

# BRADLEY

HARRINGTON PLACE  
LOT 0024

PLAN ID 120121.0901



110 VILLAGE TRAIL SUITE 215  
WOODSTOCK, GA. 30188

DRAWING INDEX	
A0.0	COVER SHEET
A1.1	FRONT ELEVATIONS
A2.1	SIDE & REAR ELEVATIONS
A3.1	SLAB FOUNDATIONS
A5.1	FIRST FLOOR PLANS AND OPTIONS
A6.1	ROOF PLANS
A7.2	ELECTRICAL PLANS
A8.1	TRIM LOCATION LAYOUT

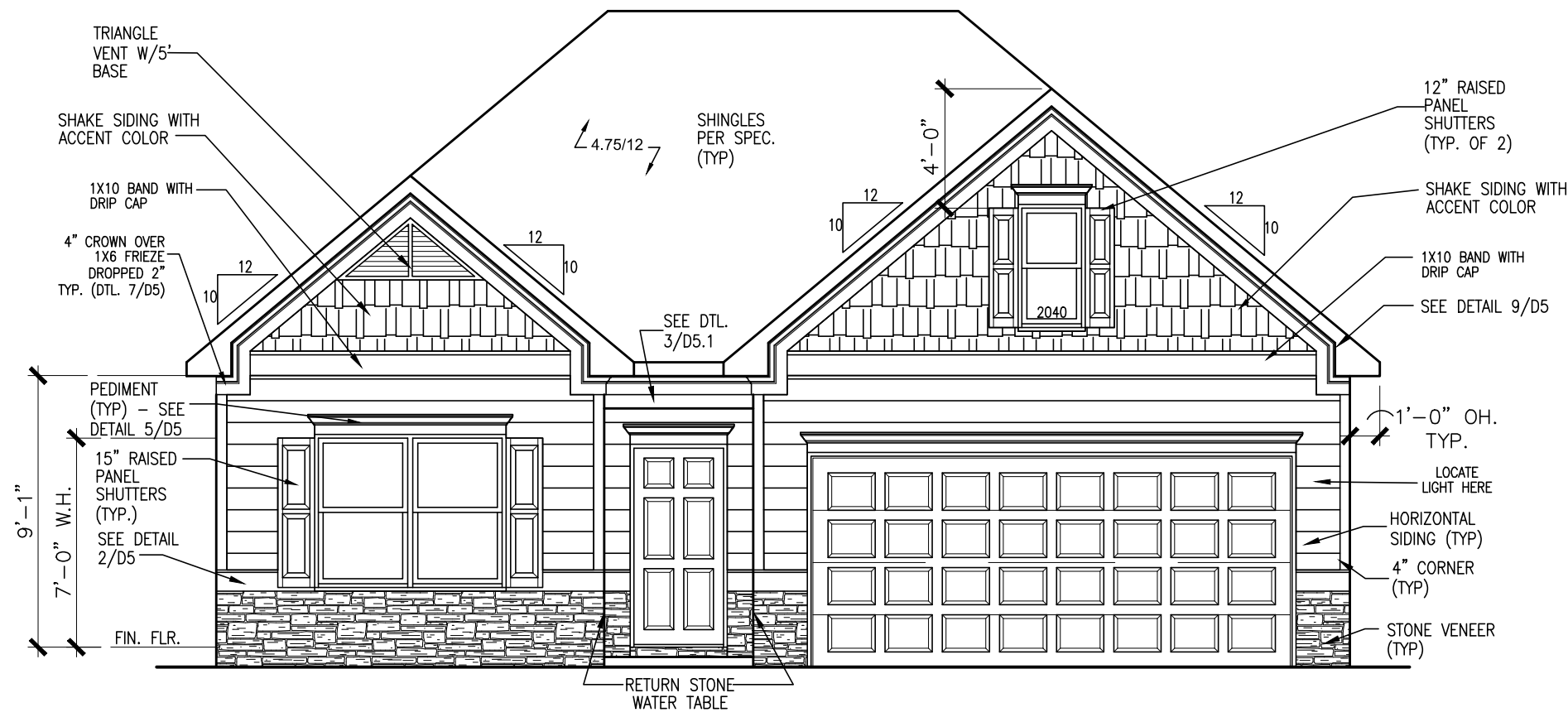
AREA TABULATION	
FIRST FLOOR	1770
TOTAL	1770
GARAGE	396
FRONT PORCH (COVERED)	20
REAR PATIO W/EXT. FAMILY RM OPTION	136

PLAN REVISIONS			
DATE	BY	REVISION	PAGE #
11/12/2021	AW	Prototype walk revisions - see revision sheet	ALL
1/6/2022	AW	PCR Increased size of HVAC platform when 2nd flr selected and removed 1 switch in Obath to tie LED light to vanity light	A5.2, A7.3-A7.4
4/21/2022	AW	PCR added 4-way switch to Family Rm light and added outlet in Fam Rm next to cooktop wall cabs	A7.3-A7.4
9/1/2022	AW	Changed field framing and misc. items - see revision sheet	A3.1.1, A5.1.1, A5.2, A5.3
6/7/2023	AW	Relocated PDS and HVAC platform to garage for ranch versions (to match new truss layouts)	A5.1-A8.1
9/21/2023	BB	Removed tub and shower sizes on all affected pages	A3.1, A5.1, A7.3

**GOVERNMENTAL CODES & STANDARDS**  
HOME TO BE BUILT TO CONFORM TO ALL APPLICABLE LOCAL CODES, PRACTICES AND STANDARDS

**BUILDING CODE ANALYSIS / DESIGN CRITERIA**  
HOME TO BE BUILT TO MEET OR EXCEED ALL LOCAL CODES AND DESIGN CRITERIA

# HARRINGTON PLACE LOT 0024



FRONT ELEVATION "C"

SCALE: 3/16"=1'-0"

ALL NON-MASONRY RETURNS TO BE HORIZONTAL SIDING

SEE SHEET D3 OF SDH TYPICAL DETAILS FOR SOFFIT DETAILS PER SOFFIT MATERIAL

BY	REVISION	DATE
#	#	#
#	#	#
#	#	#
#	#	#
#	#	#

SMITH DOUGLAS HOMES  
QUALITY | INTEGRITY | VALUE

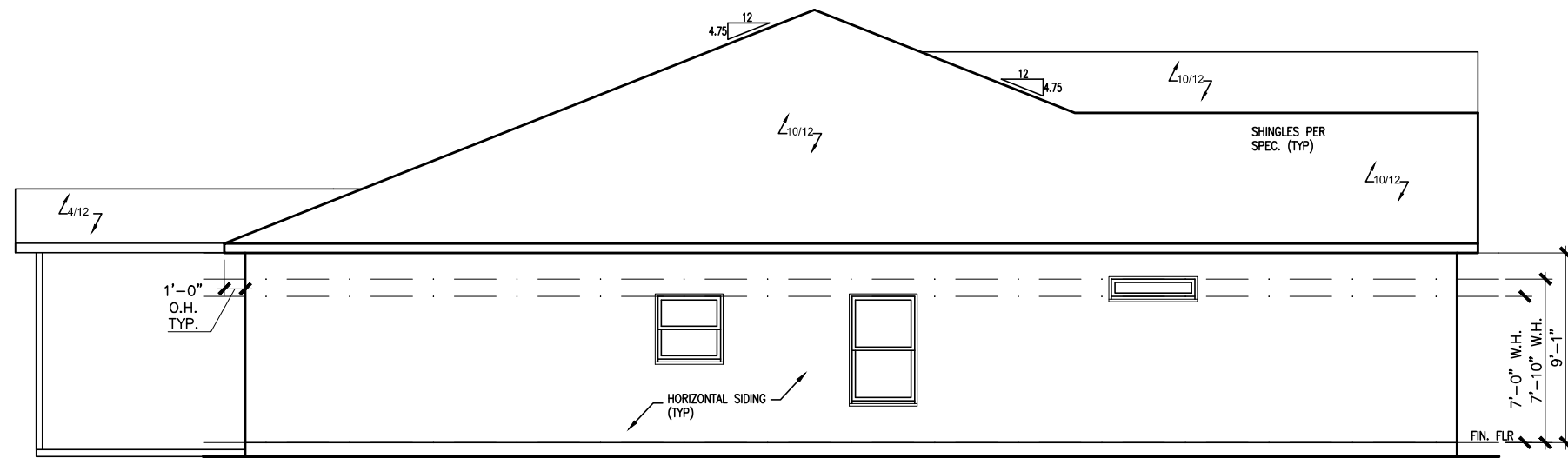
ELEVATIONS  
FRONT ELEVATION  
BRADLEY

SMITH DOUGLAS HOMES  
110 VILLAGE TRAIL  
SUITE 115  
WOODSTOCK, GA 30188  
www.smithdouglas.com

SMITH DOUGLAS HOMES expressly reserves its property rights in these plans and drawings. These plans and related drawings are not to be reproduced without written consent from SMITH DOUGLAS HOMES.

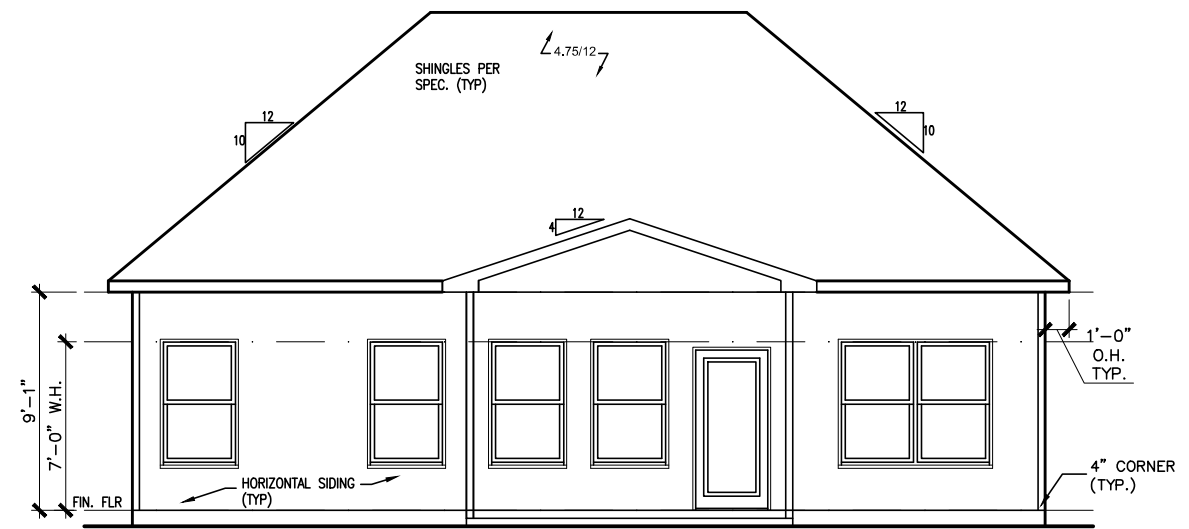
BY: TJJ	CH: AW
DATE: 02/12/2024	
FACADE OPT: C	
PLAN ID:	
FND: ALL	ELEV: C
PAGE NO: A1.1	

# HARRINGTON PLACE LOT 0024



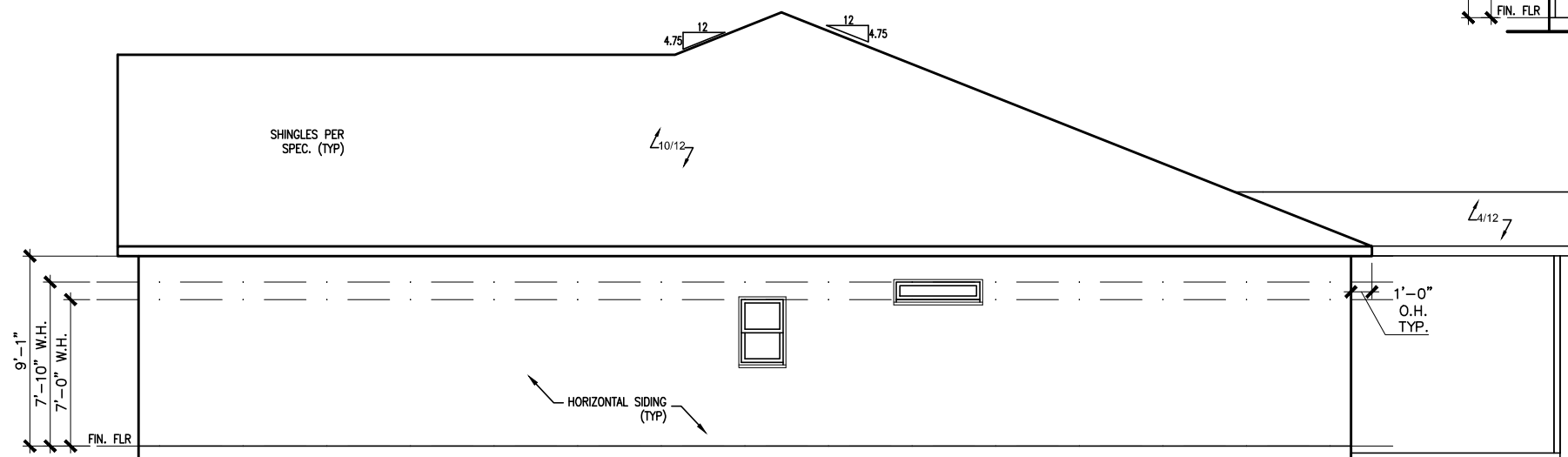
LEFT ELEVATION "C"

SCALE: 1/8" = 1'-0"



REAR ELEVATION "C"

SCALE: 1/8" = 1'-0"



RIGHT ELEVATION "C"

SCALE: 1/8" = 1'-0"

BY	REVISION	DATE
#	#	#
#	#	#
#	#	#
#	#	#
#	#	#



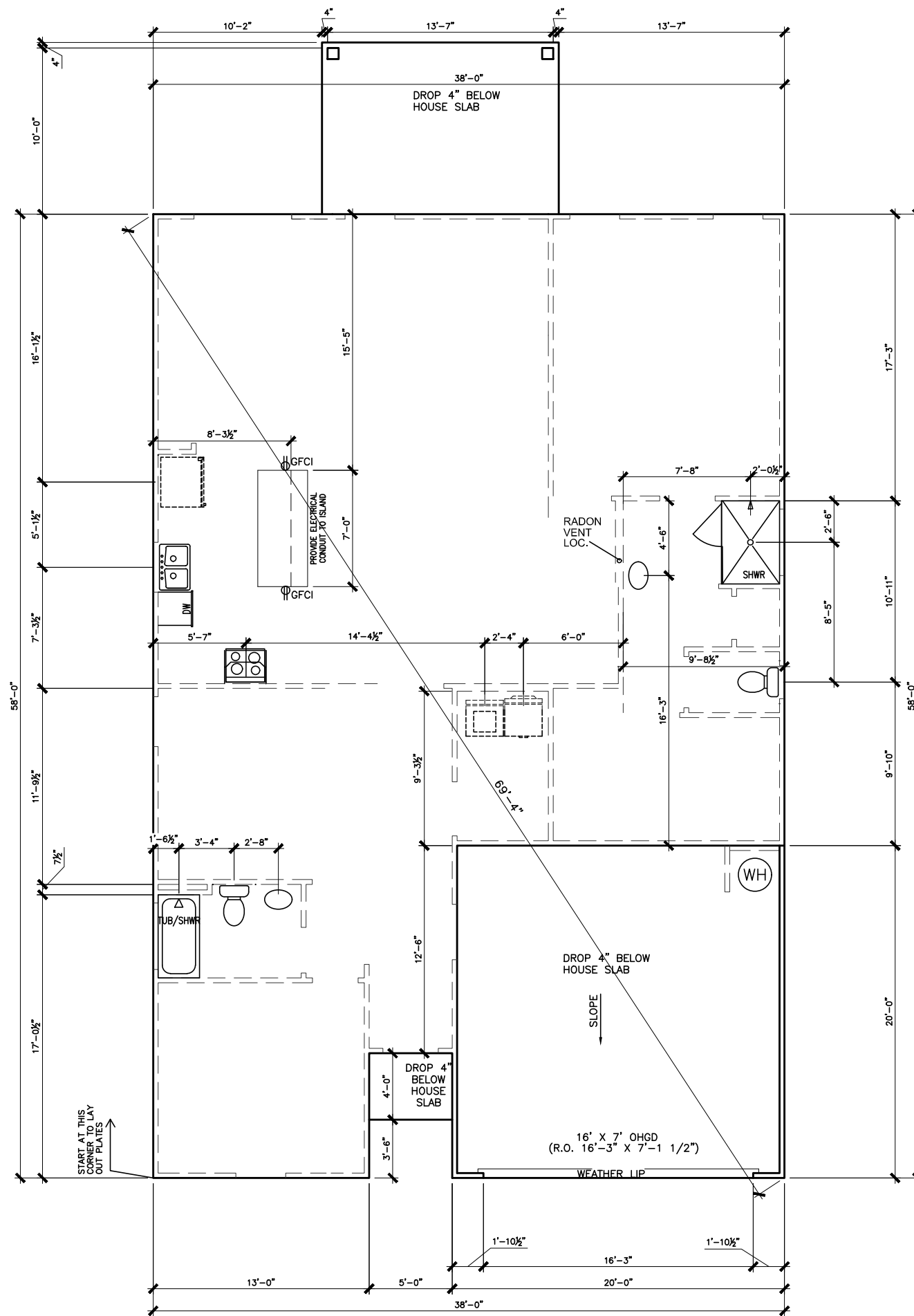
ELEVATIONS  
SIDES AND REAR  
BRADLEY

SMITH DOUGLAS HOMES  
110 VILLAGE TRAIL  
SUITE 115  
WOODSTOCK, GA 30188  
www.smithdouglas.com

SMITH DOUGLAS HOMES expressly reserves its property rights in these plans and drawings. These plans and related drawings are not to be reproduced without written consent from SMITH DOUGLAS HOMES.

BY: TJJ	CH: AW
DATE: 02/12/2024	
FACADE OPT: C	
PLAN ID:	
FND: ALL	ELEV: C
PAGE NO: A2.1	

# HARRINGTON PLACE LOT 0024



\*RADON VENT PROVIDED PER LOCAL CODE

REFER TO DETAIL 3/D1 FOR BRICK LEDGE DETAIL WHEN BRICK VENEER IS CHOSEN

SLAB PLAN

SCALE: 1/8" = 1'-0"

DATE	REVISION	BY



FOUNDATION PLAN  
SLAB PLAN  
BRADLEY

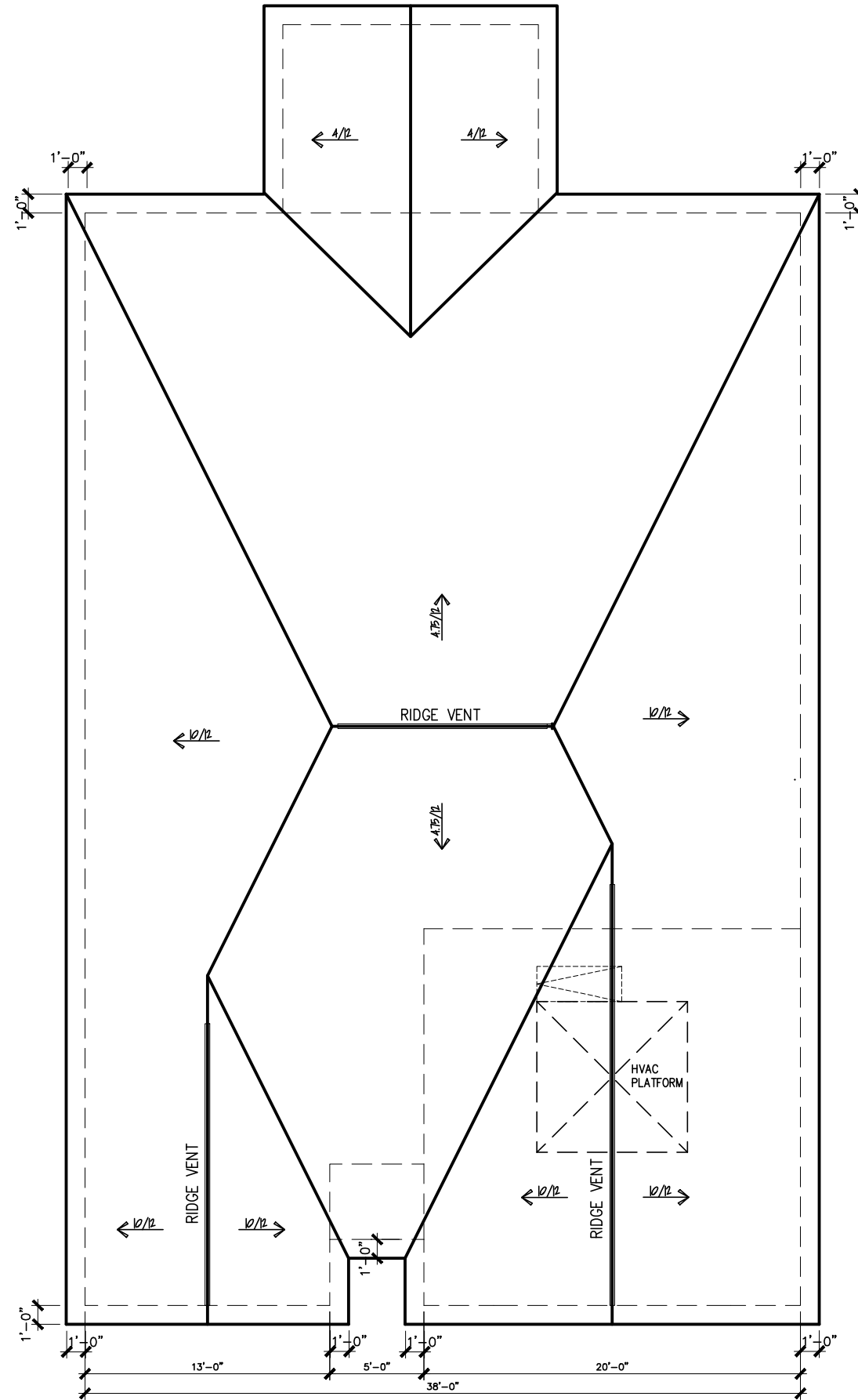
SMITH DOUGLAS HOMES  
110 VILLAGE TRAIL  
SUITE 115  
WOODSTOCK, GA 30188  
www.smithdouglas.com

SMITH DOUGLAS HOMES expressly reserves its property rights in these plans and drawings. These plans and related drawings are not to be reproduced without written consent from SMITH DOUGLAS HOMES.

BY: TJJ	CH: AW
DATE: 02/12/2024	
FACADE OPT: C	
PLAN ID:	
FND: ALL	ELEV: C
PAGE NO: A3.1	



# HARRINGTON PLACE LOT 0024



ROOF PLAN "C"

SCALE: 1/8" = 1'-0"

DATE	REVISION	BY
#	#	#
#	#	#
#	#	#
#	#	#
#	#	#



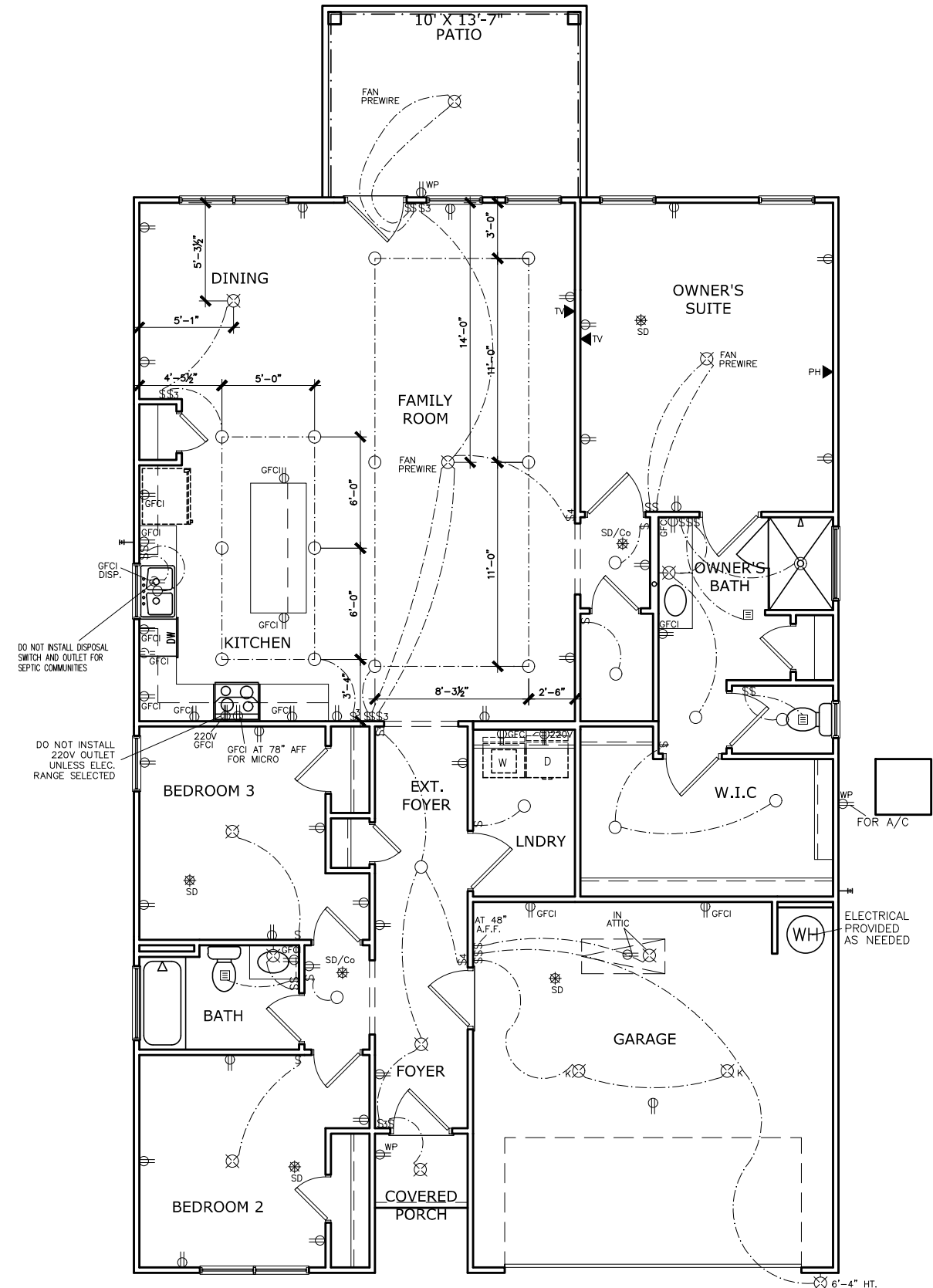
ROOF PLAN  
ROOF PLAN  
BRADLEY

SMITH DOUGLAS HOMES  
110 VILLAGE TRAIL  
SUITE 115  
WOODSTOCK, GA 30188  
www.smithdouglas.com

SMITH DOUGLAS HOMES expressly reserves its property rights in these plans and drawings. These plans and related drawings are not to be reproduced without written consent from SMITH DOUGLAS HOMES.

BY: TJJ	CH: AW
DATE: 02/12/2024	
FACADE OPT: C	
PLAN ID:	
FND: ALL	ELEV: C
PAGE NO: A6.1	

# HARRINGTON PLACE LOT 0024



## ELECTRICAL LEGEND

\$	SWITCH	TV	TV
\$3	3 WAY SWITCH	⊕	120V RECEPTACLE
\$4	4 WAY SWITCH	⊕	120V SWITCHED RECEPTACLE
⊗	CEILING FIXTURE	⊕	220V RECEPTACLE
⊕ <sub>K</sub>	KEYLESS	⊕ <sub>GFCI</sub>	GFCI OUTLET
⊗	WALL MOUNT FIXTURE	⊕ <sub>AFCI</sub>	ARCH FAULT CIRCUIT INTERRUPTER
○	CEILING FIXTURE	† <sub>GL</sub>	GAS LINE
●	FLEX CONDUIT	† <sub>WL</sub>	WATER LINE
CH	CHIMES	⊥	HOSE BIBB
PH	TELEPHONE	⊕	FLOOD LIGHT
SD/Co	SMOKE DETECTOR & CARBON MONOXIDE	⊕	1x4 LUMINOUS FIXTURE
SO	SECURITY OUTLET	⊗	CEILING FAN
□	GARAGE DOOR OPENER	—	ELECTRICAL WIRING
⊕	EXHAUST FAN	⊕	CEILING FIXTURE
⊕	FAN/LIGHT		

ELECTRICAL PLANS TO FOLLOW ALL LOCAL CODES

APPROX. FIXTURE HGTS (MEASURED FROM BOTTOM OF FIXTURE)

BREAKFAST/DINING ROOM	63" ABOVE FINISHED FLOOR
KITCHEN PENDANT LIGHTS	33" ABOVE COUNTER TOP
TWO STORY FOYER FIXTURE	96" ABOVE FINISHED FLOOR
CEILING FAN	96" ABOVE FINISHED FLOOR

NOTE: FINAL PLACEMENT OF PHONE/CABLE T.B.D. ON SITE BY THE BUILDER

FIRST FLOOR ELECTRICAL PLAN  
SCALE : 1/8" = 1'-0"

BY:	#	#	#	#	#
REVISION					
DATE					

**SMITH DOUGLAS HOMES**  
QUALITY | INTEGRITY | VALUE

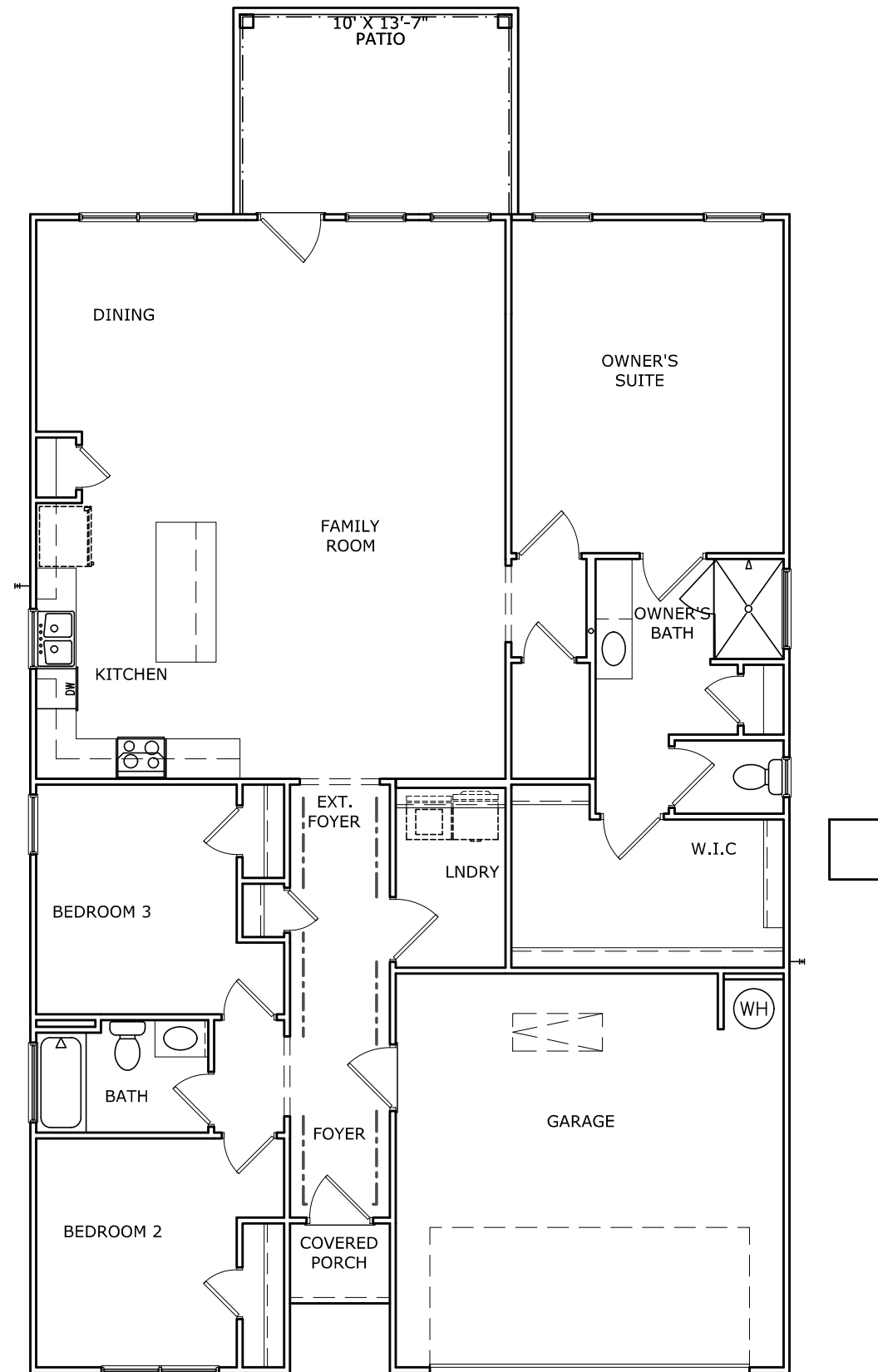
ELECTRICAL PLAN  
FIRST FLOOR  
BRADLEY

SMITH DOUGLAS HOMES  
110 VILLAGE TRAIL  
SUITE 115  
WOODSTOCK, GA 30188  
www.smithdouglas.com

SMITH DOUGLAS HOMES expressly reserves its property rights in these plans and drawings. These plans and related drawings are not to be reproduced without written consent from SMITH DOUGLAS HOMES.

BY:	TJJ	CH:	AW
DATE:	02/12/2024		
FACADE OPT:	C		
PLAN ID:			
FND:	ALL	ELEV:	C
PAGE NO:	A7.2		

# HARRINGTON PLACE LOT 0024



TRIM LAYOUT FIRST FLOOR PLAN

SCALE : 1/8" = 1'-0"

DATE	REVISION	BY
#	#	#
#	#	#
#	#	#
#	#	#
#	#	#



FLOOR PLAN  
TRIM LAYOUT  
BRADLEY

SMITH DOUGLAS HOMES  
110 VILLAGE TRAIL  
SUITE 115  
WOODSTOCK, GA 30188  
www.smithdouglas.com

SMITH DOUGLAS HOMES  
expressly reserves its  
property rights in these  
plans and drawings.  
These plans and related  
drawings are not to be  
reproduced without written  
consent from SMITH  
DOUGLAS HOMES.

BY: TJJ	CH: AW
DATE: 02/12/2024	
FACADE OPT: C	
PLAN ID:	
FND: ALL	ELEV: C
PAGE NO: A8.1	





CONNECTION SPECIFICATIONS (TYP. U.N.O.)

Table with columns for DESCRIPTION OF BLDG. ELEMENT, 3"x0.131" NAILS, and 3"x0.120" NAILS. Rows include JOIST TO SOLE PLATE, RIM TO TOP PLATE, RAFTER/TRUSS TO TOP PLATE, etc.

\* 2 1/2"x0.113 IS AN ACCEPTABLE ALTERNATIVE TO A 3"x0.120", SAME SPACING OR NUMBER OF NAILS. (ONLY ACCEPTABLE WHERE \* ARE SHOWN)

ADDITIONAL NOTES FOR TRUSS & I-JOIST MANUFACTURER

ROOF TRUSSES AND ENGINEERED JOISTS SHALL BE DESIGNED TO MEET THE DEFLECTION CRITERIA BELOW, UNLESS NOTED OTHERWISE ON PLAN...

TRUSSES/JOISTS SHALL BE DESIGNED SO THAT DIFFERENTIAL DEFLECTION BETWEEN ADJACENT PARALLEL TRUSSES/JOISTS OR GIRDER TRUSSES/FLUSH BEAMS DO NOT EXCEED THE FOLLOWING:

VENEER LINTEL SCHEDULE

Table with columns for SPAN (MAX), HEIGHT OF VENEER ABOVE LINTEL, and STEEL ANGLE SIZE. Rows include spans from 3'-0" to 9'-6" and corresponding specifications.

ALL LINTELS - SHALL SUPPORT 2 3/4" x 3 1/2" VENEER w/ 40 psf MAXIMUM HEIGHT. 6" SHALL HAVE 4" MIN. BEARING. 8" SHALL HAVE 6" MIN. BEARING...

GENERAL STRUCTURAL NOTES

FOUNDATION

- DESIGN IS BASED ON 2018 NCBC-RESIDENTIAL CODE
FOOTING DESIGN - 2,000 PSF NET ALLOWABLE SOIL BEARING PRESSURE IS ASSUMED.
FASTEN 2x4/6 SILL PLATES TO CONC FND WITH A MINIMUM OF 2 ANCHORS PER PLATE, 12" MAX. FROM PLATE ENDS - UTILIZING:
1/2" DIA. ANCHOR BOLTS @ 6'-0" O.C., 1" MIN. EMBEDMENT
F44 ANCHOR STRAPS @ 6'-0" O.C.

ALL CONCRETE EXPOSED TO THE WEATHER SHALL NOT HAVE LESS THAN 5% OR MORE THAN 7% AIR ENTRAINMENT.

ALL FOOTINGS SHALL BEAR BELOW FROST LINE (TYP.) OR 12" MIN IN REGIONS WHERE CODE FROST DEPTH IS NOT APPLICABLE.

FOOTINGS AND SLABS ON GRADE SHALL BEAR ON VIRGIN SOIL OR 95% COMPACTED FILL.

PROVIDE CONTROL JOINTS AT ALL INSIDE CORNERS OF SLAB EDGES, AND OTHER LOCATIONS WHERE SLAB CRACKS ARE LIKELY TO DEVELOP.

JOINTS SHALL BE LOCATED @ 10'-0" O.C. (RECOMMENDED) OR 15'-0" O.C. (MAXIMUM)
JOINT GRID PATTERN SHALL BE AS CLOSE TO SQUARES AS POSSIBLE (1:1 RATIO), WITH A MAXIMUM OF 1:1.5 RATIO
CONTROL JOINTS SHALL NOT BE INSTALLED IN STRUCTURAL SLABS

TYPICAL REINFORCEMENT DETAILS: PROVIDE 3" MIN. CLEAR COVER WHERE CAST AGAINST EARTH, 1 1/2" MIN. CLEAR COVER AGAINST FORMS.

DIMENSIONS BY OTHERS, BUILDER TO VERIFY.

LEGEND

- RT. INDICATES ROOF TRUSSES @ 24" O.C. PER ROOF. MANIF. (TYP. U.N.O.)
OF. INDICATES TRUSS OVERFRAMING @ 24" O.C. (TYP. U.N.O.)
F.J. INDICATES 14" DEEP FLOOR I-JOISTS (24" O.C. MAX SPACING). JOIST SERIES AND SPACING SHALL BE THE RESPONSIBILITY OF THE JOIST MANUFACTURER
D.J. INDICATES 2x8 P.T. DECK JOISTS @ 16" O.C. (MAX)
INDICATES LOCATIONS OF POTENTIAL TILE FLOOR. JOIST MANUFACTURER SHALL DESIGN FLOOR SYSTEM FOR ADDL 10 PSF DEAD LOAD AT THESE LOCATIONS.

LATERAL/WALL BRACING & WALL SHEATHING SPECIFICATIONS

THIS MODEL HAS BEEN DESIGNED TO RESIST LATERAL FORCES RESULTING FROM: 120MPH WIND IN 2018 NCBC-RC & 120MPH WIND IN 2018 IRC (120 MPH WIND SPEED IN ASCE 7 WIND MAP, PER IRC R301.2.1.1) EXP. B, RISK CAT. 2 & SEISMIC CAT. A/B.

THE DESIGN WAS COMPLETED PER 2015 & 2018 IBC (SECTION 1604) & ASCE 7, AS PERMITTED BY R301.1.3 OF THE 2018 NCBC-RC & 2018 IRC. IF THE PARAMETERS OF SECTION R602.12 COMPLY. ACCORDINGLY, THIS MODEL, AS DOCUMENTED AND DETAILED HEREIN, IS ADEQUATE TO RESIST THE CODE REQUIRED LATERAL FORCES.

DESIGN WIND UPLIFT LOADS HAVE BEEN CALCULATED UTILIZING ASCE 7 (ACCEPTED ENGINEERING PRACTICE) AS ALLOWED PER 2018 NCBC-RC & 2018 IRC SECTION R202.11.1. THIS MODEL HAS BEEN DETAILED WHERE REQUIRED & ENGINEERED TO RESIST THE WIND UPLIFT LOAD PATH PER SECTIONS R602.3.5 & R202.11.

EXT. WALL SHEATHING SPECIFICATION

- 7/16" OSB OR 1/2" PLYWOOD: FASTEN SHEATHING w/ 2 1/2"x0.113 NAILS @ 6" O.C. AT EDGES & @ 12" O.C. IN THE PANEL FIELD.
ALL SHEATHING PANELS SHALL BE ORIENTED VERTICALLY (LONG DIRECTION PARALLEL TO STUDS) AND INSTALLED FULL HEIGHT OF SHEAR WALL - OR - 2x HORIZONTAL BLOCKING SHALL BE PROVIDED TO SUPPORT ALL UNSUPPORTED PANEL EDGES & EDGE FASTENING.

3" O.C. EDGE NAILING

- AT DESIGNATED AREAS - FASTEN PANEL EDGES OF WOOD STRUCTURAL WALL SHEATHING TO FRAMING w/ 2 1/2" x 0.113" NAILS @ 3" O.C. AND 12" O.C. IN THE PANEL FIELD. NO STAPLE ALTERNATIVE AVAILABLE AT THIS SPEC.

NOTES

- SEE CONNECTION SPECIFICATIONS CHART FOR STANDARD SHEAR TRANSFER DETAILING. IF ADDITIONAL CAPACITY IS REQUIRED BY DESIGN, IT WILL BE SPECIFICALLY NOTED ON PLAN.
DESIGN ASSUMES 16" O.C. MAX. STUD SPACING, U.N.O.
ALL STRUCTURAL PANELS ARE TO BE DIRECTLY APPLIED TO STUD FRAMING.

- INDICATES EXTENT OF INT. OSB SHEARWALL, AND/OR 3" O.C. EDGE NAILING
INDICATES HOLD-DOWN

FLOOR FRAMING

- I-JOISTS SHALL BE DESIGNED BY MANUF. TO MEET OR EXCEED L/480 LIVE LOAD DEFLECTION CRITERIA.
PER THE GUIDELINES OF THE TILE COUNCIL OF NORTH AMERICA (TCNA HANDBOOK), IT SHALL BE THE FLOOR FINISH INSTALLER'S RESPONSIBILITY TO VERIFY THAT THE FINISHES TO BE INSTALLED MATCH THE DESIGN CRITERIA NOTED ABOVE (UNDER 'DESIGN LOADS').

ROOF FRAMING

- ROOF SHEATHING SHALL BE 7/16" A.P.A. RATED SHEATHING 24/16 EXPOSURE 1 (OR APPROVED EQUAL).
W/ 2 1/2" x 0.113" NAILS @ 6" O.C. AT EDGES & @ 12" O.C. FIELD.
W/ 2 3/8" x 0.120" NAILS @ 4" O.C. AT EDGES & @ 8" O.C. FIELD.
W/ 2 1/2" x 0.113" NAILS @ 3" O.C. AT EDGES & @ 6" O.C. FIELD.

MEANS & METHODS NOTES

THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS FINISHED AND ALL PLAN, DETAIL, AND NOTE SPECIFICATIONS HAVE BEEN COMPLETED. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE THE ERECTION PROCEDURES AND SEQUENCE TO INSURE THE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING CONSTRUCTION.

STRUCTURAL DESIGN AND SPECIFICATIONS ASSUME THAT ALL SUPPORTING AND NON-SUPPORTING ELEMENTS IN CONTACT WITH FLOOR FRAMING ARE LEVEL, INCLUDING, BUT NOT LIMITED TO, FOUNDATIONS, SLABS ON GRADE, BEAMS, WALLS, AND NON-BEARING ELEMENTS.

GENERAL STRUCTURAL NOTES

- DESIGN IS BASED ON 2018 NCBC-RESIDENTIAL CODE
WOOD FRAME ENGINEERING IS BASED ON NDS, 'NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION' - LATEST EDITION.
DESIGN LOADS:
ROOF LIVE = 20 PSF
DEAD = 7 PSF T.C., 10 PSF B.C.
LOAD DURATION FACTOR = 1.25
FLOOR LIVE = 40 PSF (30 PSF @ SLEEPING AREAS)
DEAD = 10 PSF (I-JOISTS)
ADDL 10 PSF @ CERAMIC TILE IN BATHS & LAUND.
SOIL 2,000 PSF ASSUMED ALLOWABLE BEARING PRESSURE (TO BE VERIFIED BY BUILDER)

GENERAL FRAMING

- ALL TYP. NAIL FASTENER REQUIREMENTS ARE NOTED IN STANDARD CONNECTIONS TABLE (IRC TABLE R602.3.1) OR ON PLANS.
ALL INTERIOR BEARING WALLS ARE ASSUMED TO BE SHEATHED W/ GYP WALL BOARD (ONE SIDE MIN) OR PROVIDE MID HT. BLOCKING.
ALL HEADERS, BEAMS & OTHER STRUCTURAL MEMBERS SHALL BE SPRUCE-PINE-FIR #2 (SPF) OR SOUTHERN PINE #2 (SP) LUMBER, OR BETTER.
ENGINEERED LUMBER BEAMS TO MEET OR EXCEED THE FOLLOWING:
• LVL - Fb=2600 psi; Fv=285 psi; E=2.0x10^6 psi
• ENGINEERED LUMBER POSTS TO MEET OR EXCEED THE FOLLOWING:
• LVL - Fb=2400 psi; FcII=2500 psi; E=1.8x10^6 psi
FOR 2 & 3 PLY BEAMS OF EQUAL 1 1/2" MAX. WIDTH, FASTEN PLIES TOGETHER WITH 3 ROWS OF 3"x0.120" NAILS @ 8" O/C OR 2 ROWS USF #635 SCREWS (OR 3/8" TRUSSLOK SCREWS) @ 16" O/C. USE A MINIMUM OF 4 ROWS FOR BEAM DEPTHS OF 14" OR GREATER.

HOLD-DOWN SCHEDULE

Table with columns for SYMBOL and SPECIFICATION. Rows include HD-1 (USP HTT45 HOLD-DOWN w/ STB16 ANCHOR BOLT), HD-2 (USP STADI4 HOLD-DOWN STRAP), HD-3 (USP MSTC40 HOLD-DOWN STRAP)

ALTERNATIVE TO STB16 ANCHOR BOLT SPECIFICATION: ANCHOR HOLD-DOWN UTILIZING THREADED ROD (REFER TO USP SPECIFICATION FOR ANCHOR DIAMETER), EPOXY-SET INTO CONCRETE FOUNDATION w/ USP CIA-GEL 1000 EPOXY SYSTEM PER MANUF. RECOMMENDATIONS.



MULHERN+KULP RESIDENTIAL STRUCTURAL ENGINEERING
3025 Riverside Parkway, Suite 105 - Alhambra, NC 28002
919-777-8974 - mulhern@mulhernkulp.com
NC License # C-3825

Mulhern+Kulp project number: 256-21011

project mgr: SMK
drawn by: MJF
issue date: 02-21-2022

Table with columns for date, initial, and revision. Shows 03/04/2022 by KMY, 08/11/2022 by SMK.

SMITH DOUGLAS HOMES

GENERAL STRUCTURAL NOTES

BRADLEY MODEL
120 MPH WIND ZONE
NORTH CAROLINA

Harrington Lot 24

SO.0

Mulhern+Kulp project number:  
**256-21011**

project mgr: **SMK**  
 drawn by: **MJF**  
 issue date: **02-21-2022**

REVISIONS:

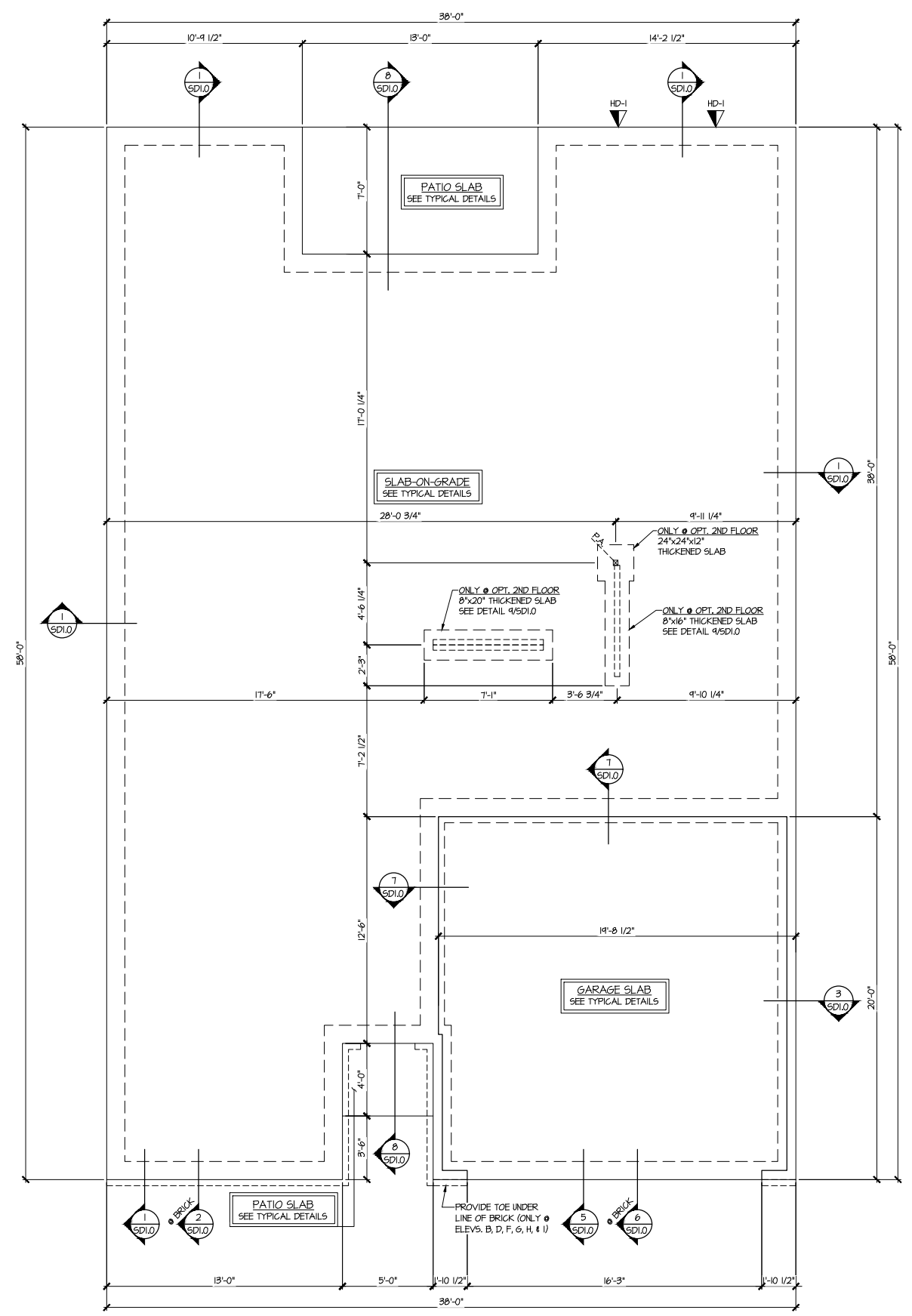
date:	initial:
03/04/2022	KMF
08/11/2022	SMM
UPDATE PER ARCH COMMENTS	

SMITH DOUGLAS  
 HOMES

**Harrington  
 Lot 24**

REFER TO S0.0 FOR TYPICAL  
 STRUCTURAL NOTES & SCHEDULES

MONO-SLAB FOUNDATION  
 BRADLEY MODEL  
 120 MPH WIND ZONE  
 NORTH CAROLINA



**MONO-SLAB FOUNDATION PLAN**  
 SCALE: 1/4"=1'-0" ON 22x34  
 1/8"=1'-0" ON 11x17  
 ALL ELEV. SIM.  
 OPT. 2ND FLOOR SIM.

HOLD-DOWN SCHEDULE	
SYMBOL	SPECIFICATION
HD-1	USP HTT45 HOLD-DOWN w/ STB16 ANCHOR BOLT *
HD-2	USP STAD14 HOLD-DOWN STRAP
HD-3	USP MSTC40 HOLD-DOWN STRAP

ALTERNATIVE TO STB16 ANCHOR BOLT SPECIFICATION:  
 \* ANCHOR HOLD-DOWN UTILIZING THREADED ROD (REFER TO USP SPECIFICATION FOR ANCHOR DIAMETER), EPOXY-SET INTO CONCRETE FOUNDATION w/ USP CIA-GEL 7000 EPOXY SYSTEM PER MANUF. RECOMMENDATIONS.  
 CONG. FOUND. - PROVIDE 9" MIN. EMBEDMENT INTO CONCRETE.  
 DO NOT LOCATE EPOXY-SET ANCHORS WITHIN 1 3/4" OF FACE OF CONCRETE FOUNDATION.  
 CMU FOUND. - PROVIDE 12" MIN. EMBEDMENT INTO SOLID GROUTED CELLS. DO NOT LOCATE EPOXY-SET ANCHORS WITHIN 3" OF EDGE OF CMU FOUNDATION.

LEGEND	
R.T.	INDICATES ROOF TRUSSES @ 24" O.C. PER ROOF. MANUF. (TYP. UN.O.)
O.F.	INDICATES TRUSS OVERFRAMING @ 24" O.C. (TYP. UN.O.)
F.J.	INDICATES 14" DEEP FLOOR I-JOISTS (24" O.C. MAX SPACING). JOIST SERIES AND SPACING SHALL BE THE RESPONSIBILITY OF THE JOIST MANUFACTURER
D.J.	INDICATES 2x8 P.T. DECK JOISTS @ 16" O.C. (MAX.)
(Dotted Area)	INDICATES LOCATIONS OF POTENTIAL TILE FLOOR. JOIST MANUFACTURER SHALL DESIGN FLOOR SYSTEM FOR ADD'L 10 PSF DEAD LOAD AT THESE LOCATIONS.
(Solid Line)	INTERIOR BEARING WALL
(Dashed Line)	BEARING WALL ABOVE (B.W.A.)
(Thick Line)	BEAM/HEADER
(Thin Line)	METAL HANGER
(Star)	INDICATES POST ABOVE (P.A.) PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE.

Mulhern+Kulp project number:  
**256-21011**

project mgr: **SMK**  
 drawn by: **MJF**  
 issue date: **02-21-2022**

REVISIONS:

date:	initial:
03/04/2022	KMV
08/11/2022	SMM
MISSED PLANS ADDED	
UPDATE PER ARCH COMMENTS	

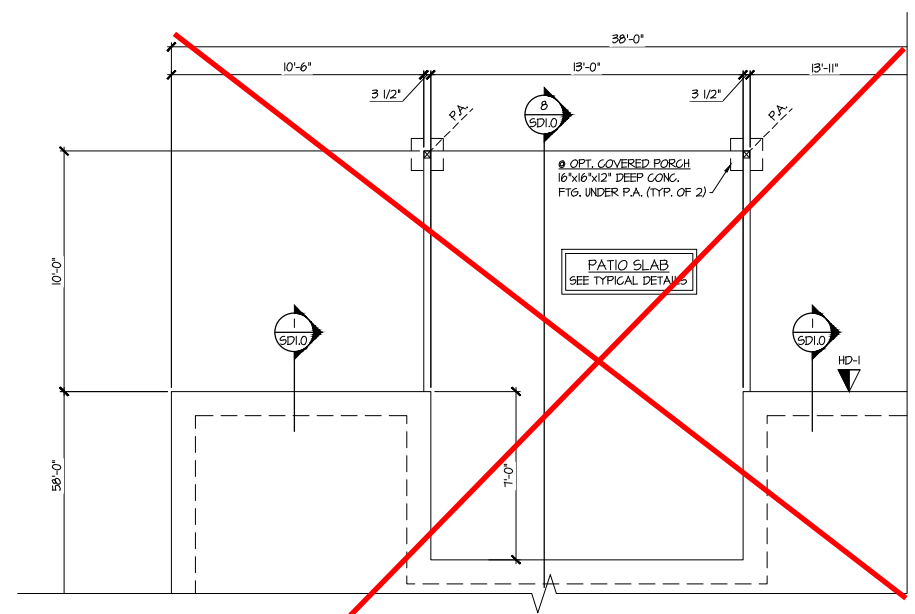
SMITH DOUGLAS  
 HOMES

BRADLEY MODEL  
 120 MPH WIND ZONE  
 NORTH CAROLINA

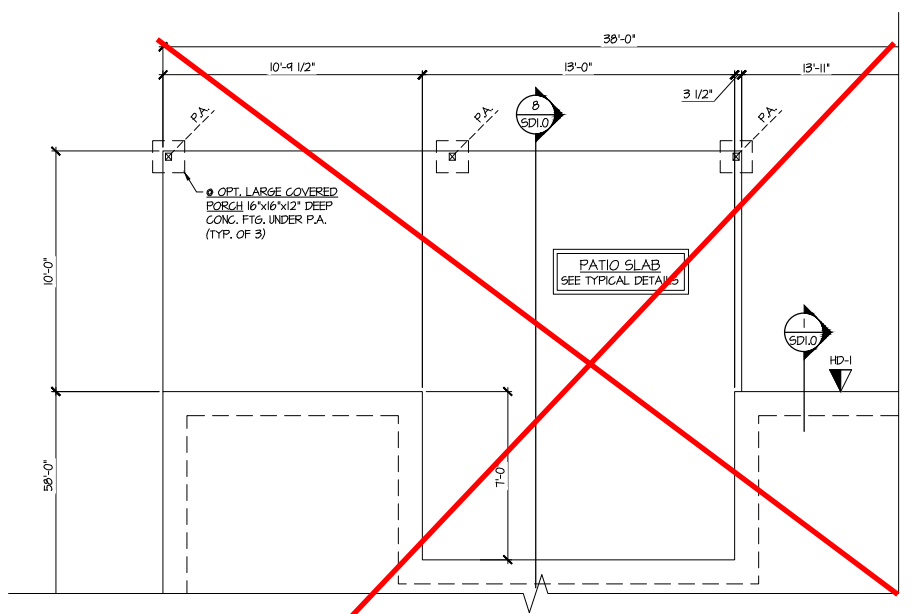
OPTIONS

sheet:

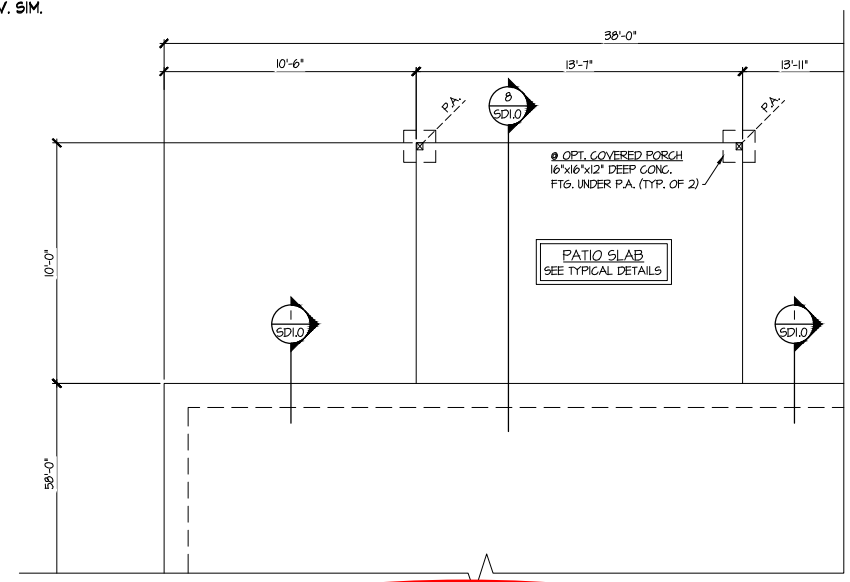
**S4.3**



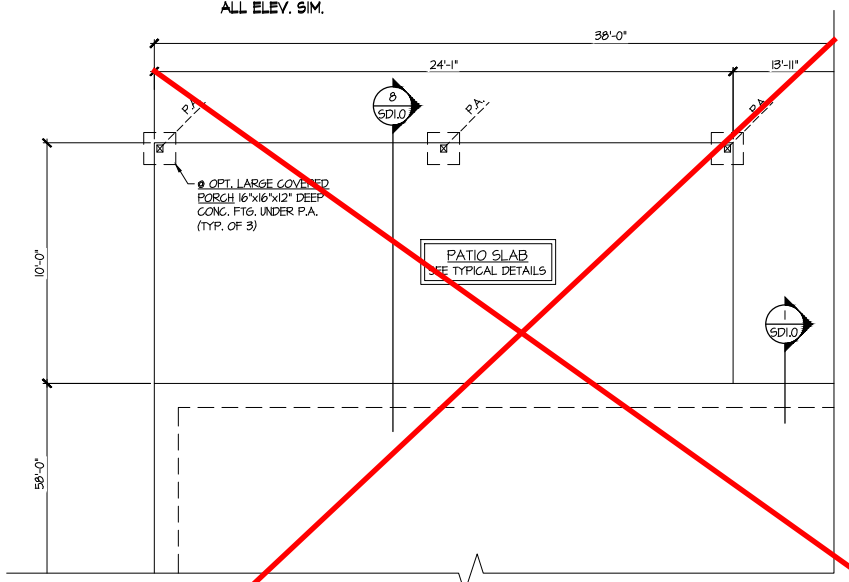
**1** MONO-SLAB FOUNDATION PLAN  
 SCALE: 1/4"=1'-0" ON 22x34  
 1/8"=1'-0" ON 11x17  
 OPT. PATIO  
 (COVERED PATIO SIM.)  
 ALL ELEV. SIM.



**2** MONO-SLAB FOUNDATION PLAN  
 SCALE: 1/4"=1'-0" ON 22x34  
 1/8"=1'-0" ON 11x17  
 OPT. LARGE PATIO  
 (EXT. COVERED PATIO)  
 ALL ELEV. SIM.

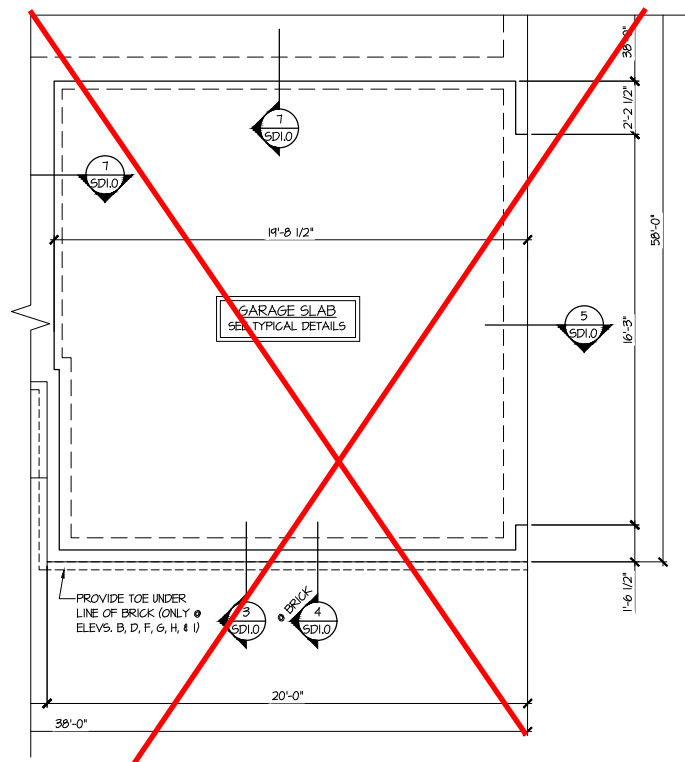


**4** MONO-SLAB FOUNDATION PLAN  
 SCALE: 1/4"=1'-0" ON 22x34  
 1/8"=1'-0" ON 11x17  
 OPT. FAMILY ROOM EXT.  
 (w/ COVERED PATIO)  
 ALL ELEV. SIM.



**5** MONO-SLAB FOUNDATION PLAN  
 SCALE: 1/4"=1'-0" ON 22x34  
 1/8"=1'-0" ON 11x17  
 OPT. FAMILY ROOM EXT.  
 (w/ EXT. COVERED PATIO)  
 ALL ELEV. SIM.

REFER TO S.O. FOR TYPICAL  
 STRUCTURAL NOTES & SCHEDULES



**3** MONO-SLAB FOUNDATION PLAN  
 SCALE: 1/4"=1'-0" ON 22x34  
 1/8"=1'-0" ON 11x17  
 OPT. SIDE ENTRY GARAGE  
 ALL ELEV. SIM.

**LEGEND**

- R.T. INDICATES ROOF TRUSSES @ 24" O.C. PER ROOF. MANUF. (TYP. UNO.)
- O.F. INDICATES TRUSS OVERFRAMING @ 24" O.C. (TYP. UNO.)
- F.J. INDICATES 14" DEEP FLOOR I-JOISTS (24" O.C. MAX SPACING). JOIST SERIES AND SPACING SHALL BE THE RESPONSIBILITY OF THE JOIST MANUFACTURER.
- D.J. INDICATES 2x8 P.T. DECK JOISTS @ 16" O.C. (MAX.)
- INDICATES LOCATIONS OF POTENTIAL TILE FLOOR. JOIST MANUFACTURER SHALL DESIGN FLOOR SYSTEM FOR ADD'L 10 PSF DEAD LOAD AT THESE LOCATIONS.
- INTERIOR BEARING WALL
- BEARING WALL ABOVE (B.W.A.)
- BEAM/HEADER
- METAL HANGER
- INDICATES POST ABOVE (P.A.) PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE.

**Harrington  
 Lot 24**

Mulhern+Kulp project number:  
**256-21011**

project mgr: **SMK**  
 drawn by: **MJF**  
 issue date: **02-21-2022**

REVISIONS:

date:	initial:
03/04/2022	KMV
08/11/2022	SMM
UPDATE PER ARCH COMMENTS	

SMITH DOUGLAS  
 HOMES

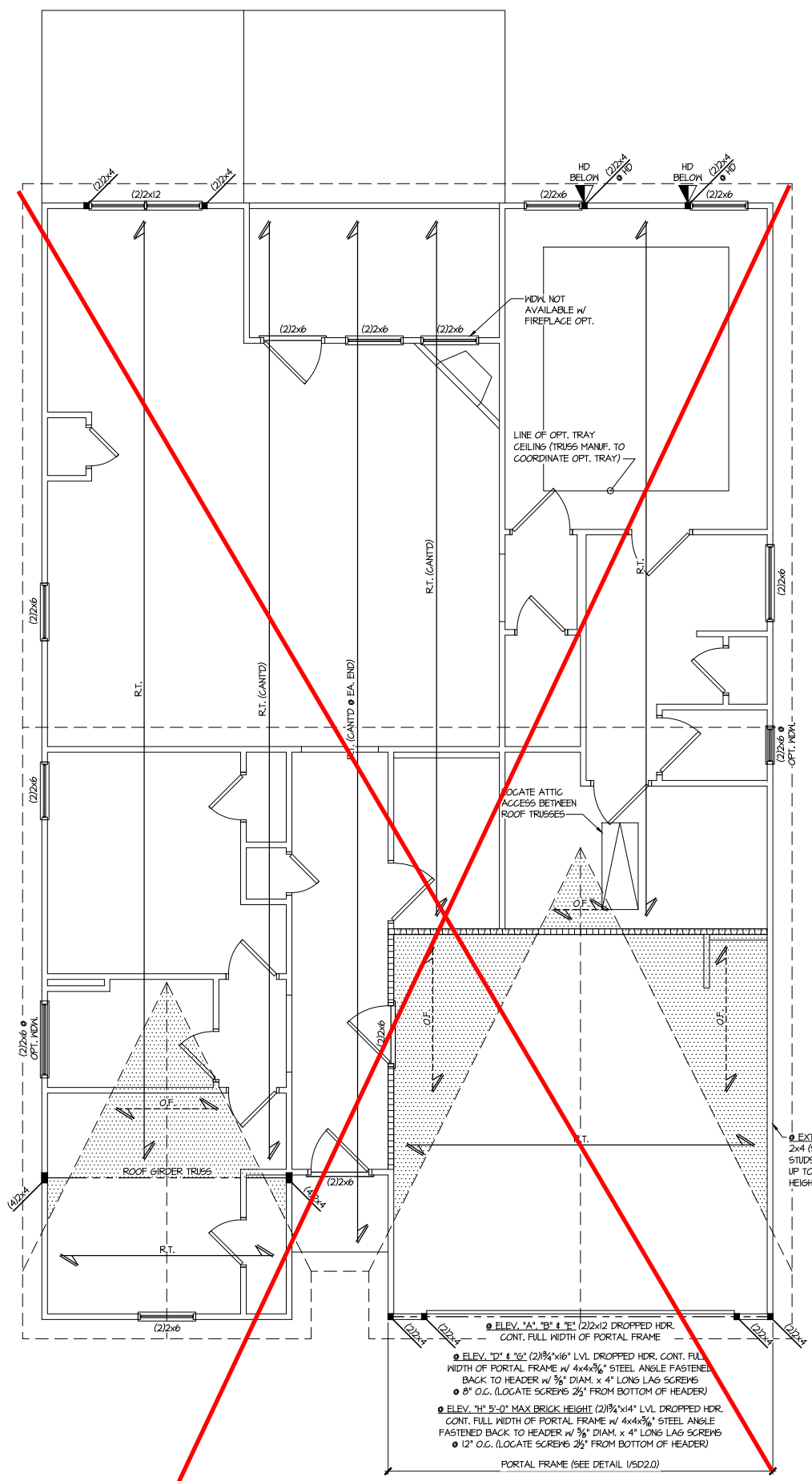
**Harrington  
 Lot 24**

THIS LEVEL HAS BEEN DESIGNED  
 FOR 9'-1" PLATE HEIGHT

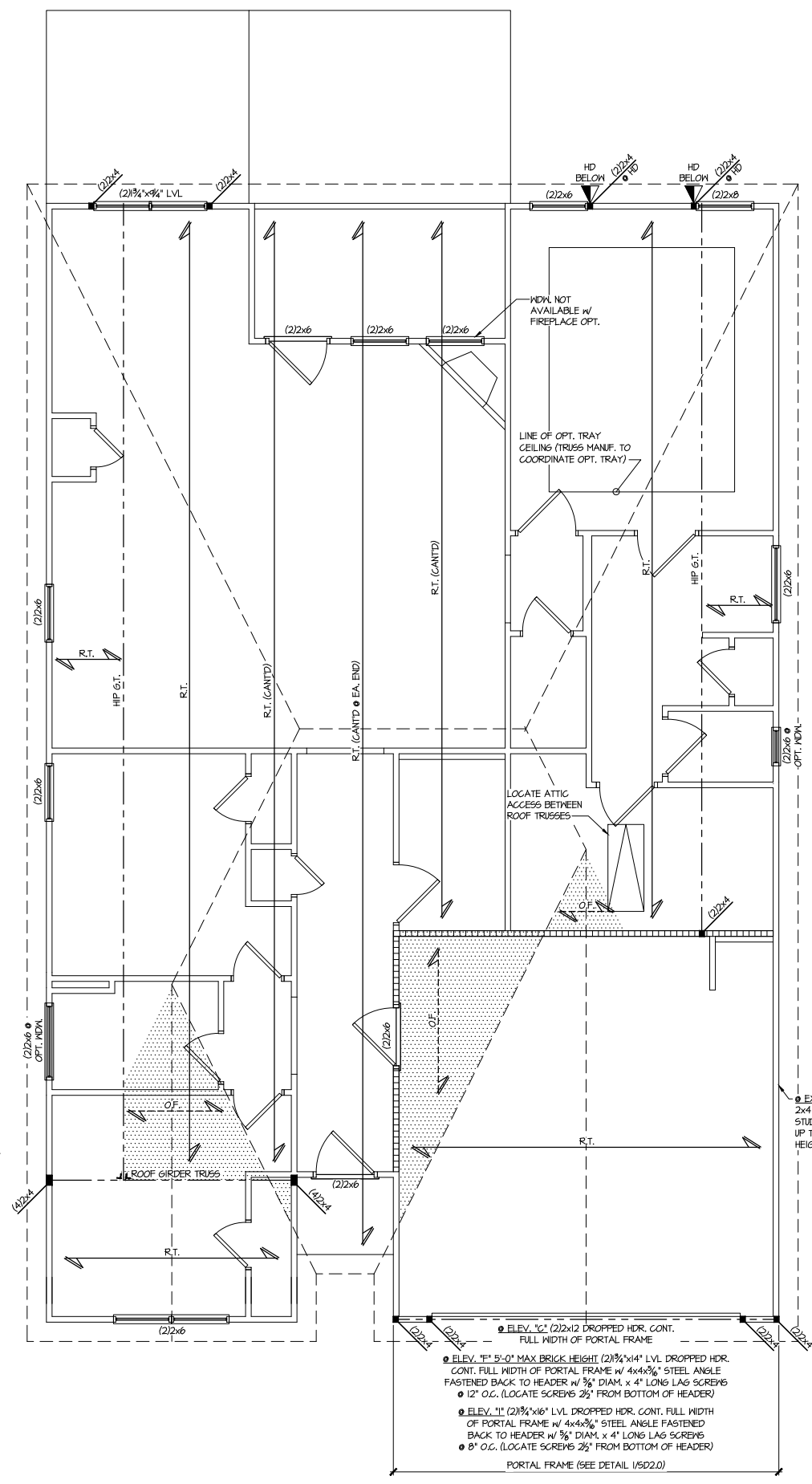
REFER TO S.O.0 FOR TYPICAL  
 STRUCTURAL NOTES & SCHEDULES

**LEGEND**

- R.T. INDICATES ROOF TRUSSES @ 24" O.C. PER ROOF. MANUF. (TYP. UNO.)
- O.F. INDICATES TRUSS OVERFRAMING @ 24" O.C. (TYP. UNO.)
- F.I. INDICATES 14" DEEP FLOOR I-JOISTS (24" O.C. MAX SPACING). JOIST SERIES AND SPACING SHALL BE THE RESPONSIBILITY OF THE JOIST MANUFACTURER
- D.I. INDICATES 2x8 P.T. DECK JOISTS @ 16" O.C. (MAX.)
- [Symbol] INDICATES LOCATIONS OF POTENTIAL TILE FLOOR. JOIST MANUFACTURER SHALL DESIGN FLOOR SYSTEM FOR ADD'L 10 PSF DEAD LOAD AT THESE LOCATIONS.
- [Symbol] INTERIOR BEARING WALL
- [Symbol] BEARING WALL ABOVE (B.W.A.)
- [Symbol] BEAM/HEADER
- [Symbol] METAL HANGER
- [Symbol] INDICATES POST ABOVE (P.A.) PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE.



**1 ROOF FRAMING PLAN**  
 SCALE: 1/4"=1'-0" ON 22x34  
 1/8"=1'-0" ON 11x17  
 ELEV. A, B, D, E, G, & H



**2 ROOF FRAMING PLAN**  
 SCALE: 1/4"=1'-0" ON 22x34  
 1/8"=1'-0" ON 11x17  
 ELEV. C, F, & I

ROOF FRAMING PLAN

BRADLEY MODEL

120 MPH WIND ZONE  
 NORTH CAROLINA

sheet:

**S3.0**

Mulhern+Kulp project number:  
**256-21011**

project mgr: **SMK**  
 drawn by: **MJF**  
 issue date: **02-21-2022**

REVISIONS:

date:	initial:
03/04/2022	KMY
08/11/2022	SMK
UPDATE PER ARCH COMMENTS	

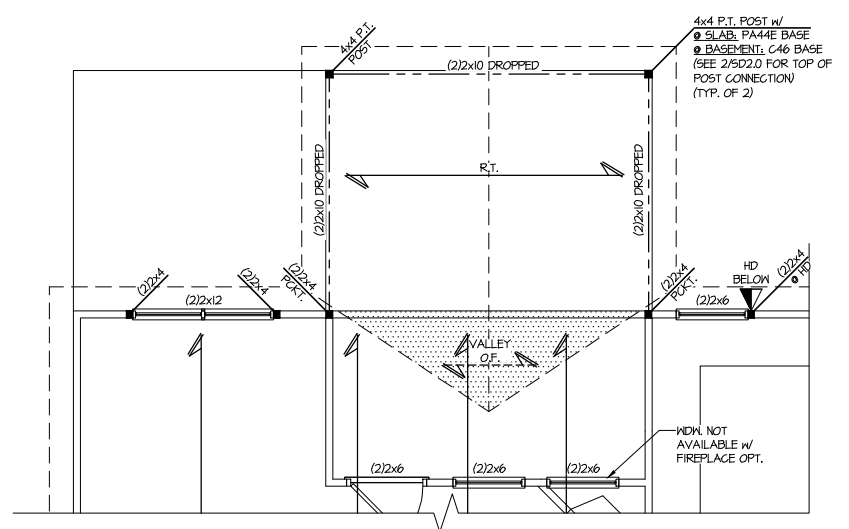
SMITH DOUGLAS  
 HOMES

**Harrington  
 Lot 24**

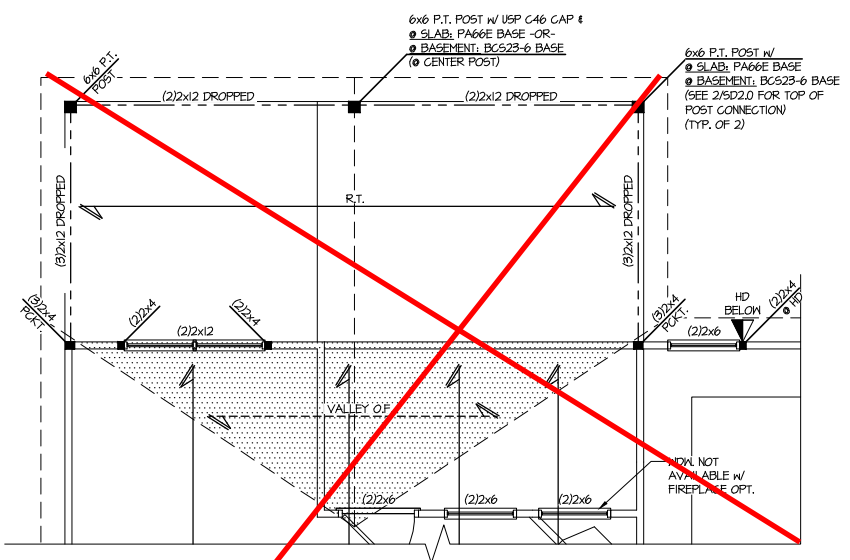
REFER TO S.O. FOR TYPICAL  
 STRUCTURAL NOTES & SCHEDULES

OPTIONS  
**BRADLEY MODEL**  
 120 MPH WIND ZONE  
 NORTH CAROLINA

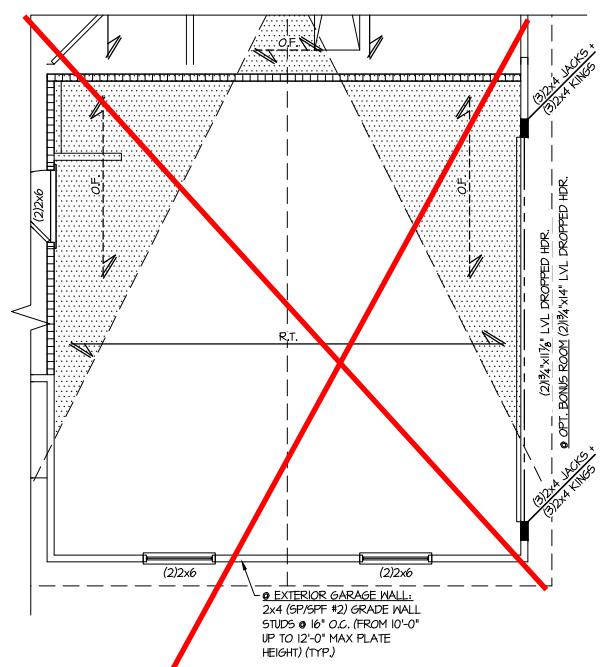
sheet:  
**S4.2**



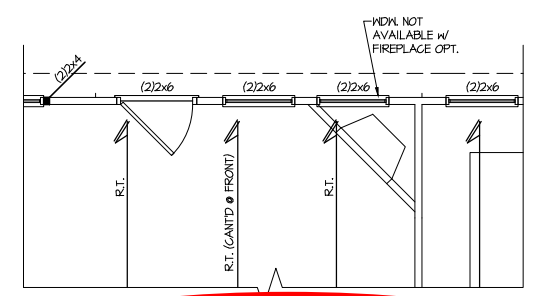
**1 ROOF FRAMING PLAN**  
 SCALE: 1/4"=1'-0" ON 22x34  
 1/8"=1'-0" ON 11x17  
 OPT. COVERED PORCH  
 ELEV. A SHOWN  
 ALL ELEV. SIM.



**2 ROOF FRAMING PLAN**  
 SCALE: 1/4"=1'-0" ON 22x34  
 1/8"=1'-0" ON 11x17  
 OPT. LARGE COVERED PORCH  
 ELEV. A SHOWN  
 ALL ELEV. SIM.



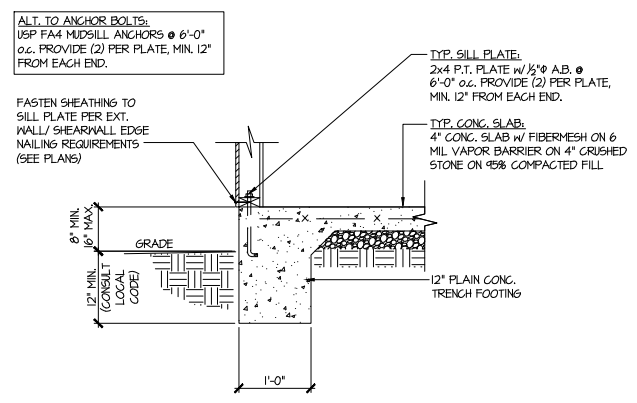
**3 ROOF FRAMING PLAN**  
 SCALE: 1/4"=1'-0" ON 22x34  
 1/8"=1'-0" ON 11x17  
 OPT. SIDE ENTRY GARAGE  
 ELEV. A SHOWN  
 ALL ELEV. SIM.



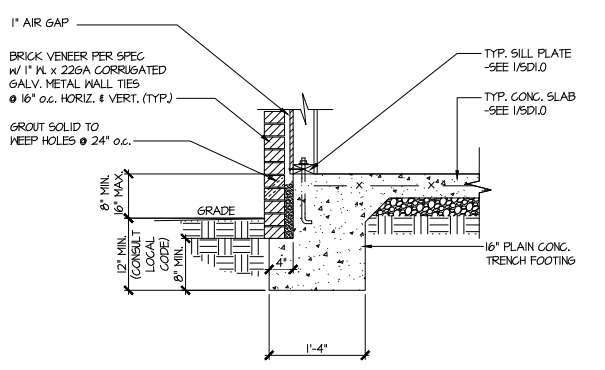
**4 ROOF FRAMING PLAN**  
 SCALE: 1/4"=1'-0" ON 22x34  
 1/8"=1'-0" ON 11x17  
 OPT. FAMILY ROOM EXT.  
 ALL ELEV. SIM.

**LEGEND**

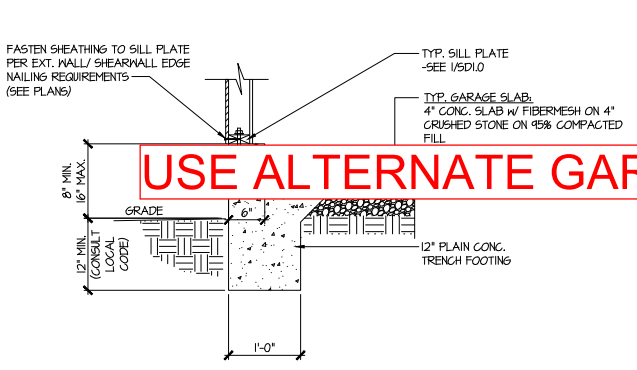
- INDICATES ROOF TRUSSES @ 24" O.C. PER ROOF. MANUF. (TYP. U.N.O.)
- INDICATES TRUSS OVERFRAMING @ 24" O.C. (TYP. U.N.O.)
- INDICATES 14" DEEP FLOOR I-JOISTS (24" O.C. MAX SPACING). JOIST SERIES AND SPACING SHALL BE THE RESPONSIBILITY OF THE JOIST MANUFACTURER
- INDICATES 2x8 P.T. DECK JOISTS @ 16" O.C. (MAX.)
- INDICATES LOCATIONS OF POTENTIAL TILE FLOOR. JOIST MANUFACTURER SHALL DESIGN FLOOR SYSTEM FOR ADD'L 10 PSF DEAD LOAD AT THESE LOCATIONS.
- INTERIOR BEARING WALL
- BEARING WALL ABOVE (B.W.A.)
- BEAM/HEADER
- METAL HANGER
- INDICATES POST ABOVE (P.A.) PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE.



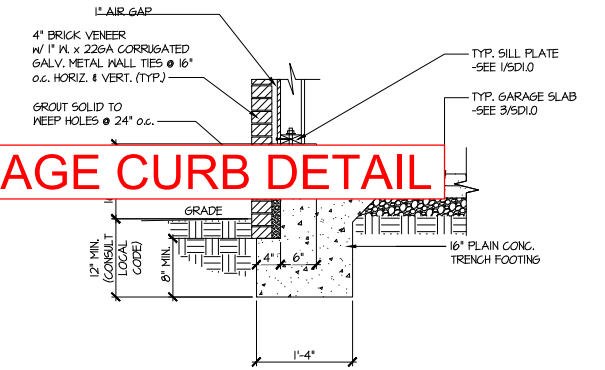
1 TYPICAL SLAB ON GRADE PERIMETER FOOTING



2 TYPICAL SLAB ON GRADE PERIMETER FOOTING w/ BRICK VENEER

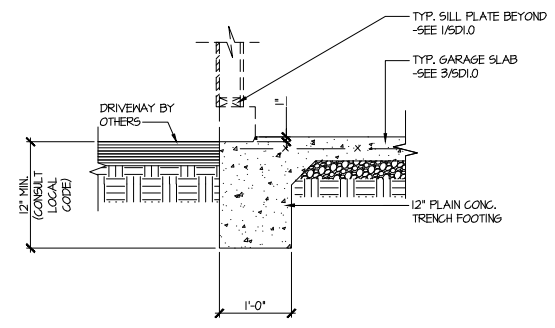


3 TYPICAL SLAB ON GRADE GARAGE PERIMETER FOOTING

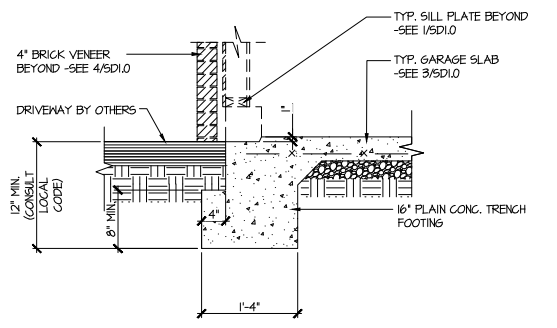


4 TYPICAL SLAB ON GRADE GARAGE PERIMETER FOOTING w/ BRICK VENEER

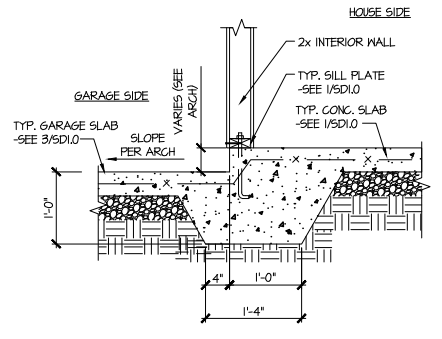
**USE ALTERNATE GARAGE CURB DETAIL**



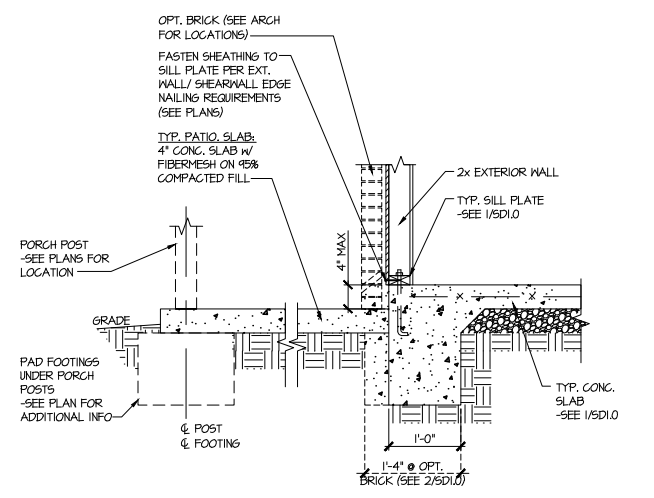
5 TYPICAL SLAB ON GRADE GARAGE ENTRY @ PERIMETER FOOTING



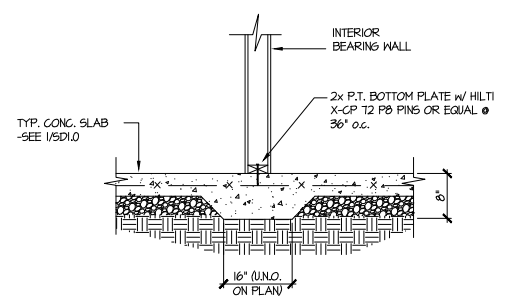
6 TYPICAL SLAB ON GRADE GARAGE ENTRY @ PERIMETER FOOTING w/ BRICK VENEER



7 TYPICAL MONOLITHIC INTERIOR GARAGE FOOTING



8 TYPICAL SLAB ON GRADE PERIMETER FOOTING @ PORCH/PATIO



9 TYPICAL THICKENED SLAB @ INTERIOR BEARING WALL

**MULHERN+KULP**  
 RESIDENTIAL STRUCTURAL ENGINEERING  
 3825 Blandville Park (West) - Suite 105 - Alhambra, GA 30022  
 770-777-8974 - mulhern+kulp.com  
 NC License # C-3825

Mulhern+Kulp project number:  
 256-21011

project mgr: SMK  
 drawn by: MJF  
 issue date: 02-21-2022

REVISIONS:

date:	initial:
03/04/2022	KMV
MISSED PLANS ADDED	
08/11/2022	SMM
UPDATE PER ARCH COMMENTS	

SMITH DOUGLAS  
 HOMES

FOUNDATION DETAILS  
 BRADLEY MODEL  
 120 MPH WIND ZONE  
 NORTH CAROLINA

Harrington  
 Lot 24

sheet:  
**SD1.0**



**MULHERN+KULP**  
RESIDENTIAL STRUCTURAL ENGINEERING

3625 Brookside Parkway, Suite 165, Alpharetta, GA 30022 ▶ p 770-777-0074 ▶ mulhernkulp.com

August 18, 2023

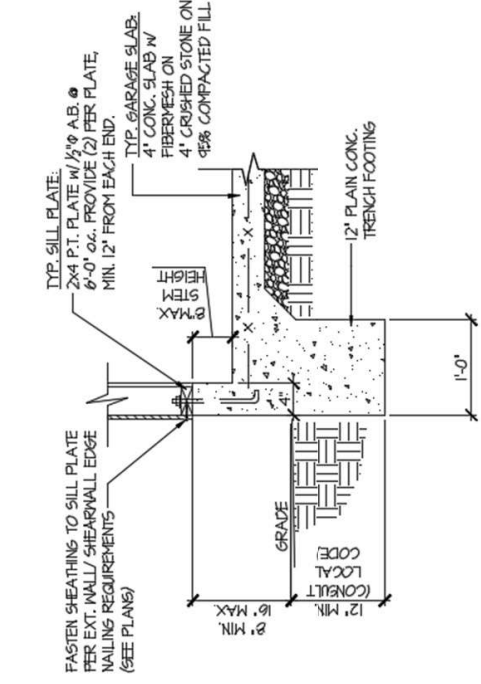
Jody Hunt  
Director of Product Development  
**SMITH DOUGLAS HOMES**  
110 Village Trail, Suite 215  
Woodstock, GA 30188

**ALTERNATE GARAGE CURB DETAIL**  
Smith Douglas Homes

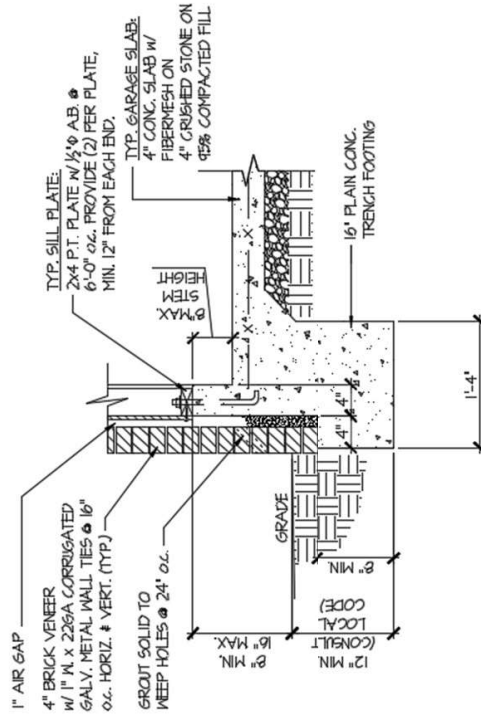
*Reference*  
*Current Structural Plans prepared by Mulhern & Kulp*

Jody:

Pursuant to your request, we have prepared this letter to address the “Alternate Garage Curb Details”, prepared by Mulhern & Kulp for Smith Douglas Homes shown below. The foundation details shown below call for a 4” wide curb with a maximum of 8” stem wall height; these are an acceptable alternative to the 6” wide curb at the garage per M&K foundation details 3 & 4 on sheet SD-1.0 at 2x4 garage wall locations.



**(A)** TYPICAL SLAB ON GRADE GARAGE PERIMETER FOOTING



**(B)** TYPICAL SLAB ON GRADE GARAGE PERIMETER FOOTING

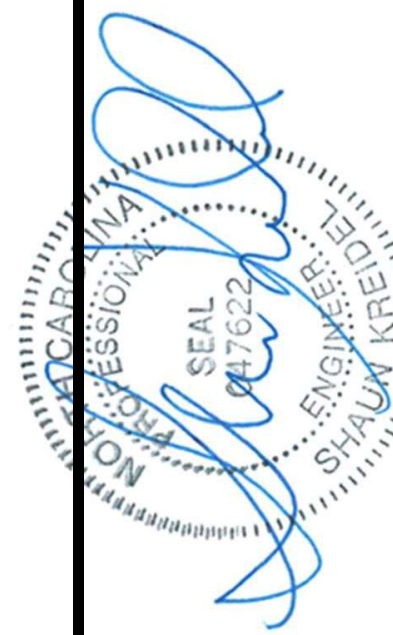
Please feel free to call if you have any questions.

Respectfully,

**MULHERN & KULP STRUCTURAL ENGINEERING, INC.**

NC License # C-3825

Shaun M. Kreidel, P.E. Project Manager + Atlanta Office Director



Signature + Seal 08/18/2023



Mulhern+Kulp project number:  
**256-21011**

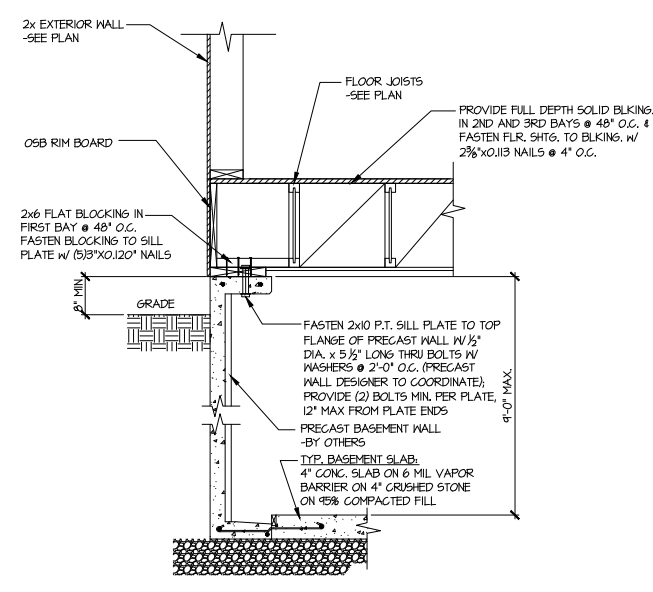
project mgr: **SMK**  
 drawn by: **MJF**  
 issue date: **02-21-2022**

REVISIONS:

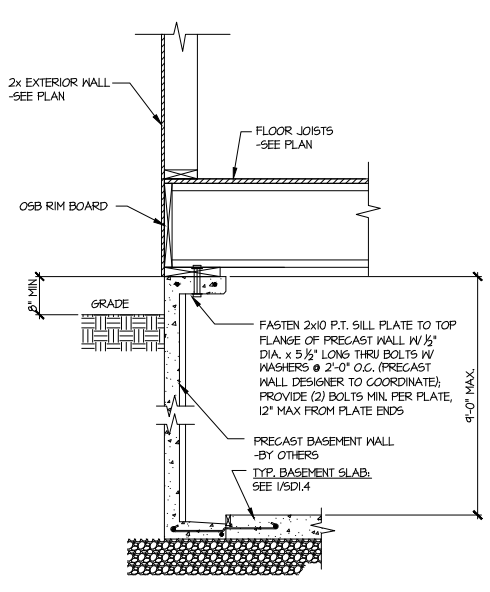
date:	initial:
03/04/2022	KMY
08/11/2022	SMK
UPDATE PER ARCH COMMENTS	

SMITH DOUGLAS  
 HOMES

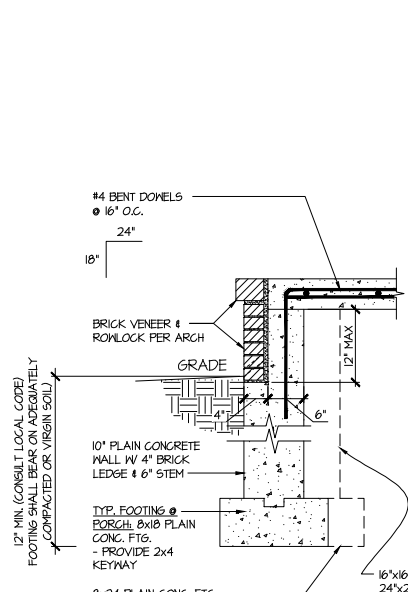
FOUNDATION DETAILS  
**BRADLEY MODEL**  
 120 MPH WIND ZONE  
 NORTH CAROLINA



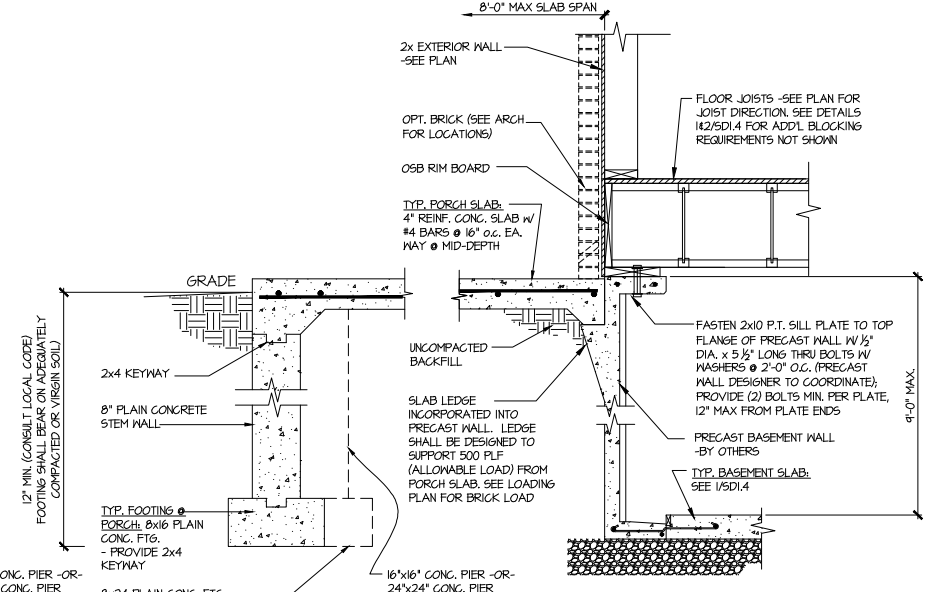
**1 SECTION**  
 SCALE: 3/4"=1'-0"



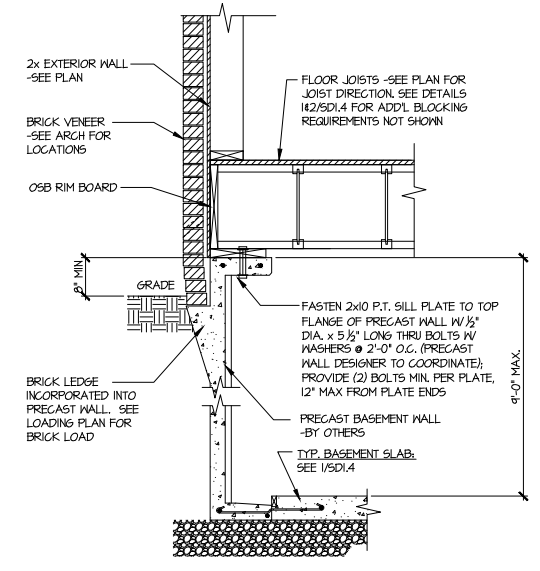
**1A SECTION**  
 SCALE: 3/4"=1'-0"



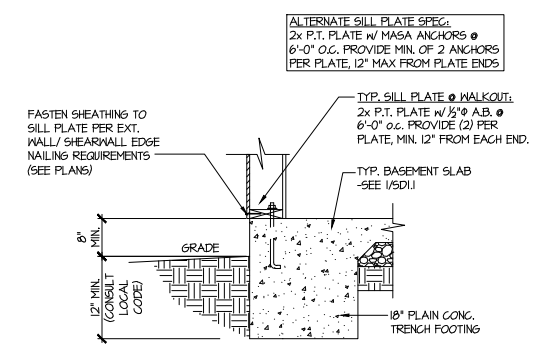
**3 SECTION**  
 SCALE: 3/4"=1'-0"



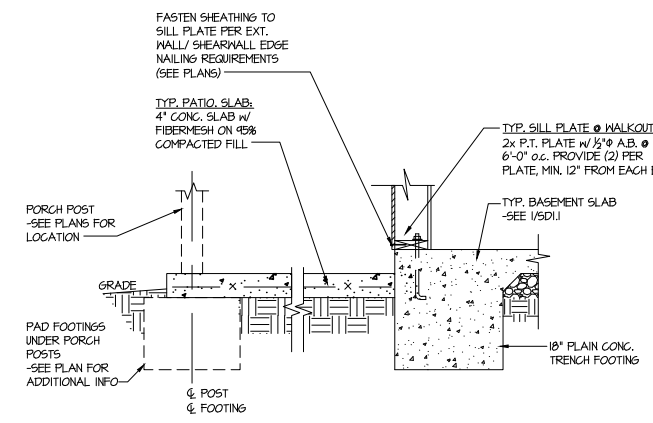
**3 SECTION**  
 SCALE: 3/4"=1'-0"



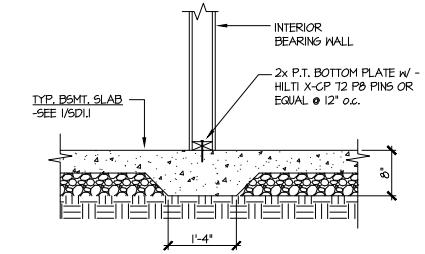
**2 SECTION**  
 SCALE: 3/4"=1'-0"



**4 TYPICAL BASEMENT FOUNDATION @ WALKOUT**



**5 TYPICAL BASEMENT FOUNDATION @ WALKOUT**



**6 TYPICAL THICKENED SLAB @ INTERIOR BEARING WALL**

Harrington  
 Lot 24

Mulhern+Kulp project number:  
256-21011

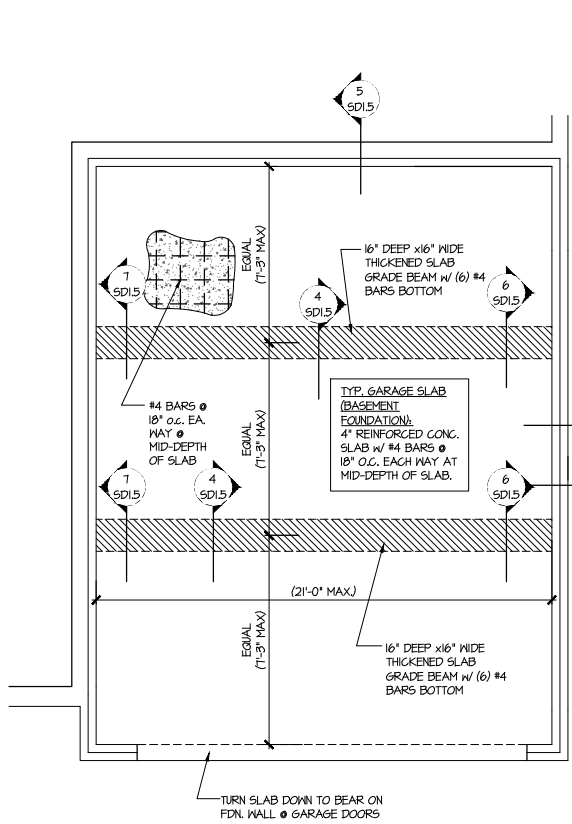
project mgr: SMK  
 drawn by: MJF  
 issue date: 02-21-2022

REVISIONS:

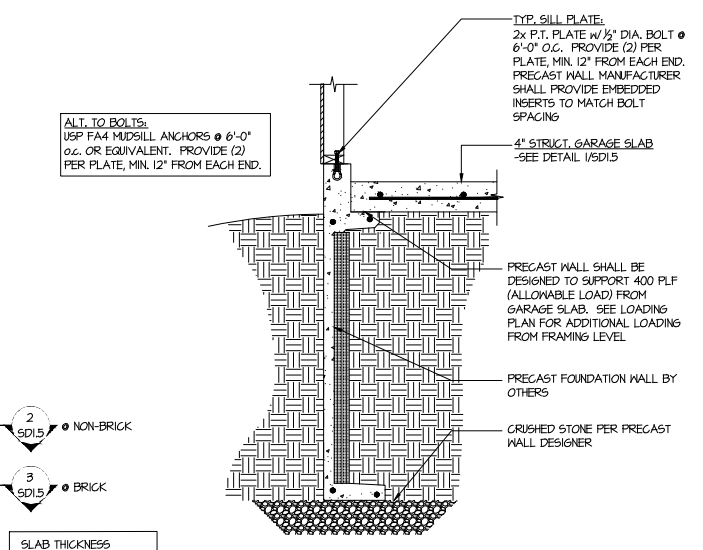
date:	initial:
03/04/2022	KMY
08/11/2022	SMM
UPDATE PER ARCH COMMENTS	

SMITH DOUGLAS  
 HOMES

FOUNDATION DETAILS  
 BRADLEY MODEL  
 120 MPH WIND ZONE  
 NORTH CAROLINA

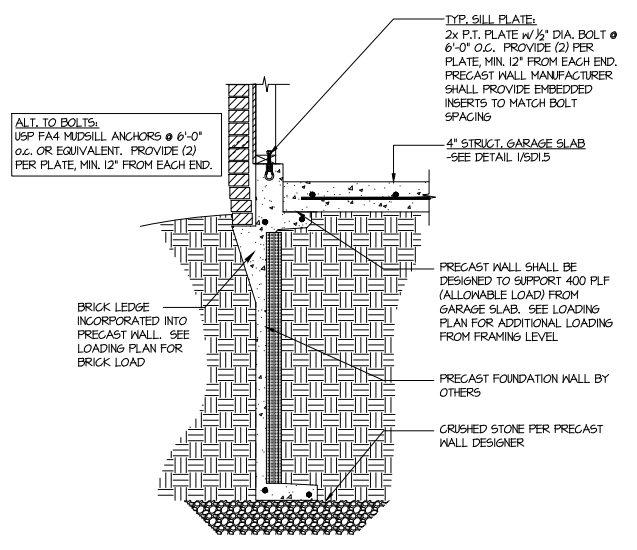


**1** GENERIC FOUNDATION PLAN KEY @ GARAGE  
 SCALE: 1/4"=1'-0"

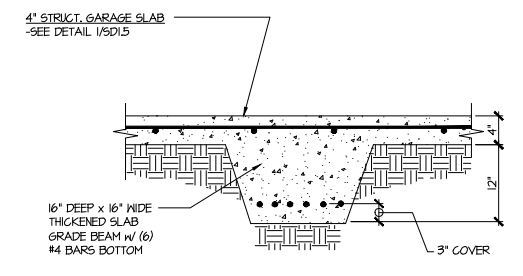


**2** TYPICAL PERIMETER FOOTING @ GARAGE - BASEMENT FOUNDATION  
 2 SD1.5 @ NON-BRICK  
 3 SD1.5 @ BRICK

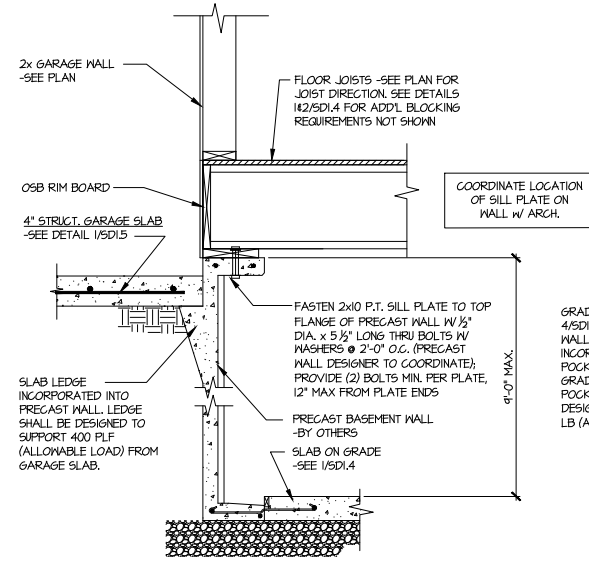
SLAB THICKNESS SHOWN IS MIN. THICKNESS REQ'D - SLOPE OF SLAB SHALL NOT COMPROMISE MIN. THICKNESS  
 SEE ARCHITECTURAL PLANS FOR ACTUAL GARAGE DIMENSIONS



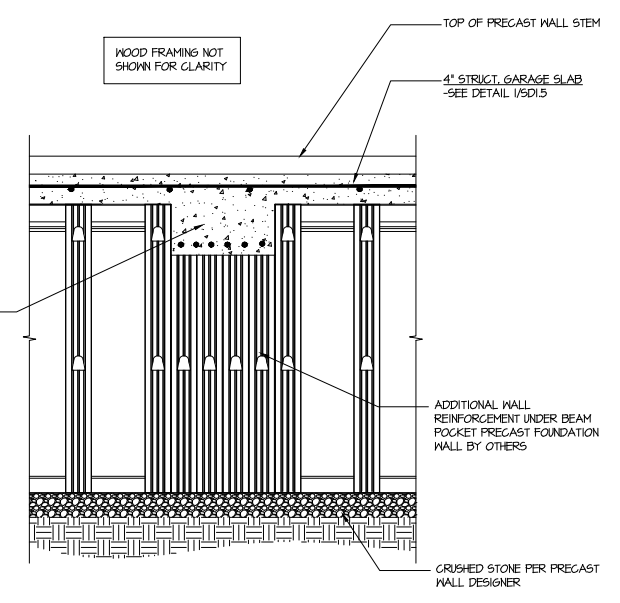
**3** TYPICAL PERIMETER FOOTING @ GARAGE - BASEMENT FOUNDATION (BRICK)



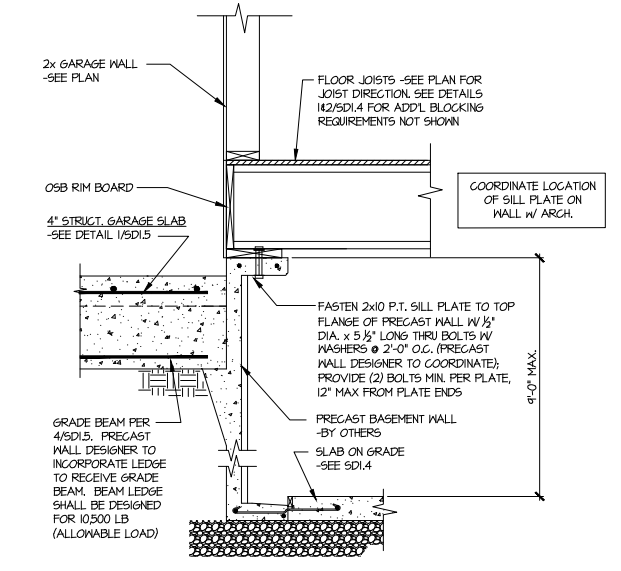
**4** TYPICAL CONCRETE GRADE BEAM @ GARAGE FDN.  
 SCALE: 3/4"=1'-0"



**5** CONCRETE BSMT. FDN. WALL @ GARAGE



**6** SECTION  
 SCALE: 3/4"=1'-0"



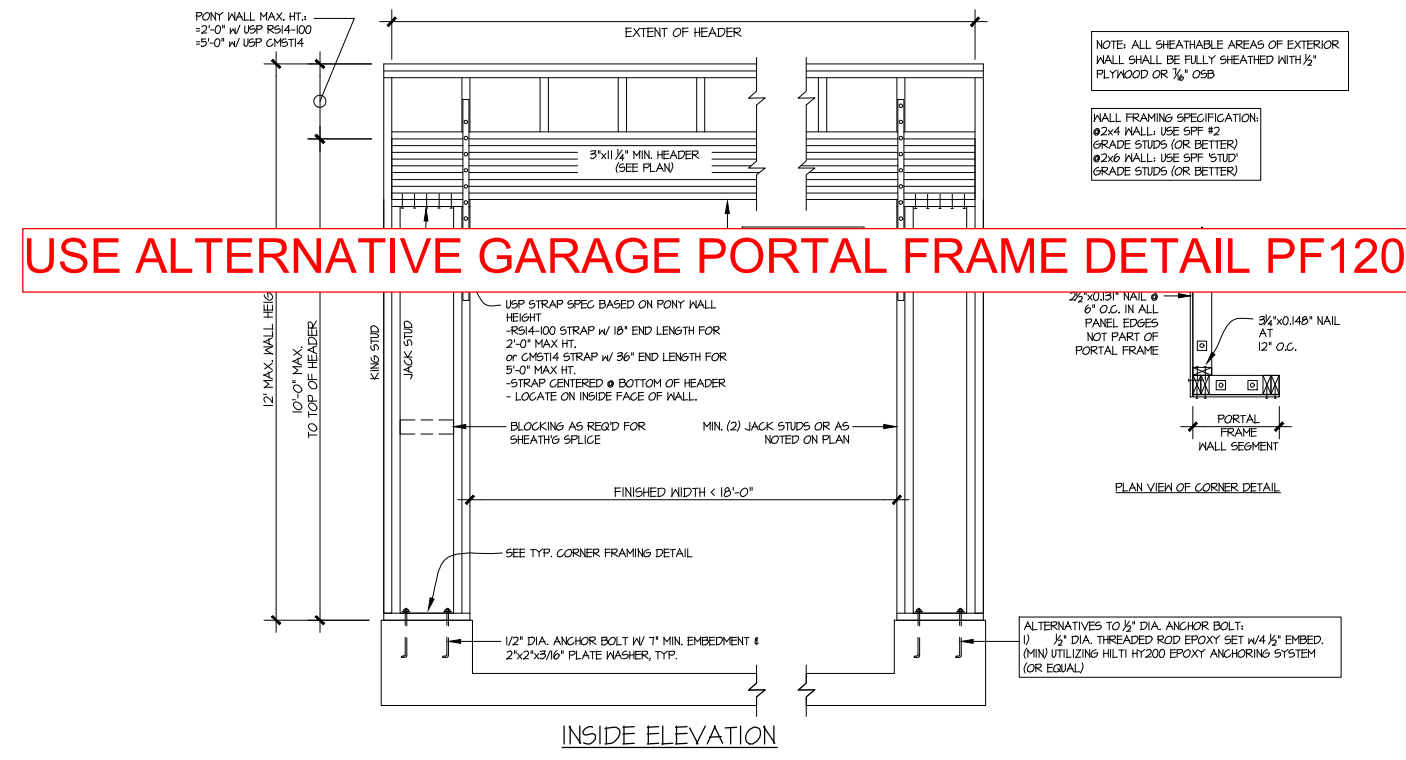
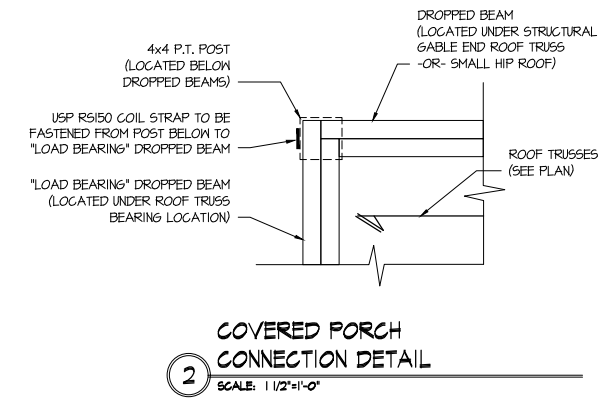
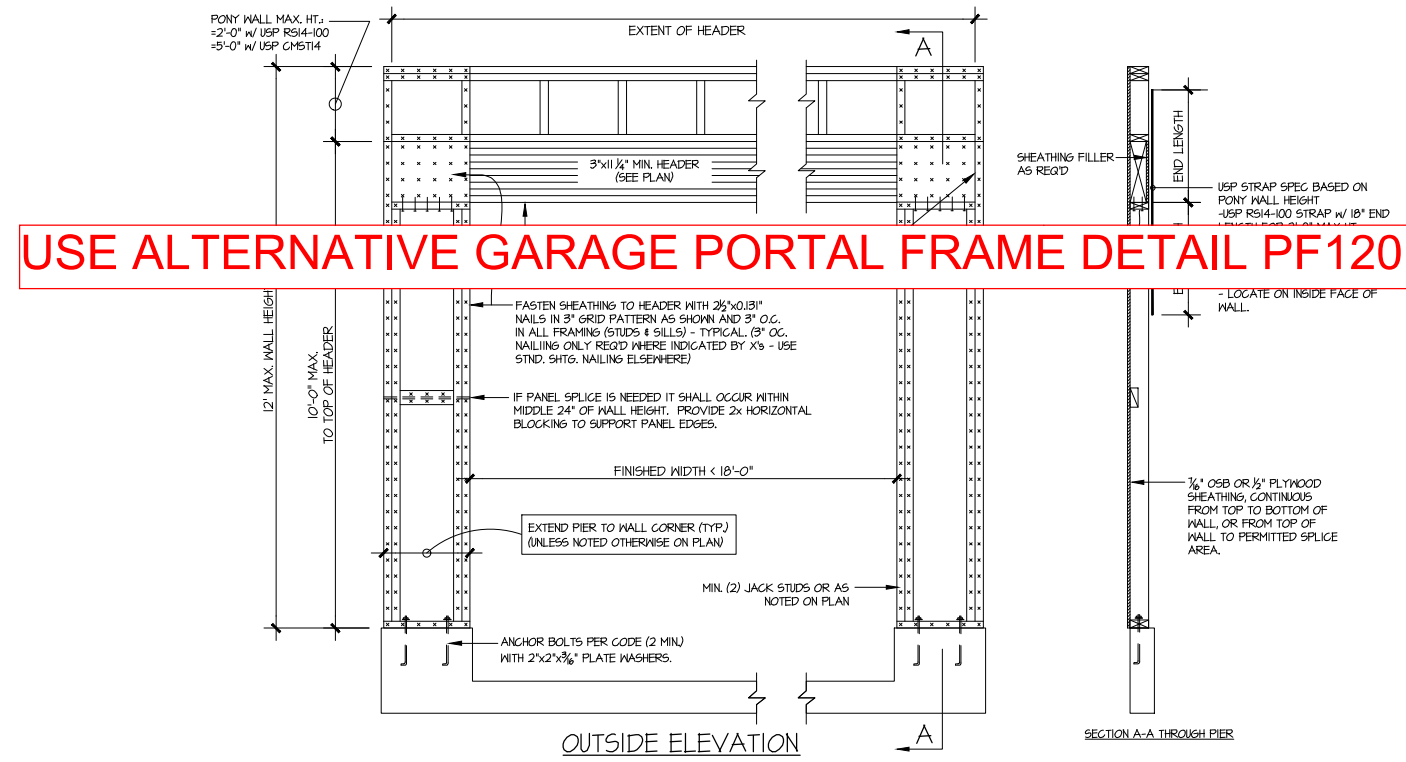
**7** SECTION  
 SCALE: 3/4"=1'-0"

Harrington  
 Lot 24

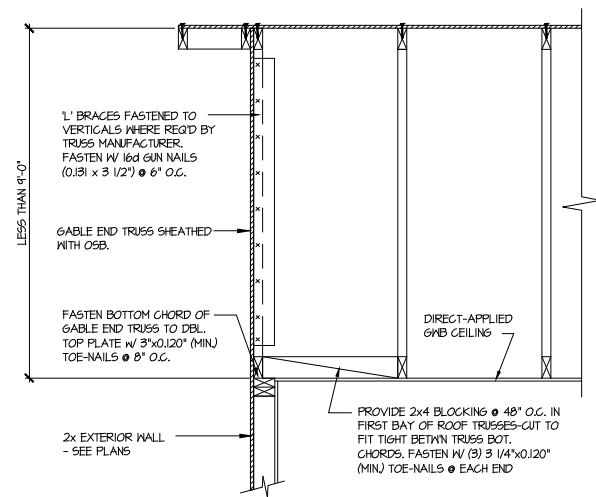
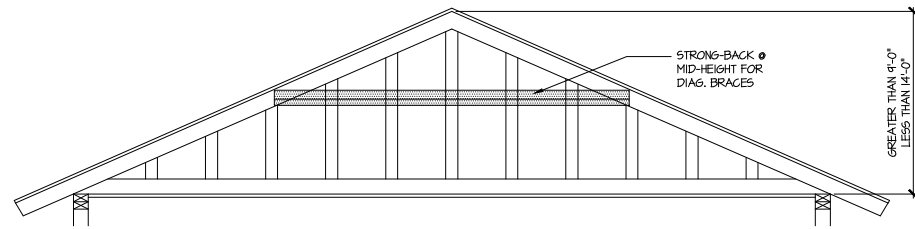
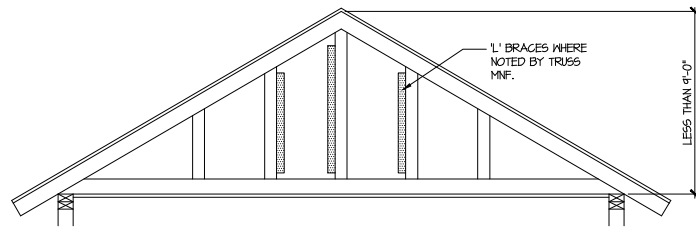
Mulhern+Kulp project number:	256-21011
project mgr:	SMK
drawn by:	MJF
issue date:	02-21-2022
REVISIONS:	
date:	initial:
03/04/2022	KM
REVISIONS PLANS ADDED	
08/11/2022	SMM
UPDATE PER ARCH COMMENTS	

SMITH DOUGLAS  
 HOMES

FRAMING DETAILS  
 BRADLEY MODEL  
 120 MPH WIND ZONE  
 NORTH CAROLINA

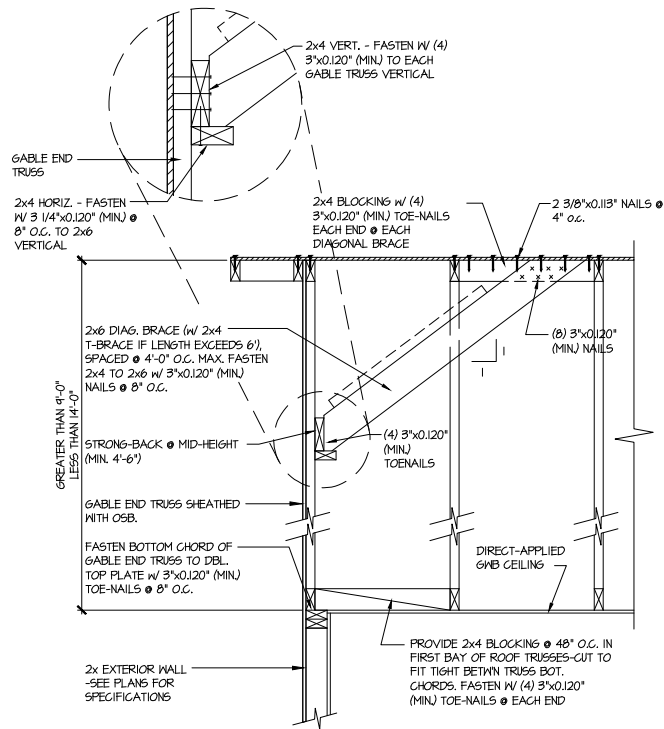


**GARAGE PORTAL FRAME BRACING ELEVATION**  
 SCALE: N.T.S. BOTH SIDES OF GARAGE DOOR  
 115 MPH WIND SPEED (ULT)



**A** TYPICAL GABLE END BRACING DETAIL  
 SCALE: NONE  
 REQ'D • GABLE END TRUSS  
 HEIGHT UP TO 9'-0"

BRACE GABLE END TRUSSES PER ABOVE DETAIL WHEN GABLE  
 HEIGHT IS LESS THAN 9'-0". 1" BRACES REQUIRED WHERE NOTED BY  
 TRUSS MANUFACTURER.



**B** TYPICAL GABLE END BRACING DETAIL  
 SCALE: NONE  
 REQ'D • GABLE END TRUSS  
 HEIGHT BETWEEN 9'-0" TO 14'-0"

BRACE GABLE END TRUSSES PER ABOVE DETAIL WHEN GABLE  
 HEIGHT EXCEEDS 9'-0". 1" BRACES NOT REQUIRED.

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.

**MULHERN+KULP**  
 RESIDENTIAL STRUCTURAL ENGINEERING  
 3025 Bluechick Park ( Hwy. 242) - Suite 105 - Alpharetta, GA 30022  
 770-777-8974 - mulhern+kulp.com  
 NC License # C-3825



Mulhern+Kulp project number:  
 256-21011  
 project mgr: SMK  
 drawn by: MJF  
 issue date: 02-21-2022

REVISIONS:	
date:	initial:
03/04/2022	KMV
REVISIONS PLANS ADDED	
08/11/2022	SMM
UPDATE PER ARCH COMMENTS	

SMITH DOUGLAS  
 HOMES

FRAMING DETAILS  
 BRADLEY MODEL  
 120 MPH WIND ZONE  
 NORTH CAROLINA

Harrington  
 Lot 24

sheet:  
**SD2.1**



**MULHERN+KULP**  
RESIDENTIAL STRUCTURAL ENGINEERING

3625 Brookside Parkway, Suite 165, Alpharetta, GA 30022 ▶ p 770-777-0074 ▶ [mulhernkulp.com](http://mulhernkulp.com)

July 28, 2023

Jody Hunt  
Director of Product Development  
**SMITH DOUGLAS HOMES**  
110 Village Trail, Suite 215  
Woodstock, GA 30188

## **ALTERNATE GARAGE PORTAL FRAME DETAIL**

### **Smith Douglas Homes**

#### **Reference**

*"Alternate Garage Portal Frame Detail" on sheet PF-120 & PF-130, prepared by Mulhern & Kulp dated 07/28/2023 - attached*

Jody:

Pursuant to your request, we have prepared this letter to address the "Alternate Garage Portal Frame Detail", prepared by Mulhern & Kulp for Smith Douglas Homes.

The "Alternate Garage Portal Frame Detail" on sheet "PF-120" is an acceptable alternative portal frame design for anywhere in North Carolina with a wind speed less than or equal to 120mph ultimate wind speed per ASCE 7-16. The "Alternate Garage Portal Frame Detail" on sheet "PF-130" is an acceptable alternative portal frame design for anywhere in North Carolina with a wind speed less than or equal to 130mph ultimate wind speed per ASCE 7-16. These details only apply to structural plans that have been designed by Mulhern & Kulp. It is the responsibility of "SDH" to provide the correct "Alternate Garage Portal Frame Detail", to the building department that matches the jurisdiction's wind speed requirements.

**Please feel free to call if you have any questions.**

---

Respectfully,

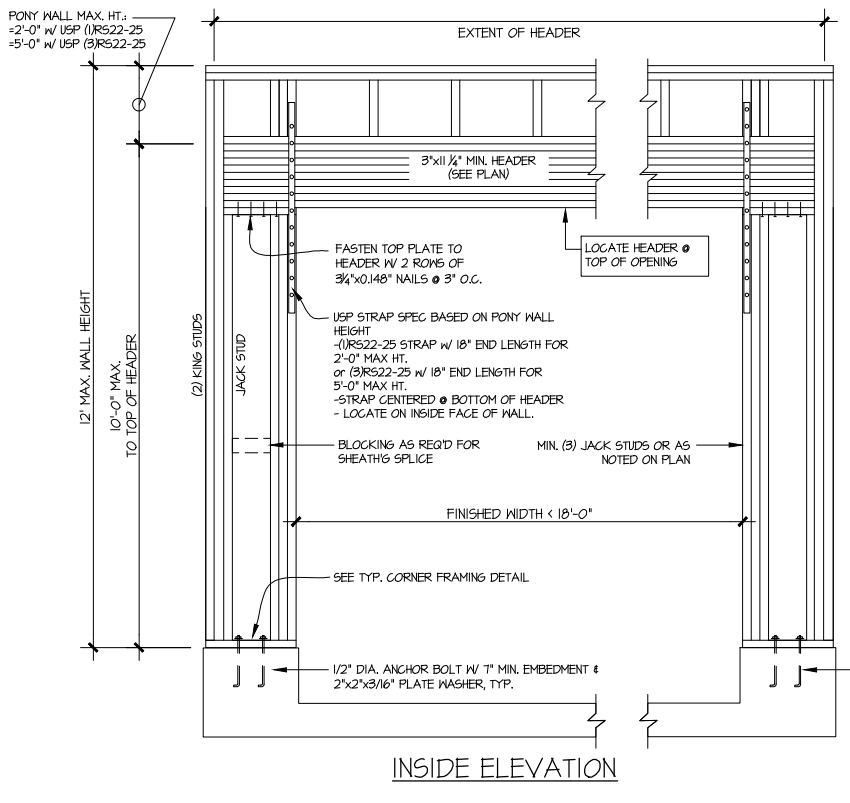
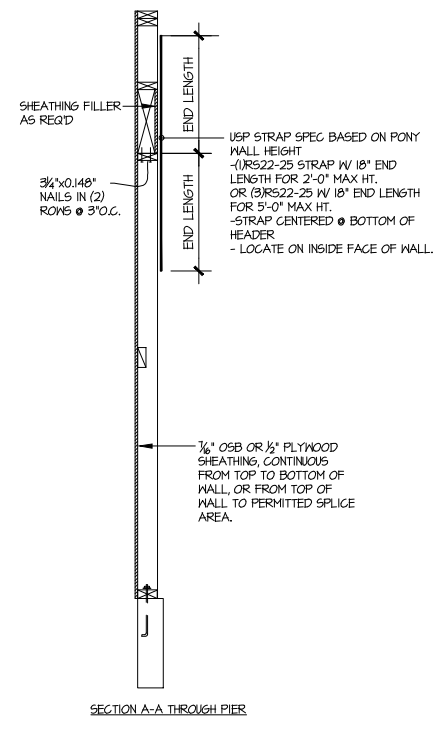
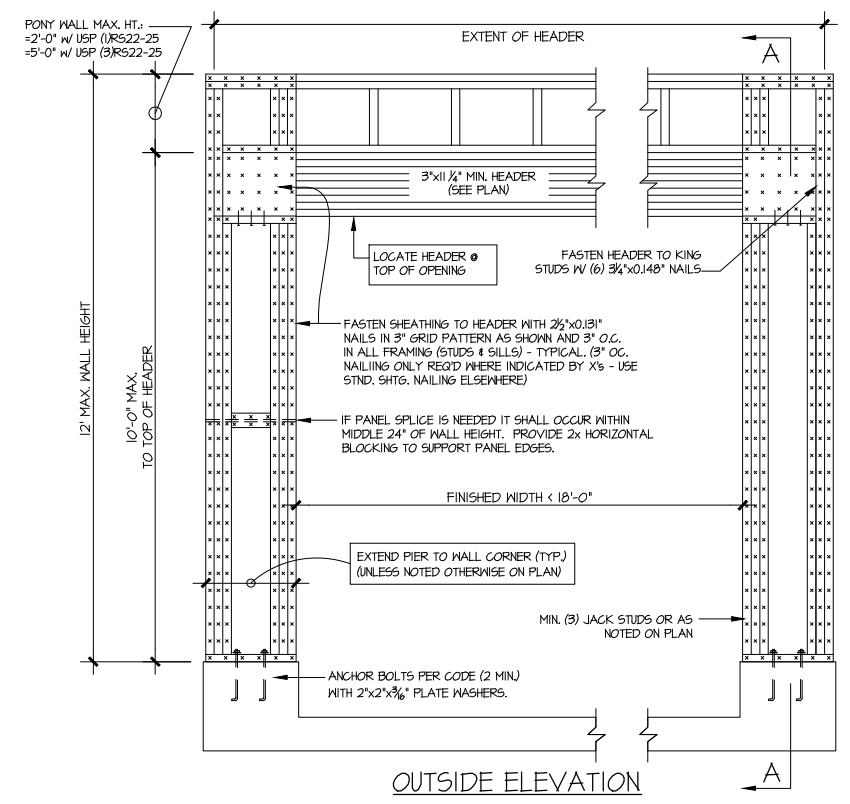
**MULHERN & KULP STRUCTURAL ENGINEERING, INC.**

NC License # C-3825

**Shaun M. Kreidel, P.E.** Project Manager + Atlanta Office Director

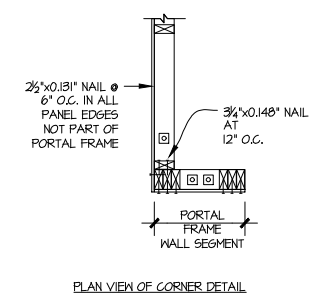
Signature + Seal 07/28/2023

P:\Client Files\256 - Smith Douglas Homes\2023\23000 - 2023 Client Admin\2023-07-28 - Alternate Portal Frame Letter\Alternate Garage Portal Frame Detail - Letter - RLH.docx



NOTE: ALL SHEATHABLE AREAS OF EXTERIOR WALL SHALL BE FULLY SHEATHED WITH 1/2" PLYWOOD OR 3/8" OSB

WALL FRAMING SPECIFICATION:  
 02x4 WALL: USE SFF #2 GRADE STUDS (OR BETTER)  
 02x6 WALL: USE SFF #1UD GRADE STUDS (OR BETTER)



ALTERNATIVES TO 1/2" DIA. ANCHOR BOLT:  
 1) 1/2" DIA. THREADED ROD EPOXY SET w/ 1/4" 1/2" EMBED. (MINU UTILIZING HILTI HY200 EPOXY ANCHORING SYSTEM (OR EQUAL)

# A ALTERNATE GARAGE PORTAL FRAME BRACING ELEVATION

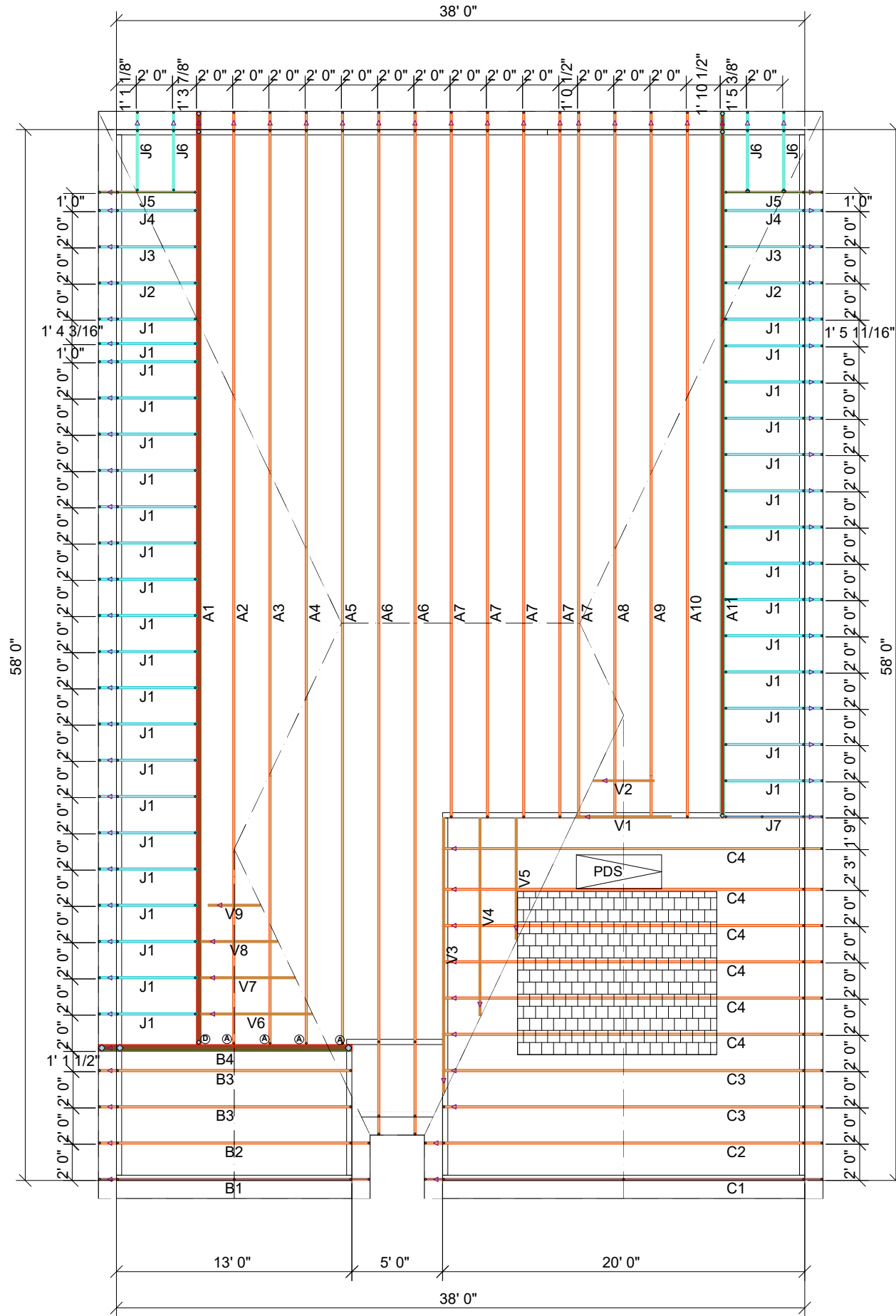
SCALE: N.T.S.

BOTH SIDES OF GARAGE DOOR  
120 MPH WIND SPEED (ULT)

Harrington  
Lot 24

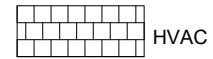
THIS IS A TRUSS PLACEMENT DIAGRAM (TPD) ONLY; NOT AN ENGINEERED DOCUMENT. Trusses are designed as individual building components to be incorporated into the building design at the specification of the building designer. See individual truss design drawings (TDD's) for each truss design identified on the TPD. The Contractor is responsible for the temporary bracing of the roof and floor system, and requirements for the permanent restraint/bracing of truss systems may be met by following the methods outlined in ANSI-TPI 1-2014 - 2.3.3. The design of the support structure including but not limited to headers, beams, walls, and columns is also the responsibility of the building designer. For general guidance regarding installation and bracing, consult "Building Component Safety Information" (BCSI) available from the SBC Association (www.sbcassociations.com). It is the responsibility of the General Contractor to verify that the provided component layout matches the final intended construction plans, loading conditions, and use. If they do not, it is the responsibility of the General Contractor to notify UFP and provide plans containing the latest specifications and designs. UFP will not be responsible for plan changes by others after final approval of shop drawings, or for errors or modifications made on-site during construction. DO NOT CUT, NOTCH, DRILL, OR OTHERWISE "REPAIR" MANUFACTURED TRUSSES IN ANY WAY WITHOUT PRIOR WRITTEN AUTHORIZATION BY A LICENSED PROFESSIONAL DESIGNATED BY UFP. The Framing is responsible to verify all dimensions, including adjusting member spacing within tolerances to allow for the drop and rise of plumbing/HVAC, unless noted otherwise. Truss-to-wall connections, if shown, are for uplift only and do not consider lateral loads. All connectors on this project are to be installed per the connector manufacturer's specifications. All connectors shown that are not truss-to-truss are suggestions only and are to be verified by the Building Designer or Engineer of Record for suitability to this particular project. UFP accepts no responsibility for the specific application or suitability of any connector that is not truss-to-truss as they apply to this specific structure.

**PLACEMENT PLAN**



(A)	HUS26	FACE MOUNT HANGER	4
(D)	THD28-2	FACE MOUNT HANGER	1

**BRADLEY CFI EXT  
FAMILY RM NO  
TRAY**

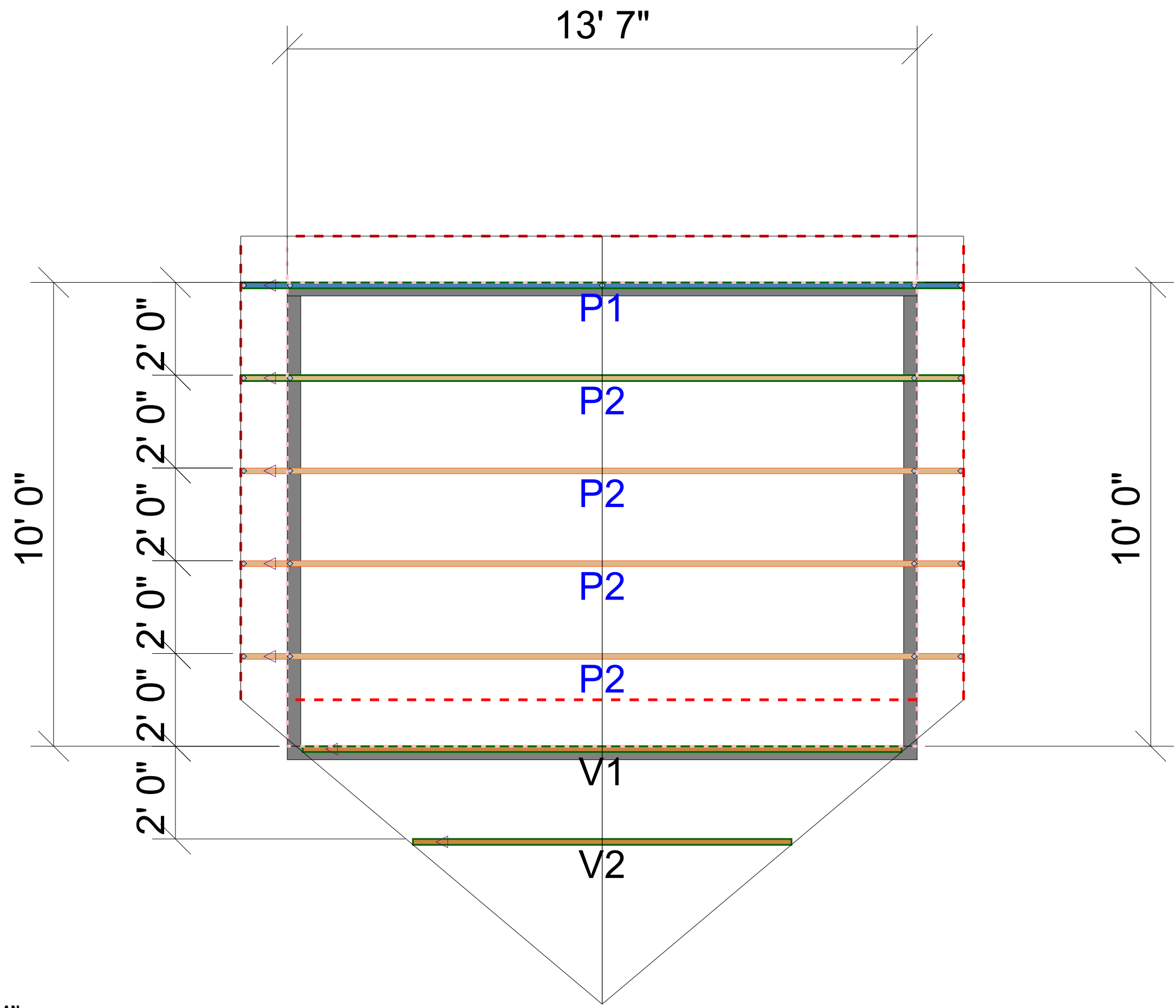


△ INDICATES LEFT END OF TRUSS SCALE: N.T.S

<b>ROOF AREA:</b> 2855.11 ft <sup>2</sup> sqft	<b>RIDGE LINE:</b> 59.11 ft	<b>VALLEY LINES:</b> 45.79 ft	<b>HIP LINES:</b> 87.06 ft	<b>THESE VALUES ARE APPROXIMATE ONLY</b>																					
<p><b>BRADLEY CFI EXT FAM NO TRAY</b></p> <p style="text-align: right;"><b>SD</b></p>																									
<p><b>UFP SITE BUILT</b> A UFP INDUSTRIES COMPANY</p> <p>Burlington, NC    Locust, NC Chesapeake, VA    Liberty, NC Clinton, NC    Ooltewah, TN Conway, SC    Pearisburg, VA Jefferson, GA    Stanfield, NC</p> <p>Customer Service (800) 476-9356</p>																									
<p>TRUSS TRAX UP CONSTRUCTION</p> <p>TrussTrax.com</p>																									
<p>This drawing is property of UFP Site Built, LLC. Any unauthorized use of this document without written permission is prohibited. UFP relinquishes ownership of delivered product upon delivery. Owner of product must obtain UFP's authorization prior to any alteration or modification of product. UFP will not be held responsible for any unauthorized modifications done or costs incurred without prior written authorization from UFP.</p>																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">REVISIONS</th> <th>DSN</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th></th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>					REVISIONS		DSN	DATE	DESCRIPTION																
REVISIONS		DSN																							
DATE	DESCRIPTION																								
<p>DESIGNER JNN LAYOUT DATE 1/22/24 ARCH DATE - STRUC DATE -</p>																									
<p>JOB #: MASTER</p>																									

THIS IS A TRUSS PLACEMENT DIAGRAM (TPD) ONLY, NOT AN ENGINEERED DOCUMENT. Trusses are designed as individual building components to be incorporated into the building design at the specification of the building designer. See individual truss design drawings (TDDs) for each truss design identified on the TPD. The Contractor is responsible for the temporary bracing of the roof and floor system, and the building designer is responsible for the permanent bracing of the roof and floor system and the overall structure. The design of the support structure including but not limited to headers, beams, walls, and columns is also the responsibility of the building designer. For general guidance regarding installation and bracing, consult "Building Component Safety Information" (BCSI) available from the SBC Association (www.sbcassociations.com). It is the responsibility of the General Contractor to verify that the provided component layout matches the final intended construction plans, loading conditions, and use. If they do not, it is the responsibility of the General Contractor to notify UFP and provide plans containing the latest specifications and designs. UFP will not be responsible for plan changes by others after final approval of shop drawings, or for errors or modifications made on-site during construction. DO NOT CUT, NOTCH, DRILL, OR OTHERWISE "REPAIR" MANUFACTURED TRUSSES IN ANY WAY WITHOUT PRIOR WRITTEN AUTHORIZATION BY A LICENSED PROFESSIONAL DESIGNATED BY UFP. The Framing is responsible to verify all dimensions, including adjusting member spacing within tolerances to allow for the drop and rise of plumbing/HVAC, unless noted otherwise. Truss-to-wall connections, if shown, are for uplift only and do not consider lateral loads. All connectors on this project are to be installed per the connector manufacturer's specifications. All connectors shown that are not truss-to-truss are suggestions only and are to be verified by the Building Designer or Engineer of Record for suitability to this particular project. UFP accepts no responsibility for the specific application or suitability of any connector that is not truss-to-truss as they apply to this specific structure.

**PLACEMENT PLAN**



△ INDICATES LEFT END OF TRUSS SCALE: N.T.S

REVISIONS		DSN
DATE	DESCRIPTION	

**BRADLEY PORCH**

**-SD**

This drawing is property of UFP Site Built, LLC. Any unauthorized use of this document without written permission is prohibited. UFP relinquishes ownership of delivered product upon delivery. Owner of product must obtain UFP's authorization prior to any alteration or modification of product. UFP will not be held responsible for any unauthorized modifications done or costs incurred without prior written authorization from UFP.



TRUSS TRAX  
UFP CONSTRUCTION

**UFP SITE BUILT**  
A UFP INDUSTRIES COMPANY

Burlington, NC  
Chesapeake, VA  
Clinton, NC  
Conway, SC  
Jefferson, GA  
Locust, NC  
Liberty, NC  
Ooltewah, TN  
Pearisburg, VA  
Stanfield, NC



Customer Service (800) 476-9356