @ INTERIOR SHEARWALL ABOVE**  
SCALE: 3/4"=1'-0"  
PARALLEL FRAMES



**(B) TYPICAL SHEAR TRANSFER DETAIL @ ROOF**  
SCALE: 3/4"=1'-0"

LETTERED DETAILS ARE TYPICAL FOR THIS HOME & SHALL BE IMPLEMENTED IN ALL APPLICABLE AREAS. THESE DETAILS ARE NOT "CUT" ON THE PLANS.

NUMBERED DETAILS ARE PLAN SPECIFIC AND ARE ONLY REQUIRED WHERE SPECIFICALLY INDICATED ("CUT") ON THE PLANS.

**PROFESSIONAL CERTIFICATE**

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. 30969      EXPIRATION DATE: 10/14/20

### PROFESSIONAL CERTIFICATE

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. 30969

EXPIRATION DATE: 10/14/20



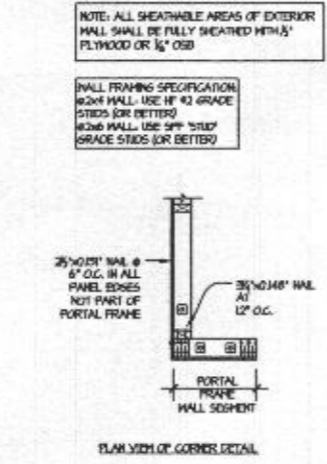
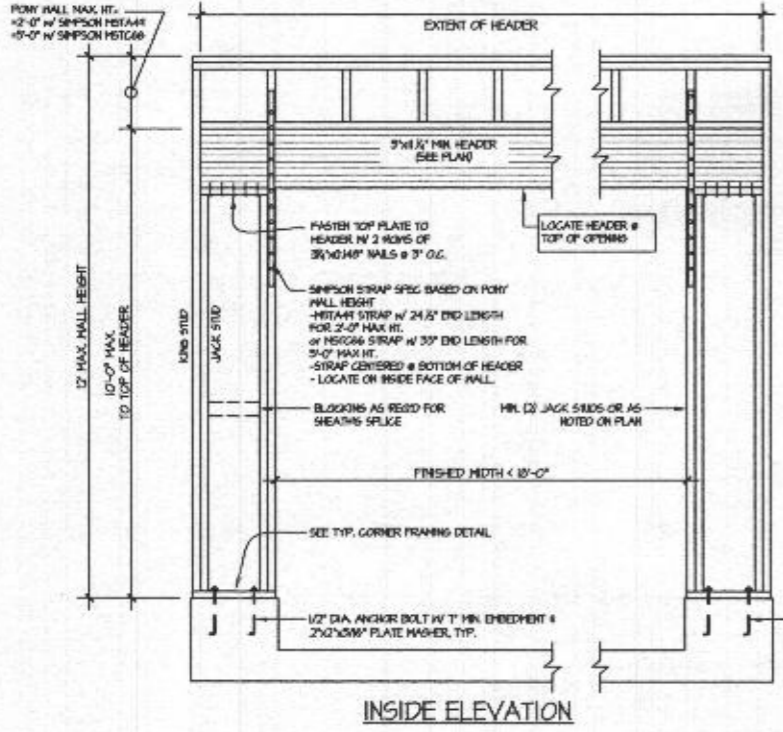
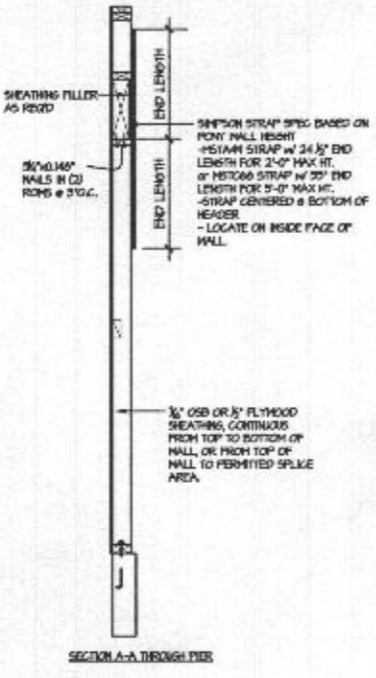
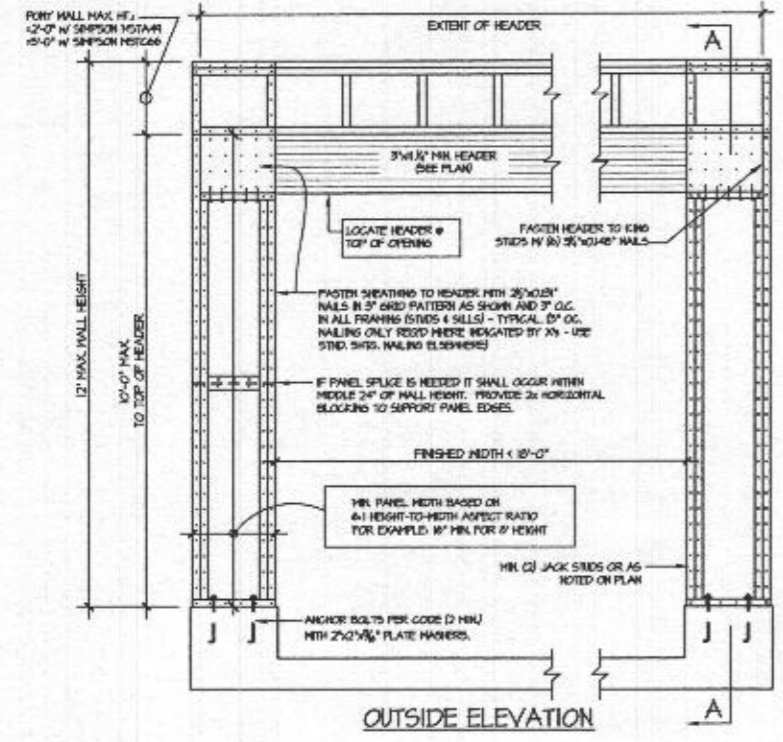
**MULHERNKAMP**  
RESIDENTIAL STRUCTURAL ENGINEERING  
303 Frederick Ave., Building 4 - Annapolis, MD 21403  
P: 410-496-0011 • m.mulhernkamp.com

MDX project number: 093-20008  
project mgr: JTR  
owner: SEH  
issue date: 04-07-20  
revision:  
date:

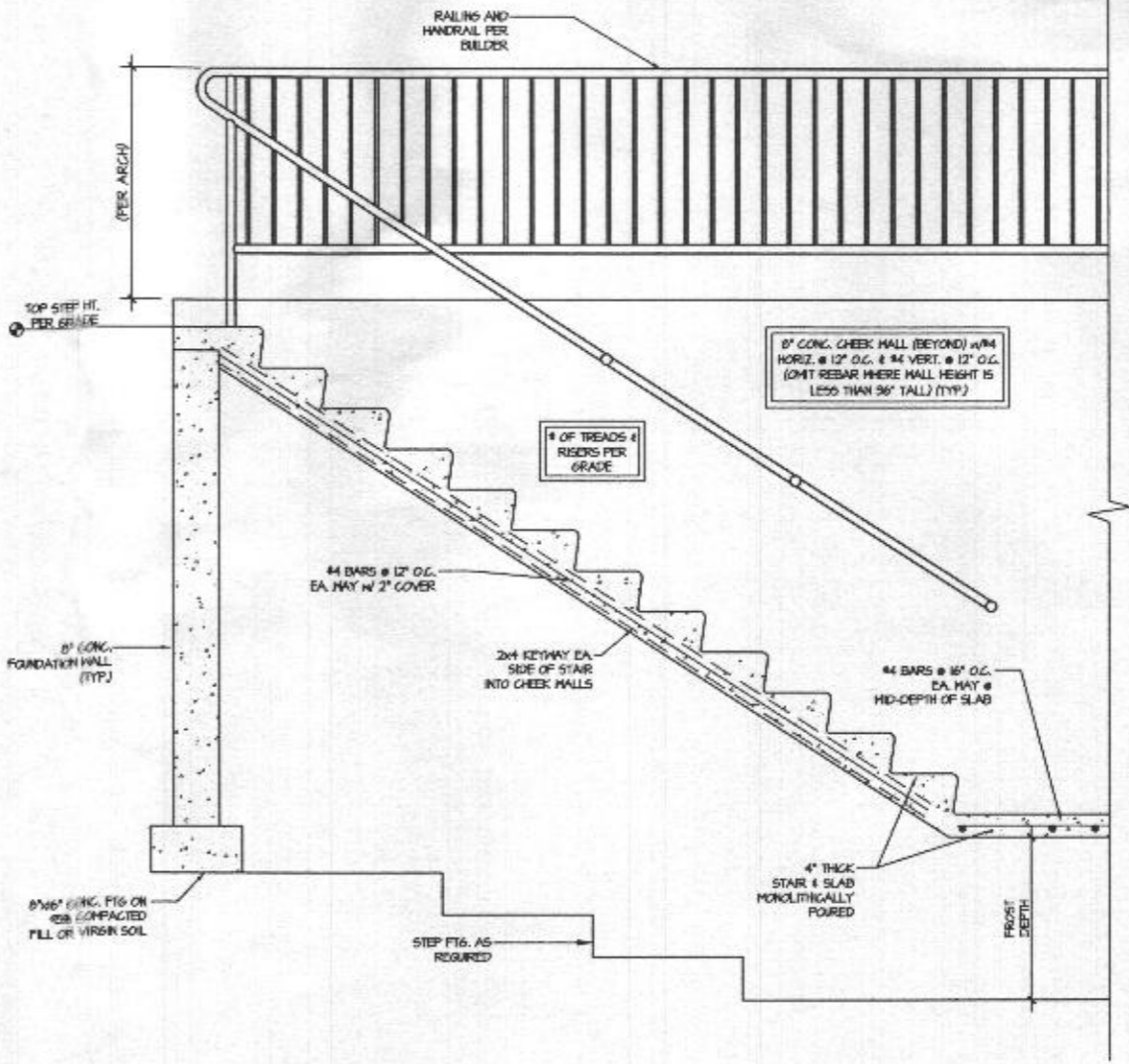
ARCHITECTURE  
COLLABORATIVE, INC.

SHEAR TRANSFER DTLS  
STUMPF RESIDENCE  
HOWARD CO., MD

LB-2



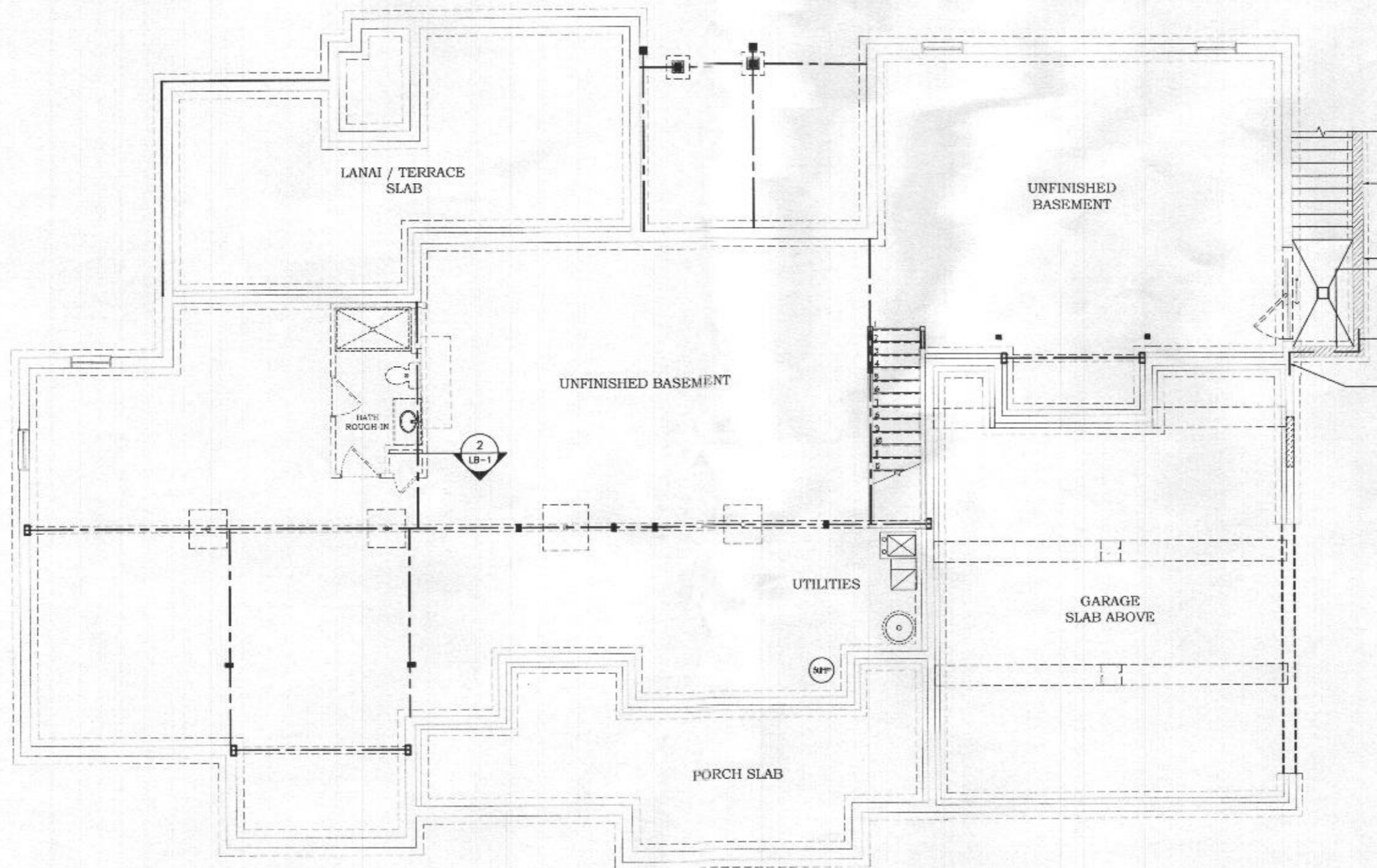
ALTERNATIVES TO 1/2" DIA. ANCHOR BOLT:  
1) 1/2" DIA. x 4" LONG SIMPSON TITEN HD  
2) 1/2" DIA. THREADED ROD EPOXY SET w/ 1/2" EMBED.  
FIBER FILLING w/ 1/2" HYDRO EPOXY ANCHERING SYSTEM  
(OR EQUAL)



1 GARAGE PORTAL FRAME BRACING ELEVATION  
SCALE: N.T.S. BOTH SIDES OF GARAGE DOOR

2 AREAWAY DETAIL  
SCALE: 3/4" = 1'-0"

- FRAMING NOTES:**
1. ALL EXTERIOR WALLS ARE TO BE 2x6 STUDS FRAMED @ 16" O.C., UNLESS NOTED OTHERWISE.
  2. ALL INTERIOR WALLS ARE TO BE 2x4 STUDS FRAMED @ 16" O.C., UNLESS NOTED OTHERWISE.
  3. SOLID BLOCK ALL BEAMS & HEADERS (GREATER THAN 4" x 10" OR JACK STUD 1" x 12" KING STUD). THE NUMBER OF STUDS SPECIFIED AT A SUPPORT INDICATES THE NUMBER OF JACK STUDS REQUIRED (TYP) UNLESS NOTED OTHERWISE.
  4. (2) 2" x 6" HEADERS (TYP) AT OPENINGS LESS THAN 7" UNLESS NOTED OTHERWISE.
  5. FLOOR JOISTS SHOWN IS ONLY FOR GUIDANCE. 3/4" DRAWINGS SHALL BE SUBMITTED FOR REVIEW.
  6. SUB-FLOOR SHALL BE 3/4" THICK (1 1/2") TONGUE & GROOVE TO MEET APA STANDARD.



- SEE 21B-2
- PROVIDE 4" HORIZ. & VERT. BARS @ 24" O.C. HORIZ. BARS SHALL BE LOCATED ON THE STAIR SIDE OF WALL w/ 1" CLEAR COVER
- PROVIDE 4" HORIZ. @ 24" O.C. @ CORNER & EXTEND 24" MIN. IN SA DIRECTION (LAP w/ HORIZ. REBAR)
- PROVIDE 4" DOELS @ 24" O.C. w/ 8" HOOK INTO FOUNDATION WALL & EXTEND 24" MIN. INTO STAIR FOUNDATION WALL

Architecture Collaborative, Inc.  
 8334 Main Street  
 Ellicott City, MD 21043  
 www.archcol.com  
 Tel: (410) 465-7500 Fax: (410) 465-0803

LATERAL BRACING PLAN - FOUNDATION  
 content: LATERAL BRACING PLAN - FOUNDATION  
 scale: 1" = 4' (3/4x22) file: S/S date: 02/02/20  
 U.N.O. 1" = 8' (17x21) LB-3  
**LEE STUMPF**  
 STUMPF RESIDENCE  
 title

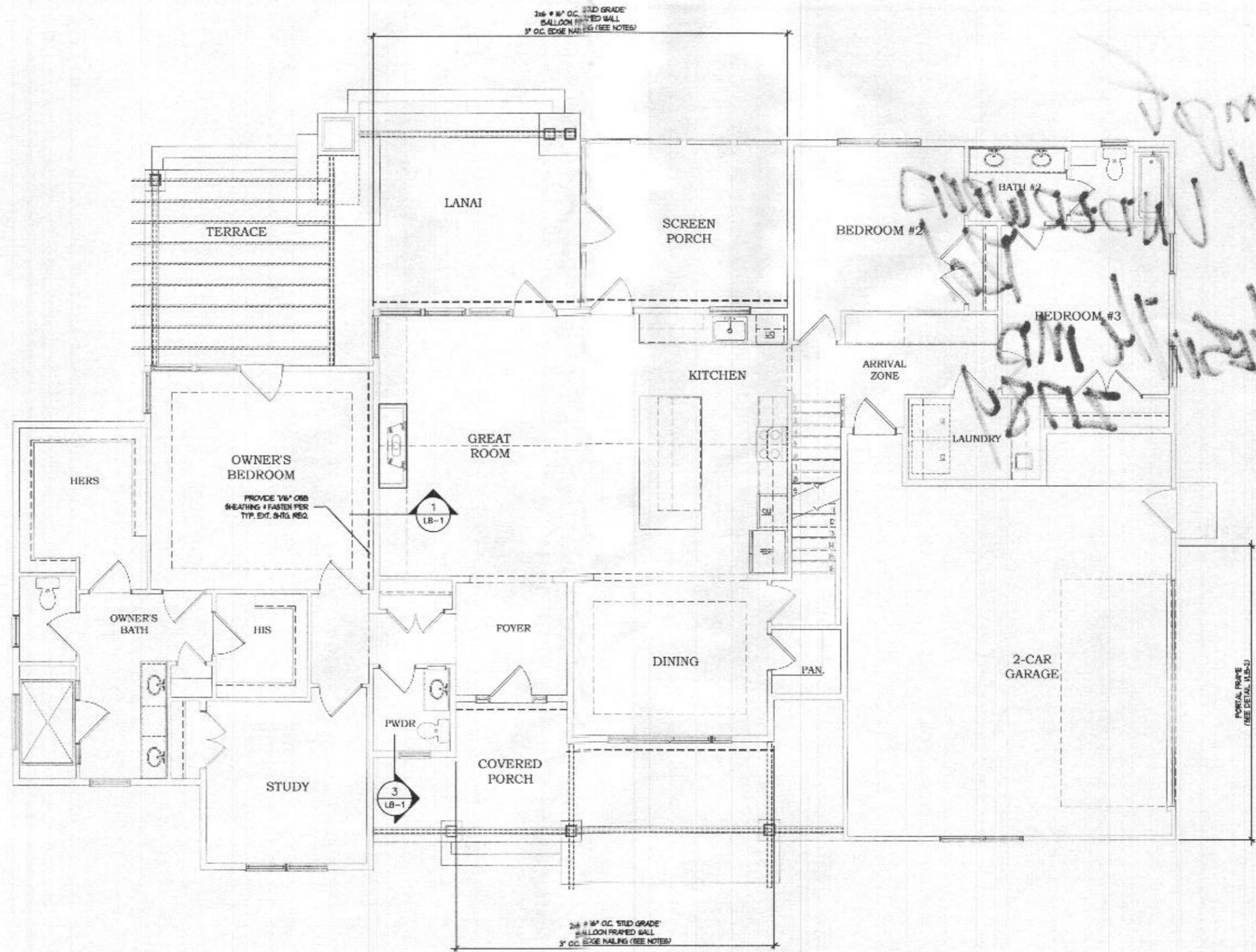
date	revision

Professional Certification  
 I hereby certify that these documents were prepared or approved by me, and that I am a duly Licensed Professional Architect under the laws of the State of Maryland.  
 License number: 9681  
 expiration date: 04-02-2022

**LATERAL BRACING PLAN FOUNDATION**  
 SCALE (17x11): 1/8" = 1'-0"  
 SCALE (36x24): 1/4" = 1'-0"

**FRAMING NOTES:**

1. ALL EXTERIOR WALLS ARE TO BE 2X6 STUDS FRAMED @ 16" O.C., UNLESS NOTED OTHERWISE.
2. ALL INTERIOR WALLS ARE TO BE 2X4 STUDS FRAMED @ 16" O.C., UNLESS NOTED OTHERWISE.
3. SOLID BLOCK ALL BEAMS & HEADERS (GREATER THAN 4" x 10" JACK STUD & 10" x 10" KING STUD. THE NUMBER OF STUDS SPECIFIED AT A SUPPORT INDICATES THE NUMBER OF JACK STUDS REQUIRED (TYP.) UNLESS NOTED OTHERWISE.
4. (2) 2 x 6 HEADERS (TYP.) @ OPENINGS LESS THAN 10" UNLESS NOTED OTHERWISE.
5. FLOOR JOISTS SHOWN IS ONLY FOR GUIDANCE. SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW.
6. 5/8" FLOOR NAIL BE 3/4" THICK (MIN.) TONGUE & GROOVE TO MEET APA STANDARD.



**LATERAL BRACING PLAN  
FIRST FLOOR**  
SCALE (17x11): 1/8" = 1'-0"  
SCALE (36x24): 1/4" = 1'-0"

Architecture Collaborative, Inc.  
Ellicott City, MD 21043  
8334 Main Street  
www.archcol.com  
Tel.: (410) 465-7500 Fax: (410) 465-0903

content: LATERAL BRACING PLAN - FIRST FLOOR  
scale: 1" = 8' (34x22) / 1/8" = 1'-0" (17x11) / 1/4" = 1'-0" (36x24)  
U.S.G. 1" = 8' (17x11) / 1/4" = 1'-0" (36x24)  
drawn: SJS date: 02/02/20  
title: LEE STUMPF STUMPF RESIDENCE

date	revision

SHEET 2  
**LB-4**

Professional Certification  
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed architect in the State of Maryland.  
license number: 0623  
expiration date: 04-09-2022