

McGINNIS

DUNCANS CROSSING
LOT 33



PLAN ID 070121

110 VILLAGE TRAIL SUITE 215
WOODSTOCK, GA. 30188

DRAWING INDEX

A0.0	COVER SHEET
A1.1	FRONT ELEVATION
A2.1	SIDE & REAR ELEVATIONS
A3.1	SLAB FOUNDATION
A5.1	FIRST FLOOR PLAN
A5.2	SECOND FLOOR PLAN
A6.1	ROOF PLAN
A7.2-A7.3	ELECTRICAL PLANS
A8.1	TRIM LOCATION LAYOUT

AREA TABULATION

FIRST FLOOR	1001
SECOND FLOOR	1371
TOTAL	2372
GARAGE	410
FRONT PORCH (COVERED) B&C MASSINGS	108
REAR PATIO (COVERED)	120

PLAN REVISIONS

DATE	BY	REVISION	PAGE #
2/23/2021	MM	PROTOTYPE WALK CHANGES - SEE REVISION SHT	ALL
4/7/2021	AW	Added elevations J & K	A1.10, A1.11
7/1/2021	AW	2ND Prototype walk changs - see revision sheet	A2.1-A2.3, A5.1-A5.3, A7.2-A7.3
9/2/2021	BB	ADDED FOURTH TURTLE BACK VENT TO C MASSING REAR ELEVATION	A2-3, A6.3
2/1/2022	AW	Added LED light in Laundry hall on same switch as Loft lights	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

ALL NON-MASONRY RETURNS TO BE HORIZONTAL SIDING

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

DUNCANS CROSSING LOT 33



FRONT ELEVATION "E"

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

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



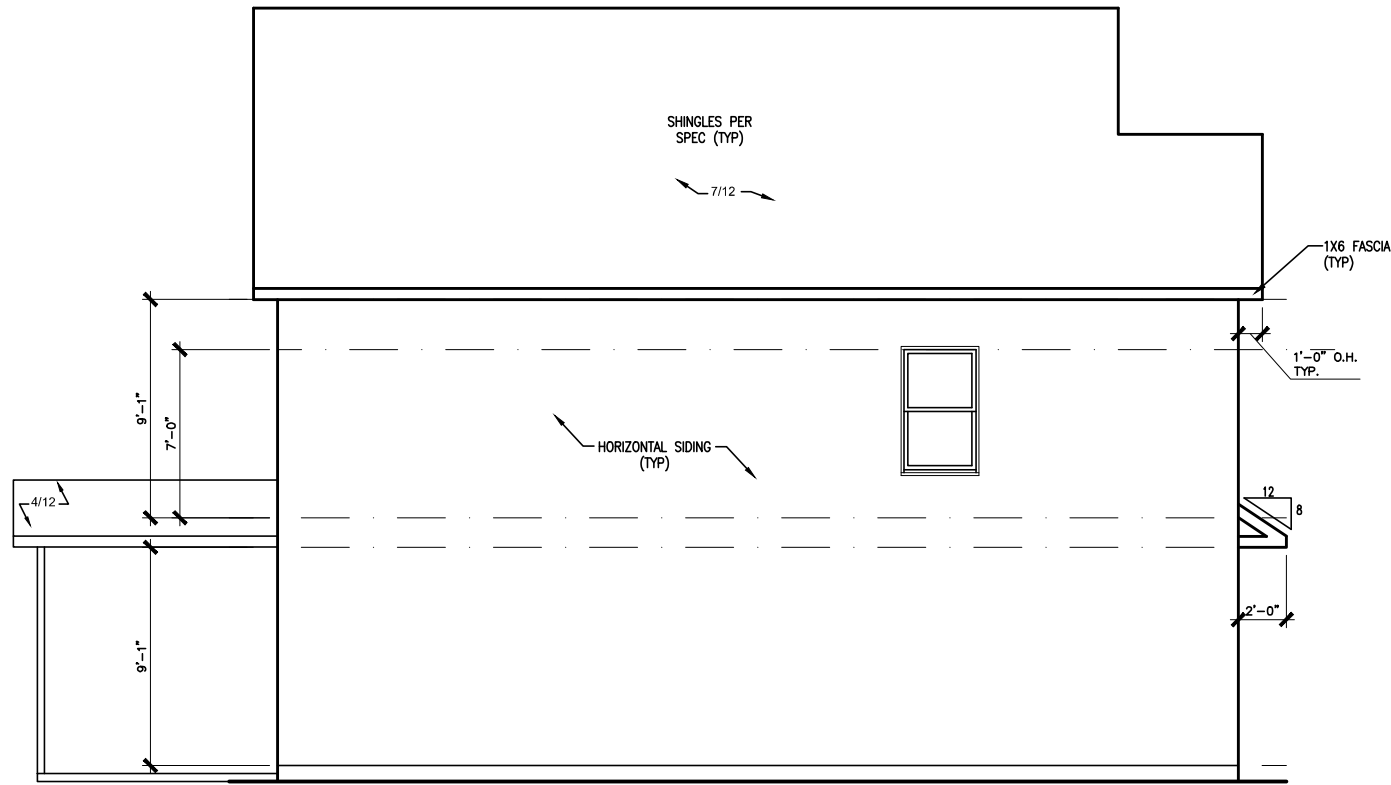
ELEVATIONS
FRONT ELEVATION
MCGINNIS

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.

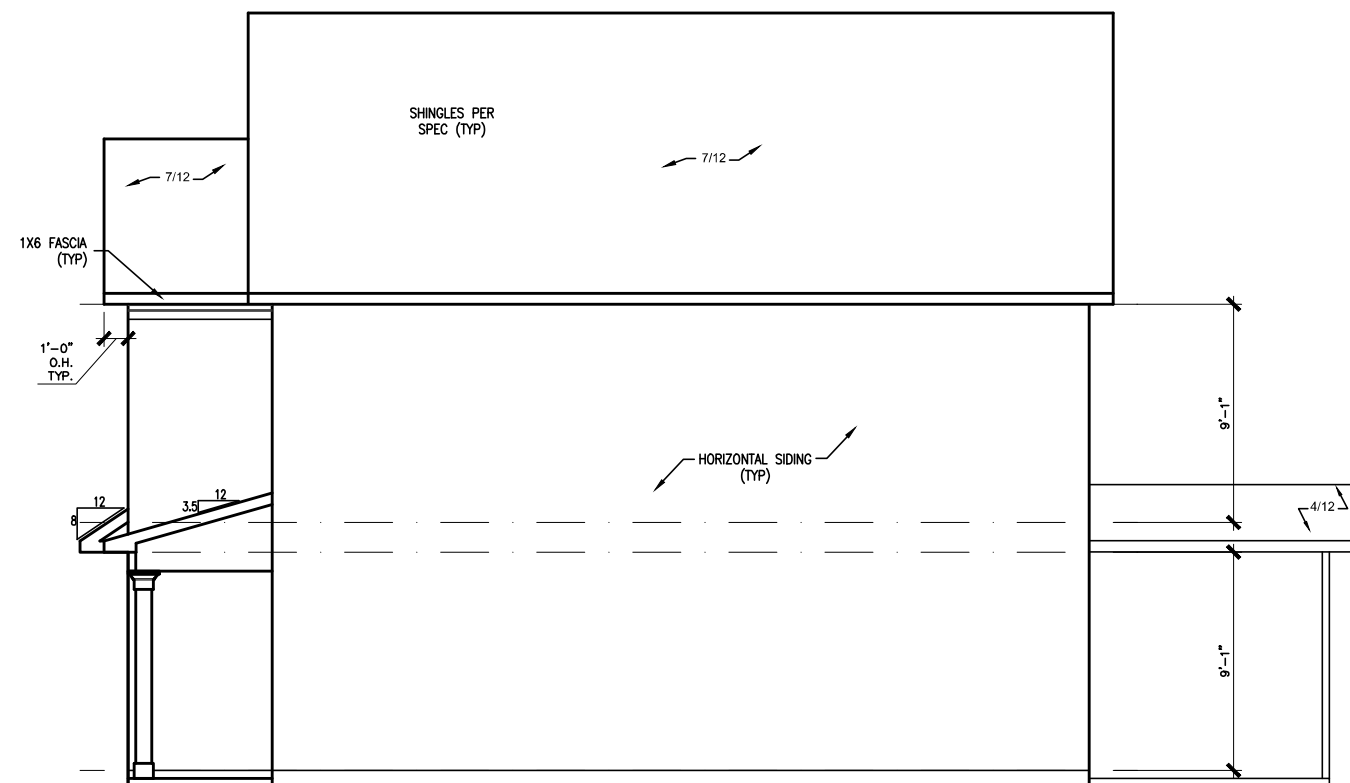
BY: CLJ	CH: AW
DATE: 07-18-23	
FACADE OPT: B	
PLAN ID:	
FND: ALL	ELEV: E
PAGE NO: A1.1	

DUNCANS CROSSING LOT 33



LEFT ELEVATION "E"

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



RIGHT ELEVATION "E"

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



REAR ELEVATION

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

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



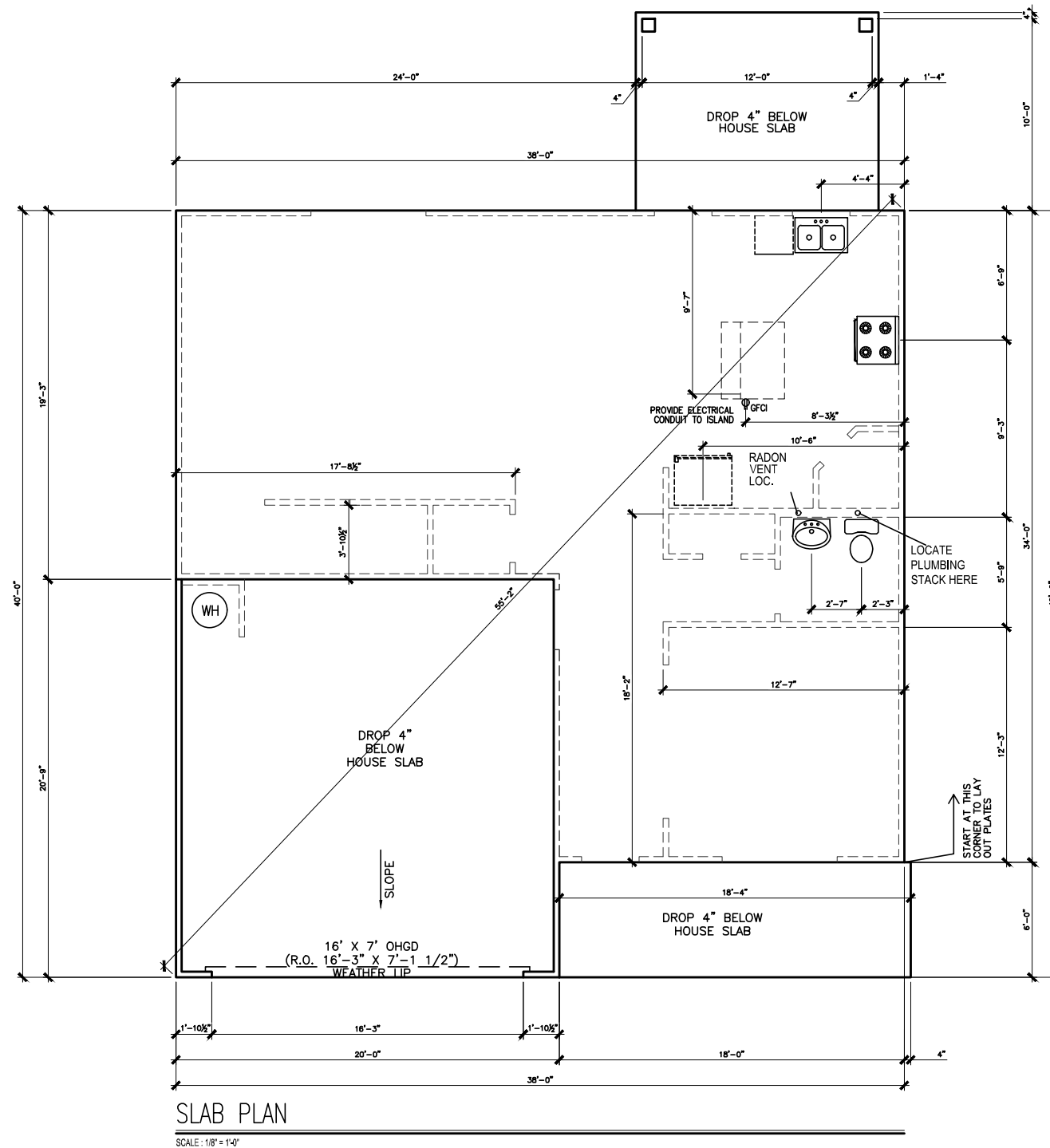
ELEVATIONS
SIDES AND REAR
MCGINNIS

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: CLJ	CH: AW
DATE: 07-18-23	
FACADE OPT: B	
PLAN ID:	
FND: ALL	ELEV: E
PAGE NO: A2.1	

DUNCANS CROSSING LOT 33



*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"

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



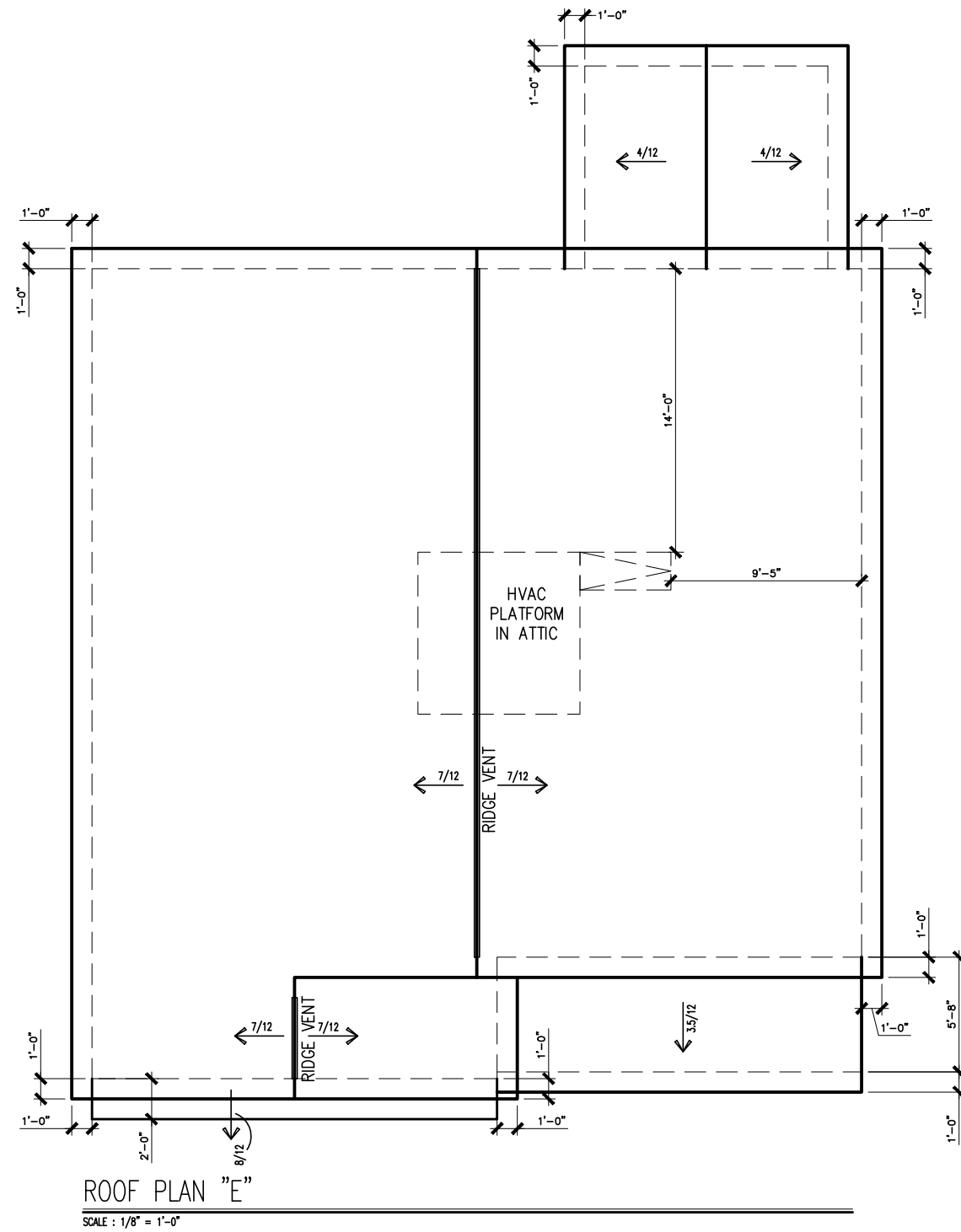
FOUNDATION PLAN
SLAB PLAN
MCGINNIS

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: CLJ	CH: AW
DATE: 07-18-23	
FACADE OPT: B	
PLAN ID:	
FND: ALL	ELEV: E
PAGE NO: A3.1	

DUNCANS CROSSING LOT 33



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



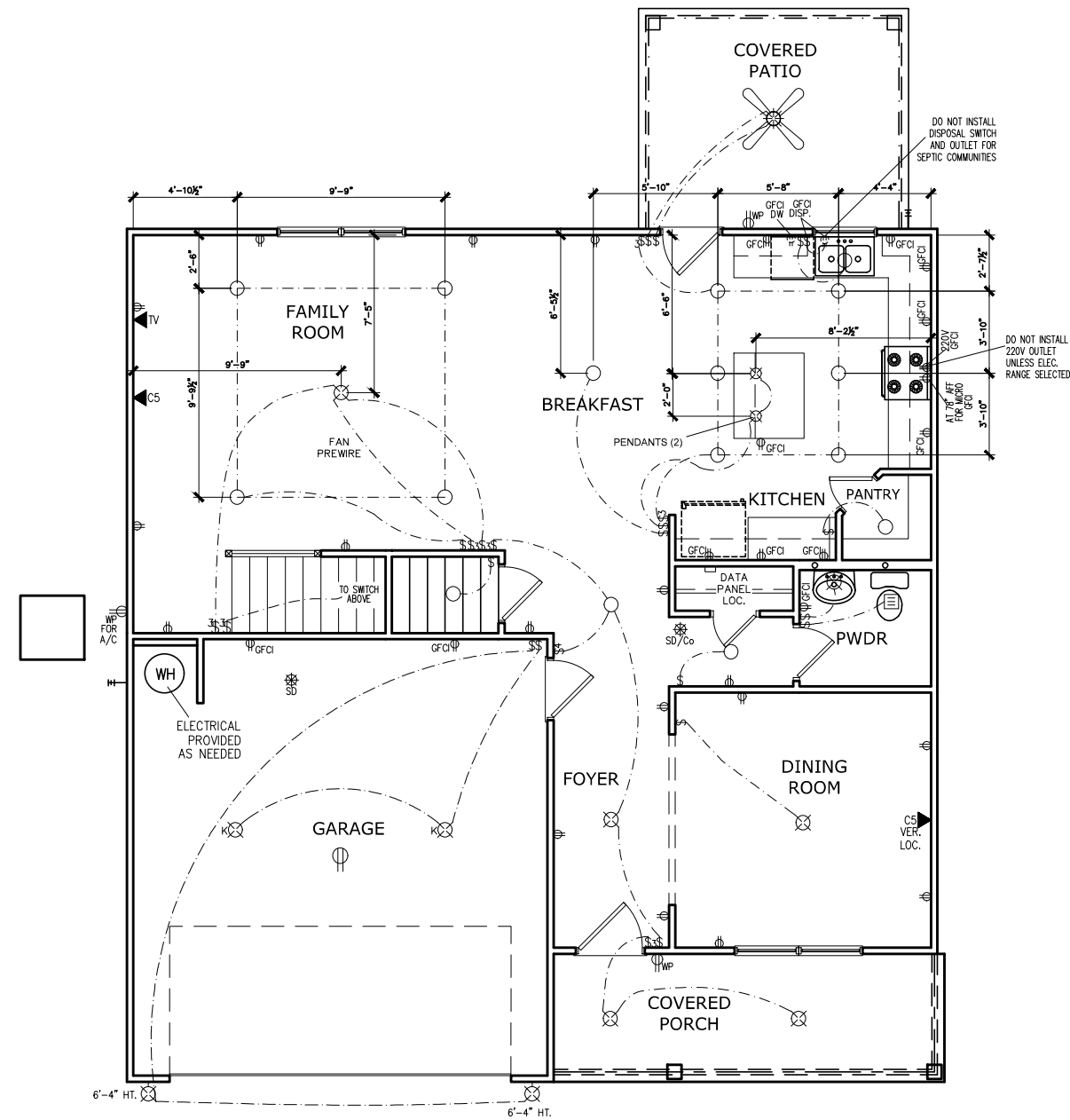
ROOF PLAN
ROOF PLAN
MCGINNIS

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: CLJ	CH: AW
DATE: 07-18-23	
FACADE OPT: B	
PLAN ID:	
FND: ALL	ELEV: E
PAGE NO: A6.1	

DUNCANS CROSSING LOT 33



FIRST FLOOR ELECTRICAL PLAN

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

ELECTRICAL LEGEND

\$	SWITCH	TV	TV
\$3	3 WAY SWITCH	⊕	120V RECEPTACLE
\$4	4 WAY SWITCH	⊕	120V SWITCHED RECEPTACLE
⊗	CEILING FIXTURE	⊕	220V RECEPTACLE
⊕	KEYLESS	⊕GFCI	GFCI OUTLET
⊗	WALL MOUNT FIXTURE	⊕IAFCI	ARCH FAULT CIRCUIT INTERRUPTER
⊕	CEILING FIXTURE	†GL	GAS LINE
●	FLEX CONDUIT	†WL	WATER LINE
CH	CHIMES	↓	HOSE BIBB
PH	TELEPHONE	⊕	FLOOD LIGHT
SD/Cc	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

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



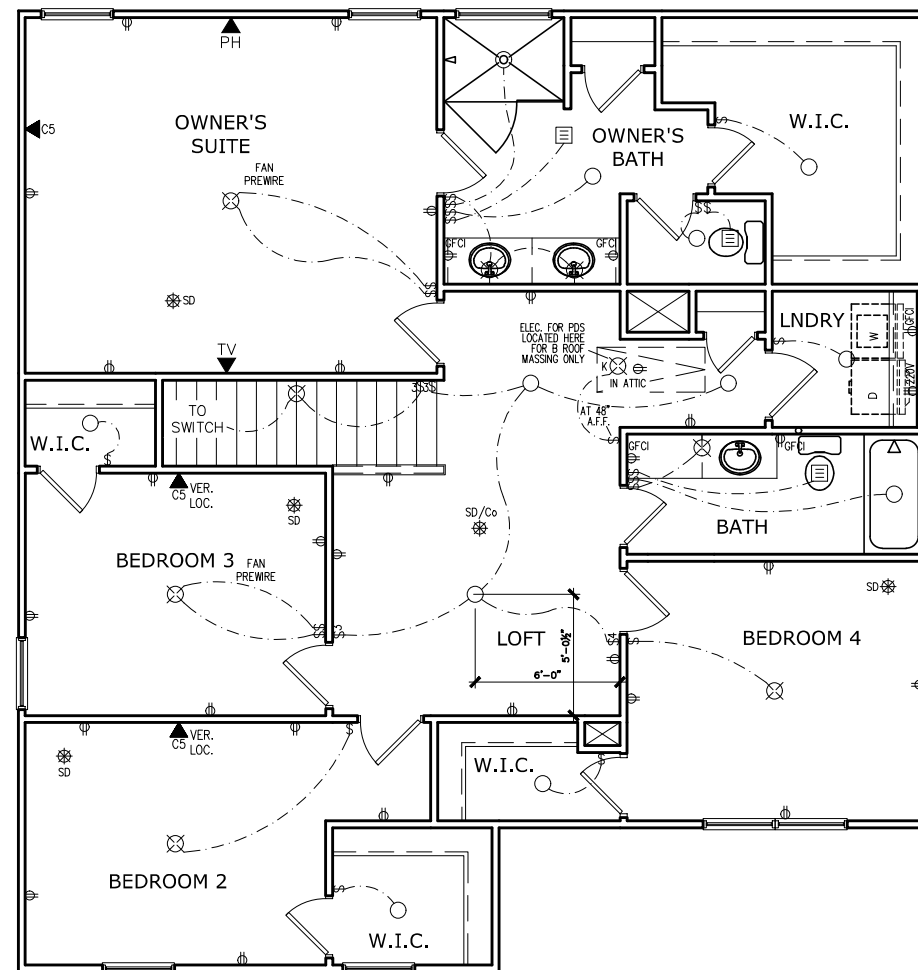
ELECTRICAL PLAN
FIRST FLOOR
MCGINNIS

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:	CLJ	CH:	AW
DATE:	07-18-23		
FACADE OPT:	B		
PLAN ID:			
FND:	ALL	ELEV:	E
PAGE NO:	A7.2		

DUNCANS CROSSING LOT 33



SECOND FLOOR ELECTRICAL PLAN

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

ELECTRICAL LEGEND

\$	SWITCH	TV	TV
\$3	3 WAY SWITCH	⊕	120V RECEPTACLE
\$4	4 WAY SWITCH	⊕	120V SWITCHED RECEPTACLE
⊗	CEILING FIXTURE	⊕	220V RECEPTACLE
⊕	KEYLESS	⊕ _{GFCI}	GFCI OUTLET
⊕	WALL MOUNT FIXTURE	⊕ _{AFCI}	ARCH FAULT CIRCUIT INTERRUPTER
○	CEILING FIXTURE	† _{GL}	GAS LINE
●	FLEX CONDUIT	† _{WL}	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

DATE	REVISION	BY	#



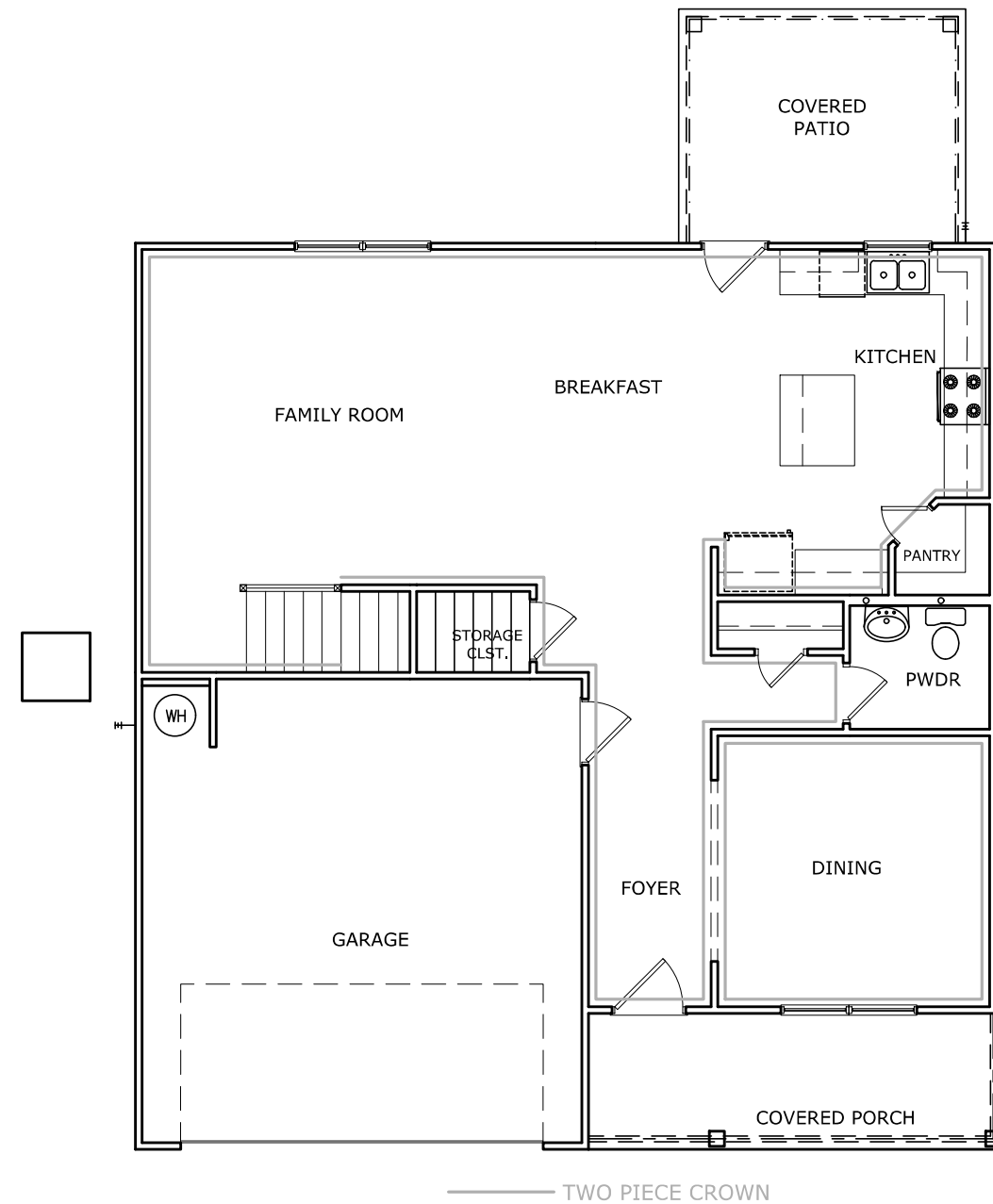
ELECTRICAL PLAN
SECOND FLOOR
MCGINNIS

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: CLJ	CH: AW
DATE: 07-18-23	
FACADE OPT: B	
PLAN ID:	
FND: ALL	ELEV: E
PAGE NO: A7.3	

DUNCANS CROSSING LOT 33



TRIM LAYOUT FIRST FLOOR PLAN

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

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

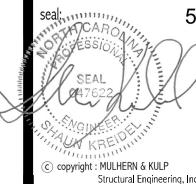


FLOOR PLAN
TRIM LAYOUT
MCGINNIS

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: CLJ	CH: AW
DATE: 07-18-23	
FACADE OPT: B	
PLAN ID:	
FND: ALL	BLV: E
PAGE NO: A8.1	



MULHERN+KULP
RESIDENTIAL STRUCTURAL ENGINEERING
3825 Matthews Parkway, Suite 105 - Alpharetta, GA 30022
770-777-8874 - mulhern@mulhernkulp.com

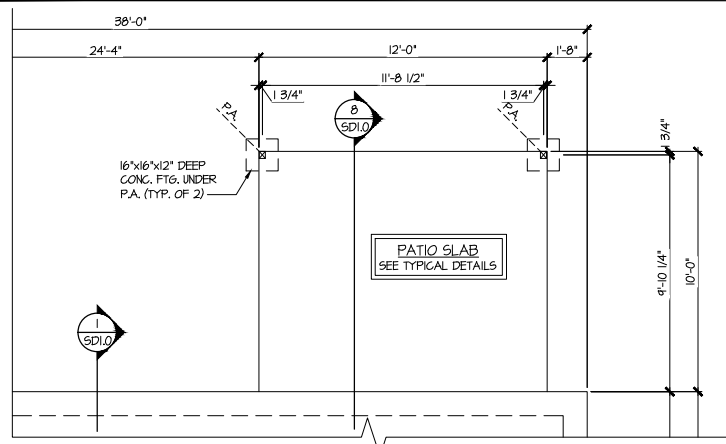
NC License # C-3825

Mulhern+Kulp project number:
256-21009
project mgr: **SMK**
drawn by: **MJF**
issue date: **10-26-2021**
REVISIONS:
date: initial:
11/22/21 **JPP**
REVISIONS ADDED

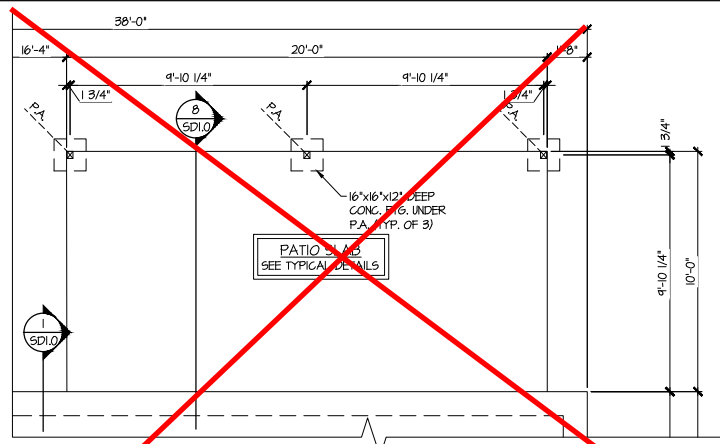
SMITH DOUGLAS
HOMES

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

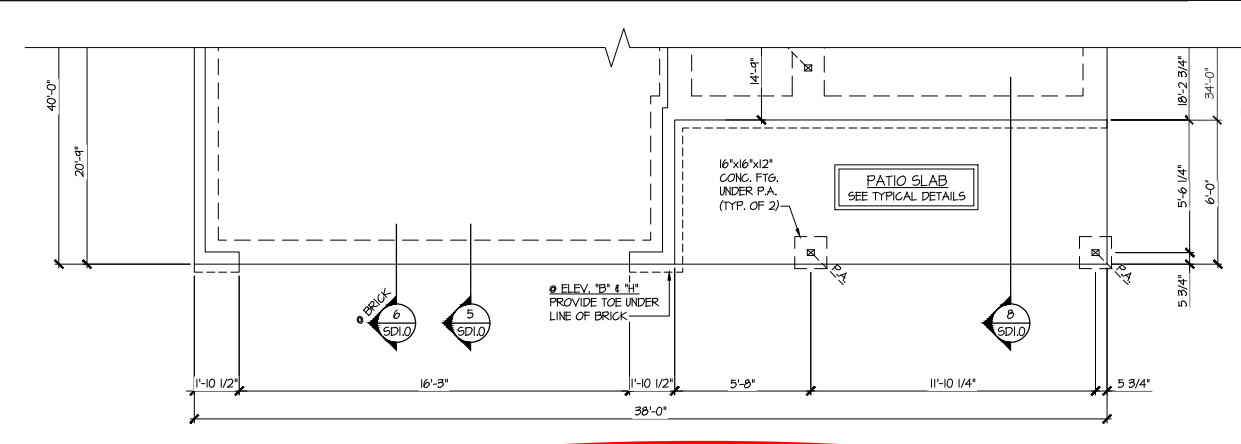
sheet:
S1.0M



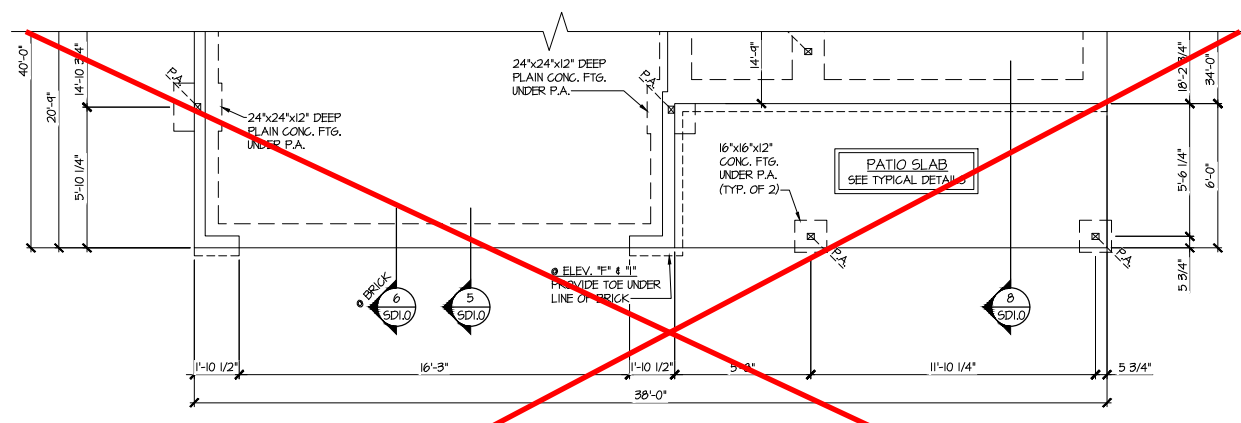
4 PARTIAL MONO-SLAB FOUNDATION PLAN
SCALE: 1/4"=1'-0" ON 22x34
1/8"=1'-0" ON 11x17
OPT. COVERED PORCH



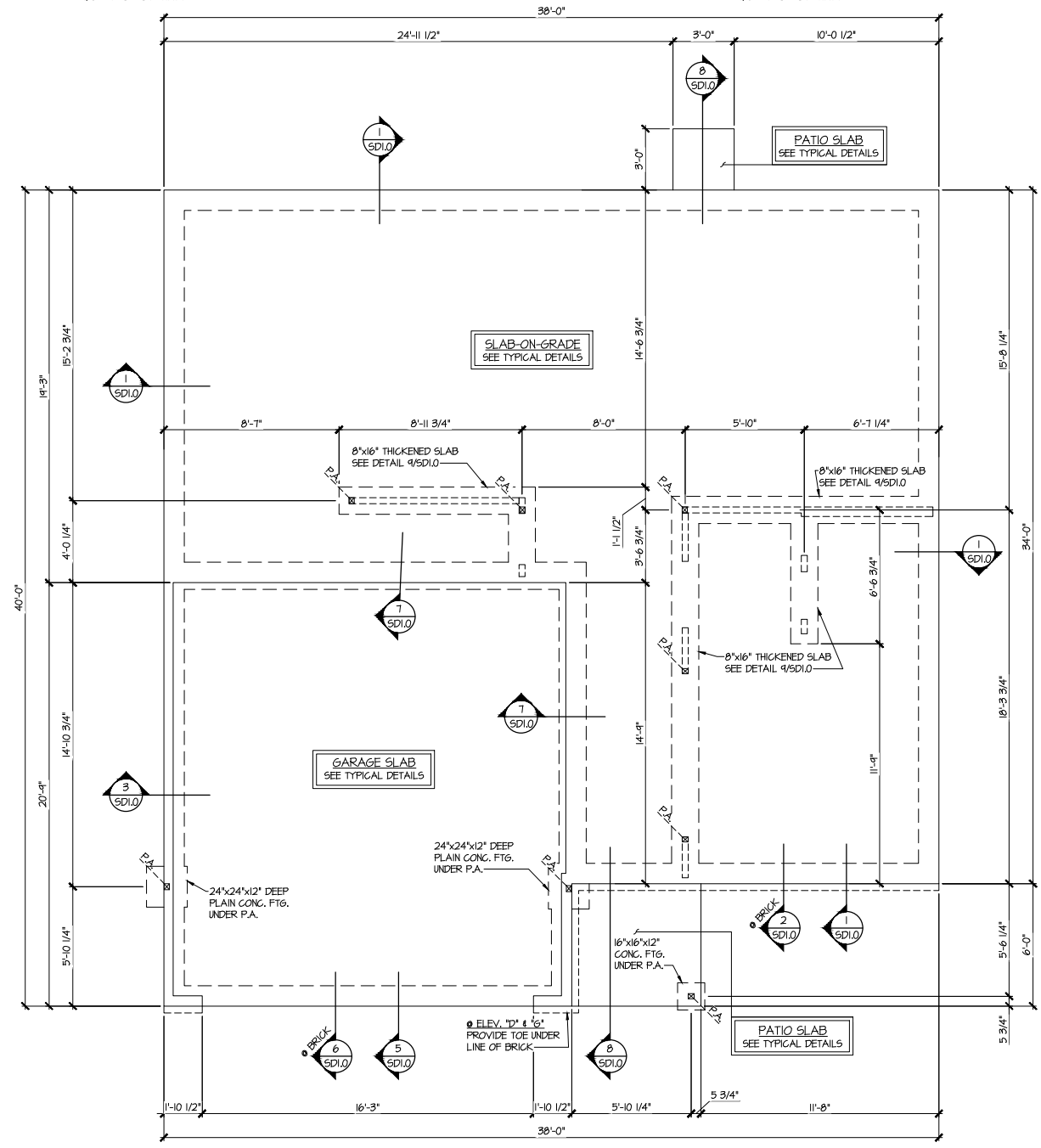
5 PARTIAL MONO-SLAB FOUNDATION PLAN
SCALE: 1/4"=1'-0" ON 22x34
1/8"=1'-0" ON 11x17
OPT. LARGE COVERED PORCH



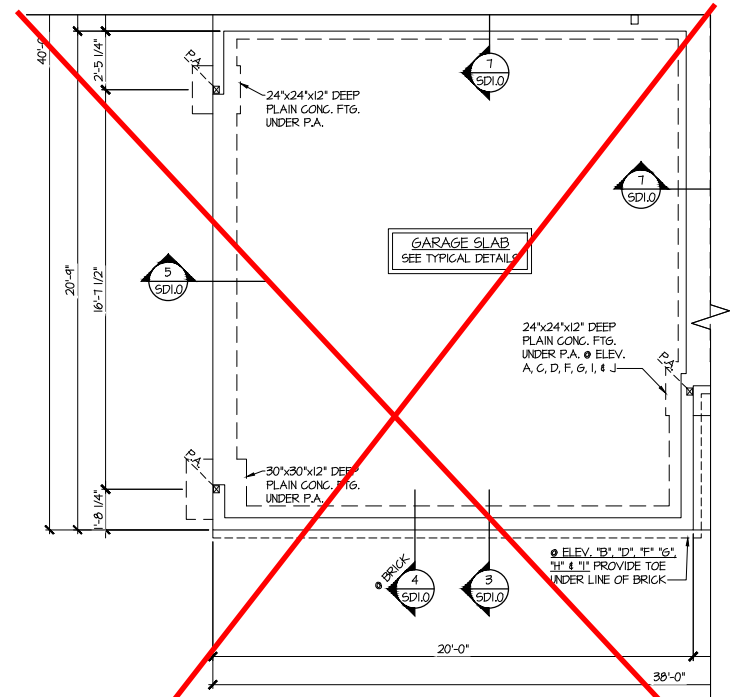
2 PARTIAL MONO-SLAB FOUNDATION PLAN
SCALE: 1/4"=1'-0" ON 22x34
1/8"=1'-0" ON 11x17
ELEV. B, E, H, & K



3 PARTIAL MONO-SLAB FOUNDATION PLAN
SCALE: 1/4"=1'-0" ON 22x34
1/8"=1'-0" ON 11x17
ELEV. C, F, & I



1 MONO-SLAB FOUNDATION PLAN
SCALE: 1/4"=1'-0" ON 22x34
1/8"=1'-0" ON 11x17
ELEV. A, D, G, & J



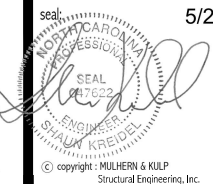
6 PARTIAL MONO-SLAB FOUNDATION PLAN
SCALE: 1/4"=1'-0" ON 22x34
1/8"=1'-0" ON 11x17
OPT. SIDE ENTRY GARAGE

**Duncans
Lot 33**

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

LEGEND

- R.T. INDICATES ROOF TRUSSES @ 24" O.C. PER ROOF. MANUF. (TYP. U.N.O.)
- O.F. 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)
- [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] JL METAL HANGER
- * INDICATES POST ABOVE (P.A.) PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE.



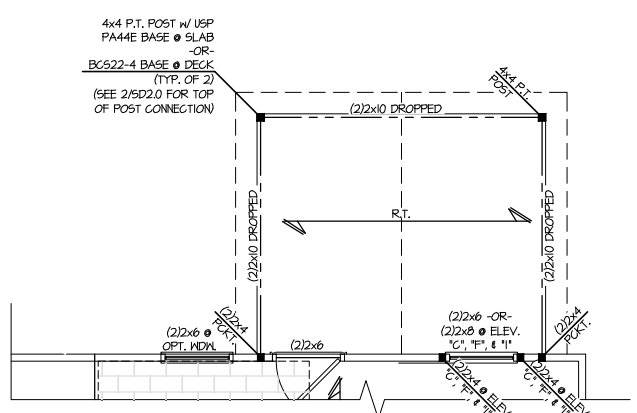
MULHERN+KULP
RESIDENTIAL STRUCTURAL ENGINEERING
3825 Matthews Parkway, Suite 105 - Alpharetta, GA 30022
770-777-8874 - mulhern+kulp.com
NC License # C-3825

Mulhern + Kulp project number:
256-21009
project mgr: **SMK**
drawn by: **MJF**
issue date: **10-26-2021**
REVISIONS:
date: initial:
11/22/21 JPP
REVISED PLANS ADDED

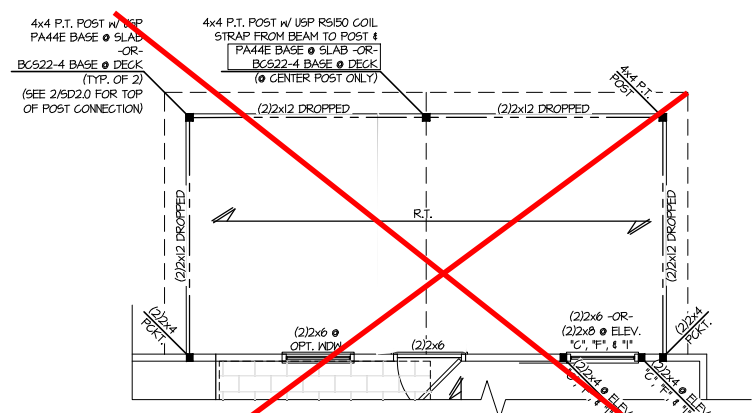
SMITH DOUGLAS
HOMES

2ND FLOOR FRAMING PLAN
MCGINNIS MODEL
120 MPH WIND ZONE
NORTH CAROLINA

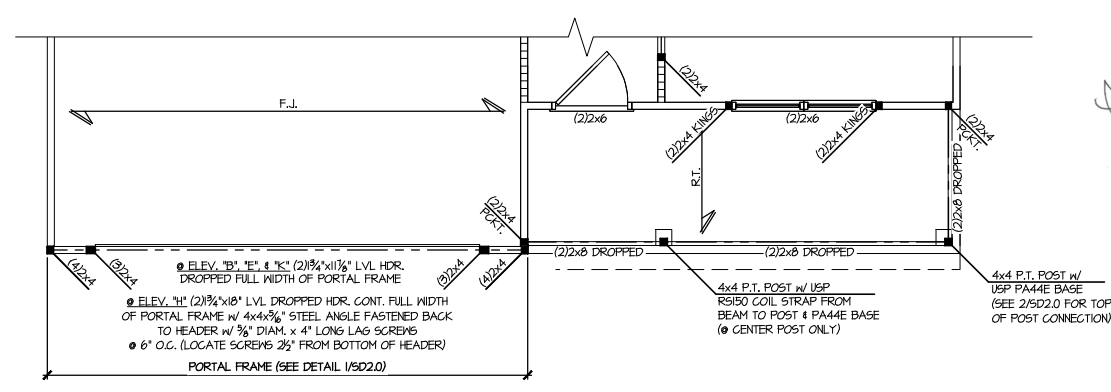
sheet:
S3.0M



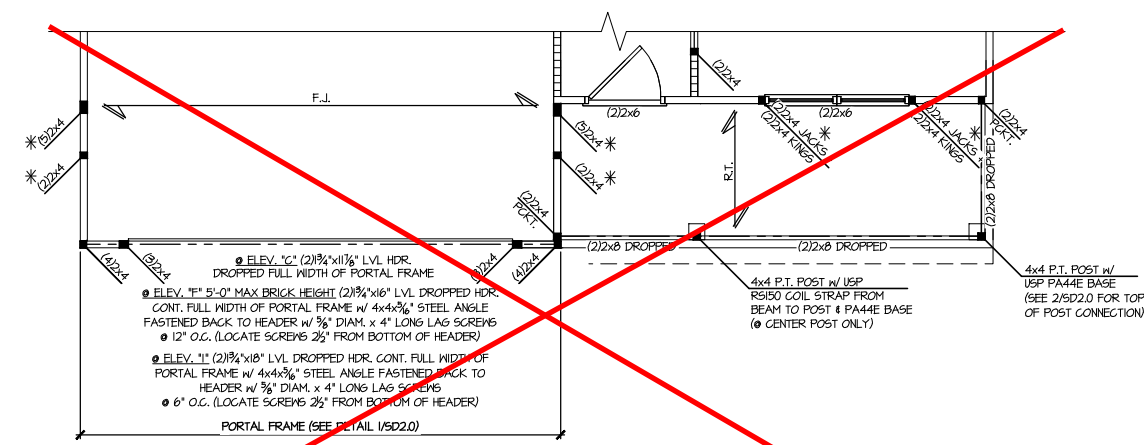
4 PARTIAL 2ND FLOOR FRAMING
SCALE: 1/4"=1'-0" ON 22x34
1/8"=1'-0" ON 11x17
OPT. COVERED PORCH



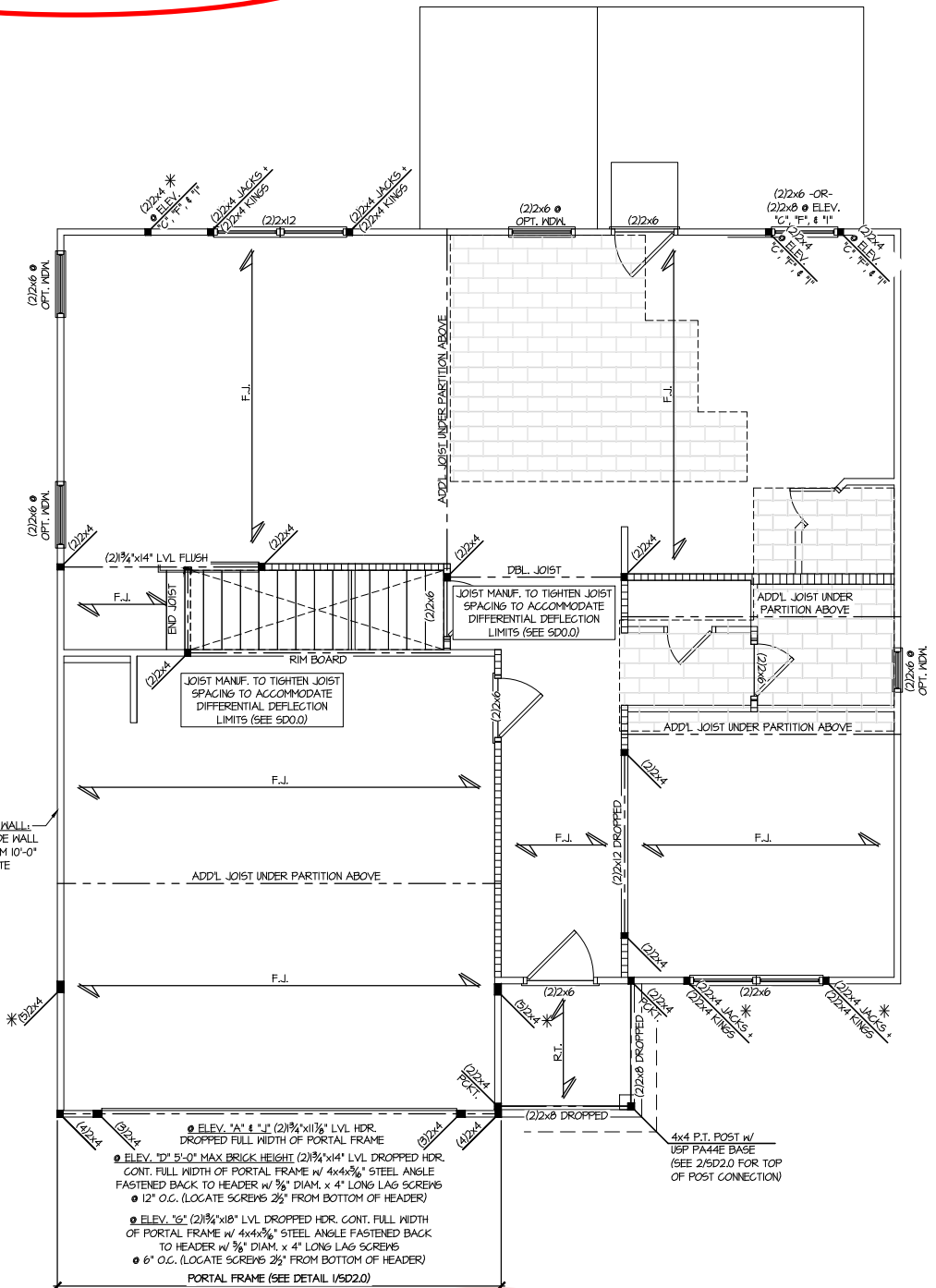
5 PARTIAL 2ND FLOOR FRAMING
SCALE: 1/4"=1'-0" ON 22x34
1/8"=1'-0" ON 11x17
OPT. LARGE COVERED PORCH



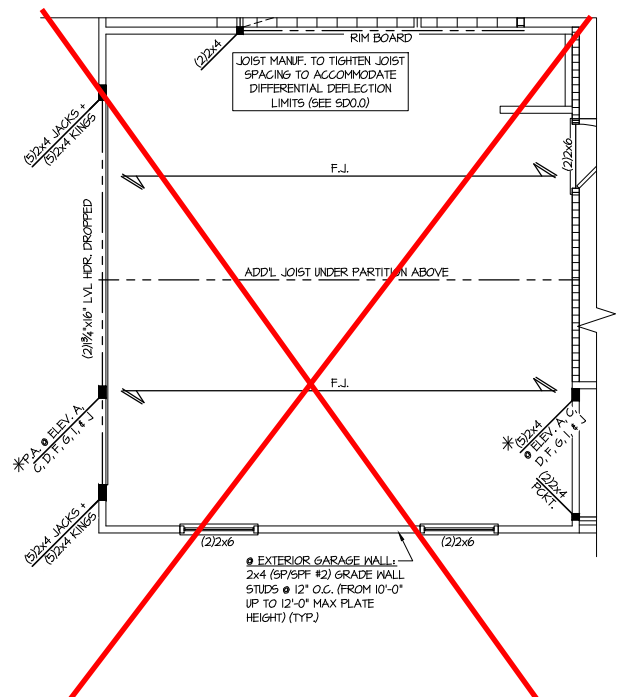
2 PARTIAL 2ND FLOOR FRAMING
SCALE: 1/4"=1'-0" ON 22x34
1/8"=1'-0" ON 11x17
ELEV. B, E, H, & K



3 PARTIAL 2ND FLOOR FRAMING
SCALE: 1/4"=1'-0" ON 22x34
1/8"=1'-0" ON 11x17
ELEV. C, T, & I



1 2ND FLOOR FRAMING
SCALE: 1/4"=1'-0" ON 22x34
1/8"=1'-0" ON 11x17
ELEV. A, B, C, D, E, F, G, H, I, J



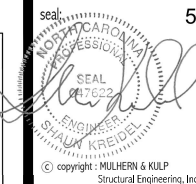
6 PARTIAL 2ND FLOOR FRAMING
SCALE: 1/4"=1'-0" ON 22x34
1/8"=1'-0" ON 11x17
OPT. SIDE ENTRY GARAGE

**Duncans
Lot 33**

REFER TO 50.0 FOR TYPICAL
STRUCTURAL NOTES & SCHEDULES
THIS LEVEL HAS BEEN DESIGNED
FOR 9'-1" PLATE HEIGHT

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)
- [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] JL METAL HANGER
- * INDICATES POST ABOVE (P.A.) PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE.



MULHERN+KULP
RESIDENTIAL STRUCTURAL ENGINEERING
3025 Matthews Parkway, Suite 105 - Alpharetta, GA 30022
978-777-8874 - mulhern+kulp.com
NC License # C-3825

Mulhern+Kulp project number:
256-21009
project mgr: **SMK**
drawn by: **MJF**
issue date: **10-26-2021**
REVISIONS:
date: **11/22/21** initial: **JPP**
ISSUED PLANS ADDED

SMITH DOUGLAS
HOMES

1ST FLOOR WALL BRACING PLAN
MCGINNIS MODEL
120 MPH WIND ZONE
NORTH CAROLINA

sheet:
S3.0ML

LATERAL/WALL BRACING & WALL SHEATHING SPECIFICATIONS

THIS MODEL HAS BEEN DESIGNED TO RESIST LATERAL FORCES RESULTING FROM:
120MPH WIND IN 2018 NCSBG: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 NCSBG:RC & 2018 IRC. IF THE PARAMETERS OF SECTION R602.12 COMPLY. ACCORDINGLY, THIS MODEL, AS DOCUMENTED AND DETAILED HEREWITHIN, 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 NCSBG:RC & 2018 IRC SECTION R802.11.1.1. THIS MODEL HAS BEEN DETAILED WHERE REQUIRED & ENGINEERED TO RESIST THE WIND UPLIFT LOAD PATH PER SECTIONS R602.3.5 & R802.11.

EXT. WALL SHEATHING SPECIFICATION

- 7/16" OSB OR 15/32" PLYWOOD:
FASTEN SHEATHING w/ 2 3/8"x0.113 NAILS @ 6" O.C. AT EDGES & @ 12" O.C. IN THE PANEL FIELD. (TYP. UNO.)
- 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.
- ALL EXT. WALLS SHALL BE CONTINUOUSLY SHEATHED AND ARE CONSIDERED SHEAR WALLS.
- ALT. STAPLE CONNECTION SPEC: 1 3/4" 16 GA STAPLES (1/4" CROWN) @ 3" O.C. AT EDGES & @ 6" O.C. IN FIELD.

3" O.C. EDGE NAILING

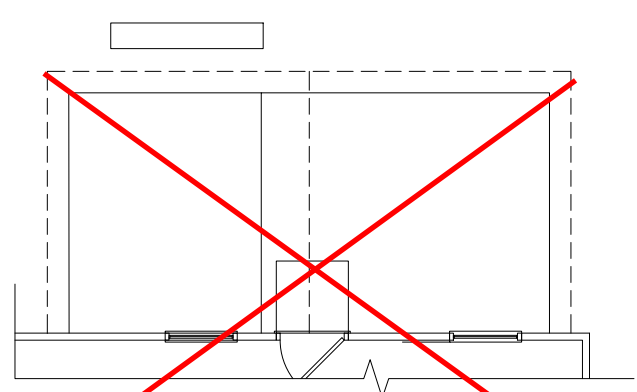
- AT DESIGNATED AREAS - FASTEN PANEL EDGES OF WOOD STRUCTURAL WALL SHEATHING TO FRAMING w/ 2 3/8" x 0.113" NAILS @ 3" O.C. AND 12" O.C. IN THE PANEL FIELD. NO STAPLE ALTERNATIVE AVAILABLE AT THIS SPEC. ALL SHEATHING PANELS SHALL BE ORIENTED VERTICALLY (LONG DIRECTION PARALLEL TO STUD) AND INSTALLED FULL HEIGHT OF SHEAR WALL - OR - 2x HORIZONTAL BLOCKING SHALL BE PROVIDED TO SUPPORT UNSUPPORTED PANEL EDGES AND 3" O.C. EDGE FASTENING.

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 SPACINGS, UNO.
- ALL STRUCTURAL PANELS ARE TO BE DIRECTLY APPLIED TO STUD FRAMING.
- PRE-MANUFACTURED PANELIZED WALLS: FASTEN TOGETHER END STUDS OF WALL PANELS SHEATHED w/ OSB OR PLYWOOD w/ 3" x 0.120" NAILS @ 4" O.C. (THRU ONE SIDE ONLY)

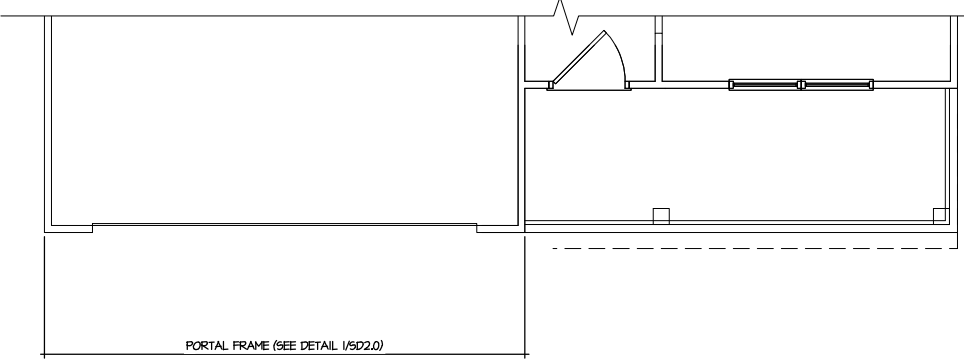
--- INDICATES EXTENT OF INT. OSB SHEARWALL, AND/OR 3" O.C. EDGE NAILING

▶ INDICATES HOLDDOWN

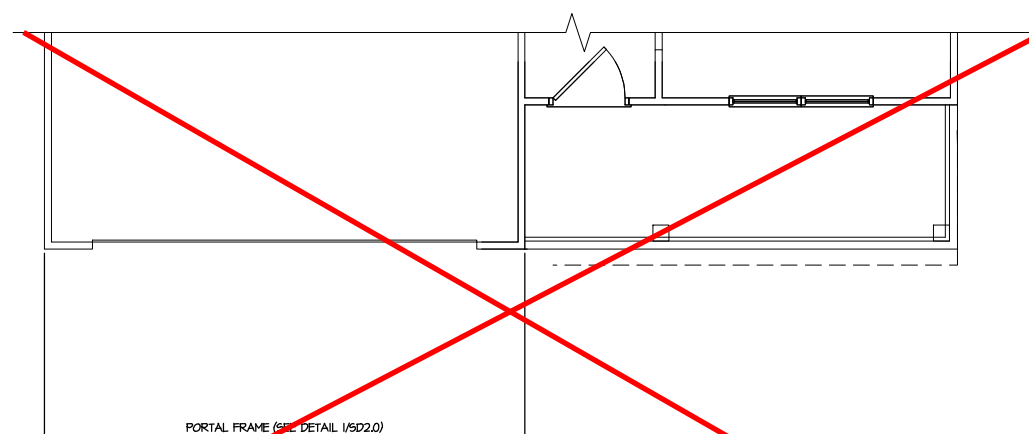


1 PARTIAL 1ST FLOOR WALL BRACING
SCALE: 1/4"=1'-0" ON 22x34
1/8"=1'-0" ON 11x17
OPT. LARGE COVERED PORCH

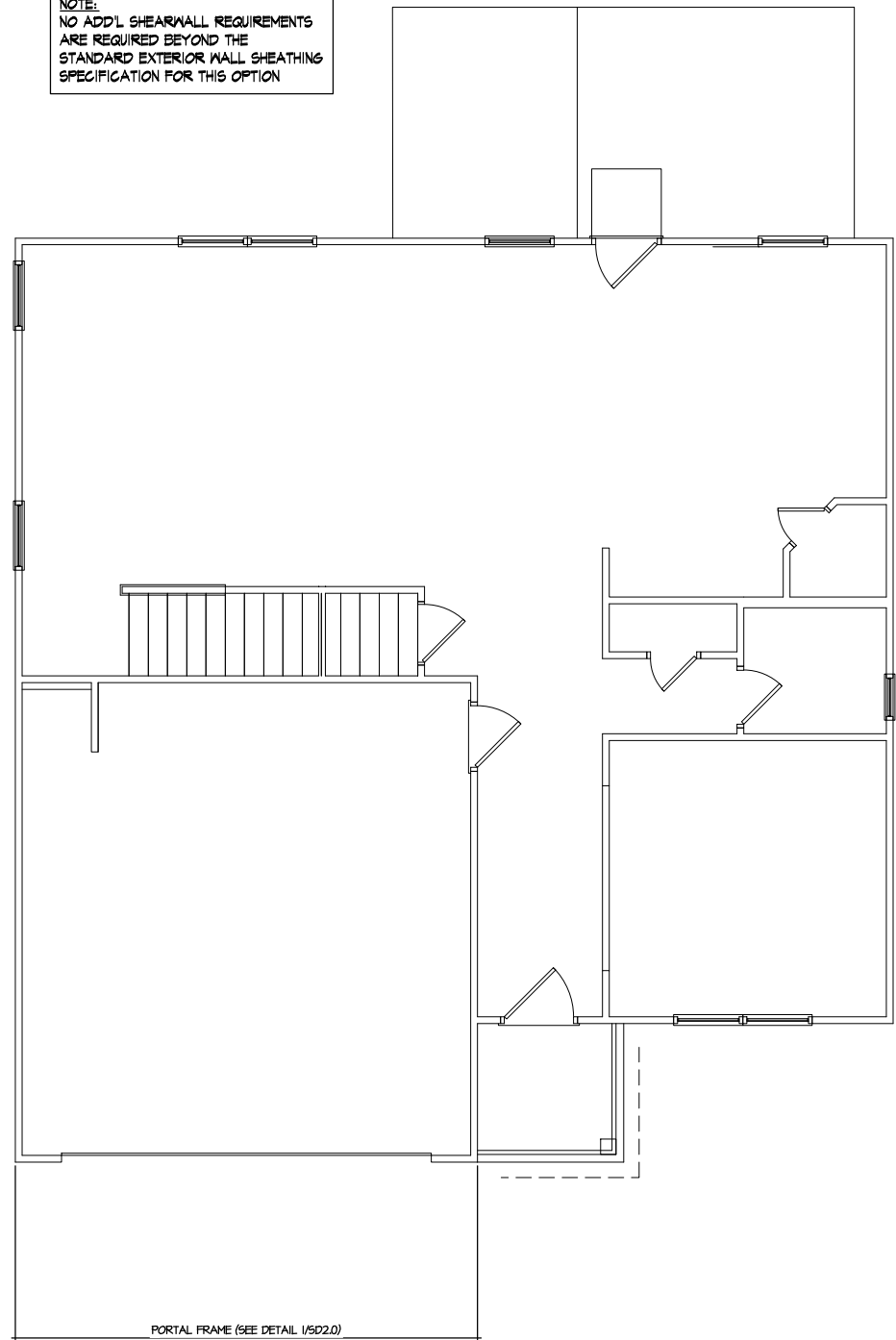
NOTE:
NO ADD'L SHEARWALL REQUIREMENTS ARE REQUIRED BEYOND THE STANDARD EXTERIOR WALL SHEATHING SPECIFICATION FOR THIS OPTION



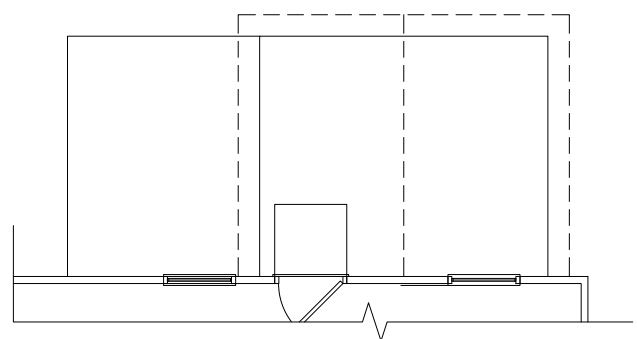
2 PARTIAL 1ST FLOOR WALL BRACING
SCALE: 1/4"=1'-0" ON 22x34
1/8"=1'-0" ON 11x17
ELEV. B, E, H, & K



3 PARTIAL 1ST FLOOR WALL BRACING
SCALE: 1/4"=1'-0" ON 22x34
1/8"=1'-0" ON 11x17
ELEV. C, F, & J

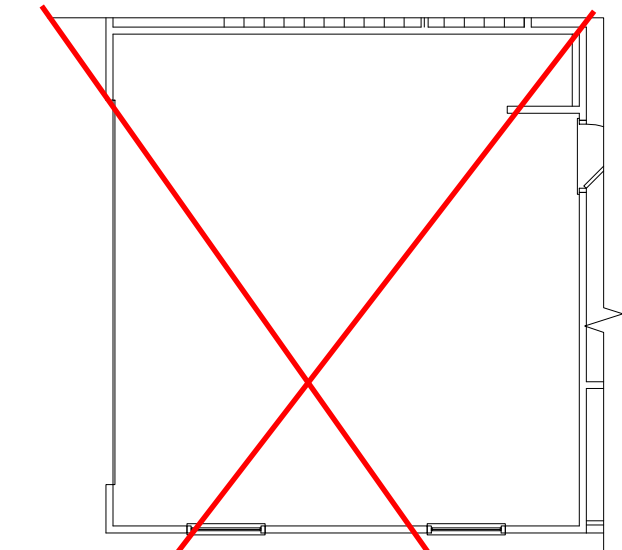


4 1ST FLOOR WALL BRACING
SCALE: 1/4"=1'-0" ON 22x34
1/8"=1'-0" ON 11x17
ELEV. A, D, G, & I



4 PARTIAL 1ST FLOOR WALL BRACING
SCALE: 1/4"=1'-0" ON 22x34
1/8"=1'-0" ON 11x17
OPT. COVERED PORCH

NOTE:
NO ADD'L SHEARWALL REQUIREMENTS ARE REQUIRED BEYOND THE STANDARD EXTERIOR WALL SHEATHING SPECIFICATION FOR THIS OPTION



5 PARTIAL 1ST FLOOR WALL BRACING
SCALE: 1/4"=1'-0" ON 22x34
1/8"=1'-0" ON 11x17
OPT. SIDE ENTRY GARAGE

NOTE:
NO ADD'L SHEARWALL REQUIREMENTS ARE REQUIRED BEYOND THE STANDARD EXTERIOR WALL SHEATHING SPECIFICATION FOR THIS OPTION

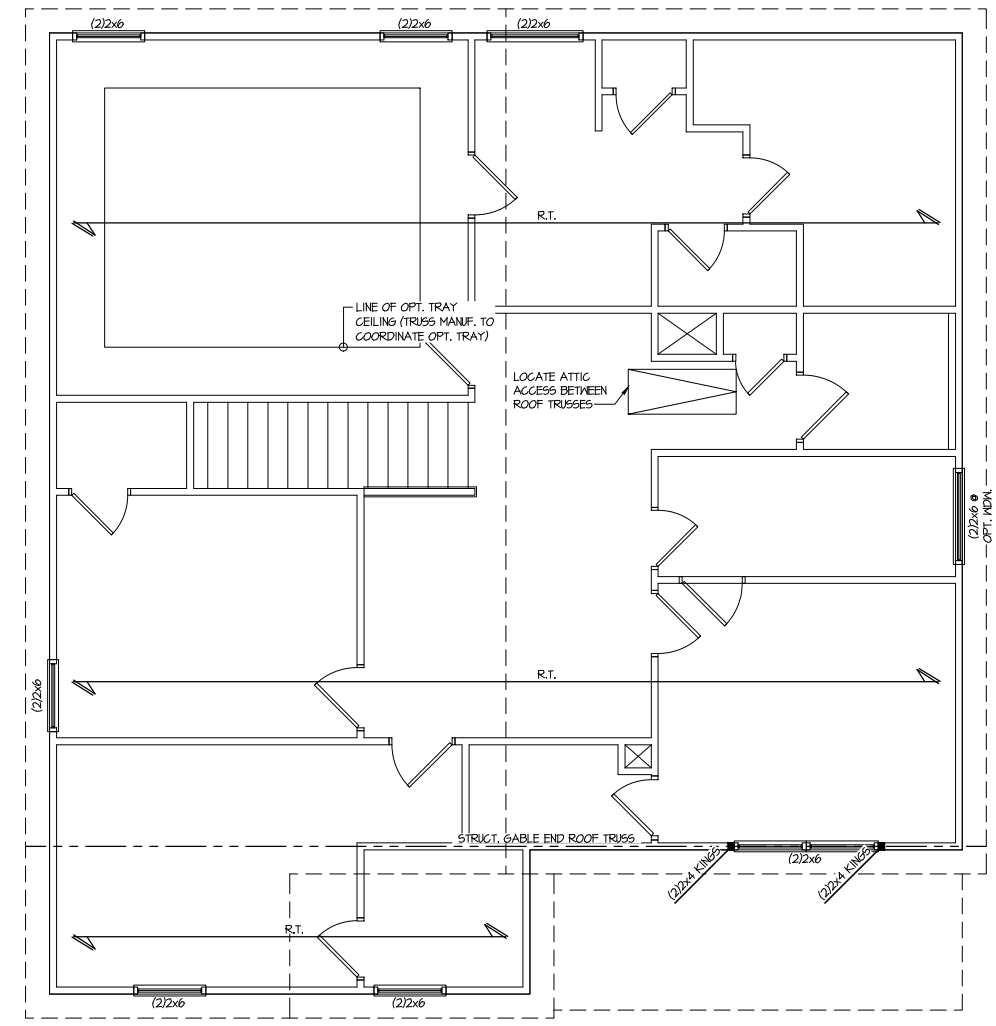
Duncans Lot 33

REFER TO 50.0 FOR TYPICAL STRUCTURAL NOTES & SCHEDULES

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

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
- J.L. METAL HANGER
- * INDICATES POST ABOVE (P.A.) PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE.



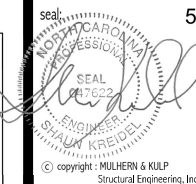
Duncans
 Lot 33

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

REFER TO S0.0 FOR TYPICAL STRUCTURAL NOTES & SCHEDULES

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

LEGEND	
	INDICATES ROOF TRUSSES @ 24" O.C. PER ROOF MANUF. (TYP. UNO.)
	INDICATES TRUSS OVERFRAMING @ 24" O.C. (TYP. UNO.)
	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.



MULHERN+KULP
RESIDENTIAL STRUCTURAL ENGINEERING
3825 S. University Parkway, Suite 105 - Alpharetta, GA 30022
770-777-8874 - mulhern@mulhernkulp.com



Mulhern+Kulp project number:
256-21009
project mgr: **SMK**
drawn by: **MJF**
issue date: **10-26-2021**
REVISIONS:
date: **11/22/21** initial: **JPP**
REVISIONS ADDED

SMITH DOUGLAS
HOMES

2ND FLOOR WALL BRACING PLAN
MCGINNIS MODEL
120 MPH WIND ZONE
NORTH CAROLINA

sheet:
S4.1ML

LATERAL/WALL BRACING & WALL SHEATHING SPECIFICATIONS

THIS MODEL HAS BEEN DESIGNED TO RESIST LATERAL FORCES RESULTING FROM:
120MPH WIND IN 2018 NCSBG: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 NCSBG:RC & 2018 IRC. IF THE PARAMETERS OF SECTION R602.12 COMPLY. ACCORDINGLY, THIS MODEL, AS DOCUMENTED AND DETAILED HEREWITHIN, 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 NCSBG:RC & 2018 IRC SECTION R802.11.1.1. THIS MODEL HAS BEEN DETAILED WHERE REQUIRED & ENGINEERED TO RESIST THE WIND UPLIFT LOAD PATH PER SECTIONS R602.3.5 & R802.11.
MK STD. - MAR 2016

EXT. WALL SHEATHING SPECIFICATION

- 7/16" OSB OR 15/32" PLYWOOD:
FASTEN SHEATHING w/ 2 3/8"x0.113 NAILS @ 6" O.C. AT EDGES & @ 12" O.C. IN THE PANEL FIELD. (TYP. U.N.O.)
- 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.
- ALL EXT. WALLS SHALL BE CONTINUOUSLY SHEATHED AND ARE CONSIDERED SHEAR WALLS.
- ALT. STAPLE CONNECTION SPEC: 1 3/4" 16 GA STAPLES (1/4" CROWN) @ 3" O.C. AT EDGES & @ 6" O.C. IN FIELD.

3" O.C. EDGE NAILING

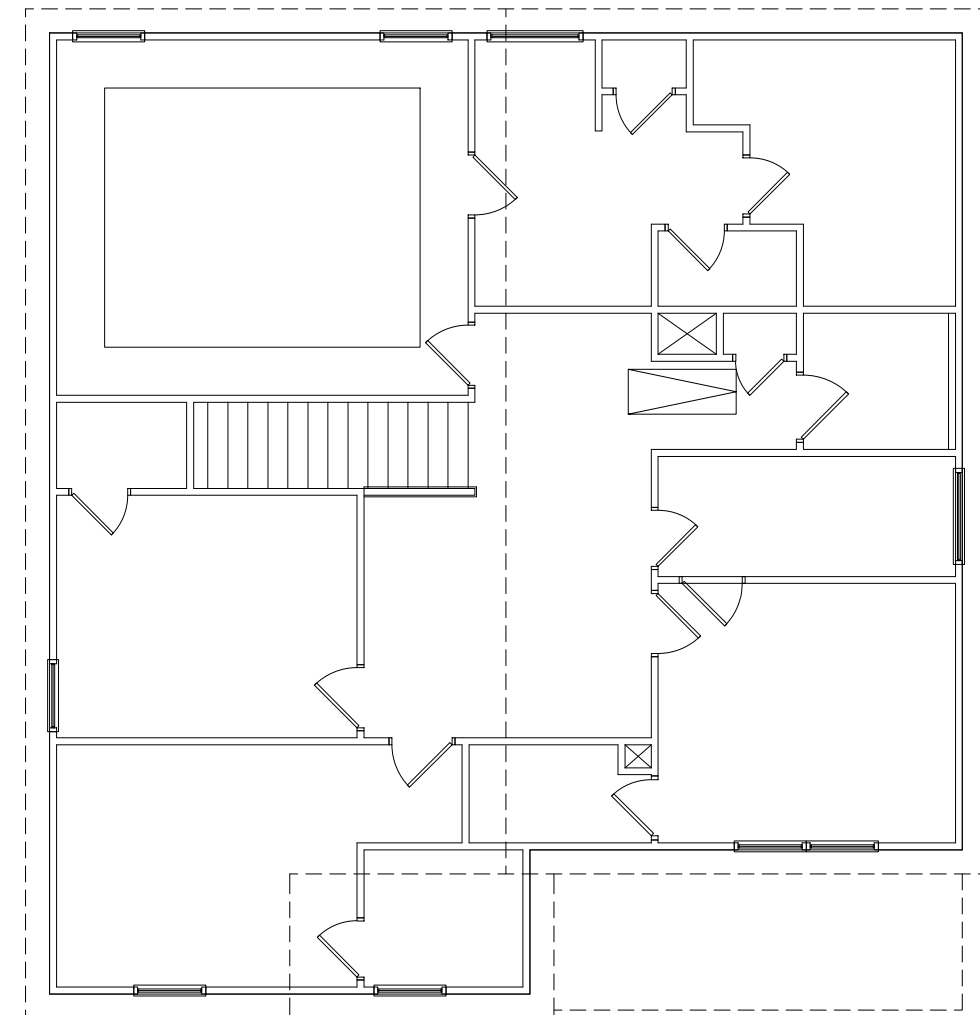
- AT DESIGNATED AREAS - FASTEN PANEL EDGES OF WOOD STRUCTURAL WALL SHEATHING TO FRAMING w/ 2 3/8" x 0.113" NAILS @ 3" O.C. AND 12" O.C. IN THE PANEL FIELD. NO STAPLE ALTERNATIVE AVAILABLE AT THIS SPEC. ALL SHEATHING PANELS SHALL BE ORIENTED VERTICALLY (LONG DIRECTION PARALLEL TO STUD) AND INSTALLED FULL HEIGHT OF SHEAR WALL - OR - 2x HORIZONTAL BLOCKING SHALL BE PROVIDED TO SUPPORT UNSUPPORTED PANEL EDGES AND 3" O.C. EDGE FASTENING.

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.
- PRE-MANUFACTURED PANELIZED WALLS: FASTEN TOGETHER END STUDS OF WALL PANELS SHEATHED w/ OSB OR PLYWOOD w/ 3" x 0.120" NAILS @ 4" O.C. (THRU ONE SIDE ONLY)

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

▶ INDICATES HOLDDOWN
MK STD. - MAR 2016



NOTE:
NO ADD'L SHEARWALL REQUIREMENTS ARE REQUIRED BEYOND THE STANDARD EXTERIOR WALL SHEATHING SPECIFICATION FOR THIS ELEVATION

2ND FLOOR WALL BRACING PLAN
SCALE: 1/4"=1'-0" ON 22x34
1/8"=1'-0" ON 11x17
ELEV. B, E, H, & K

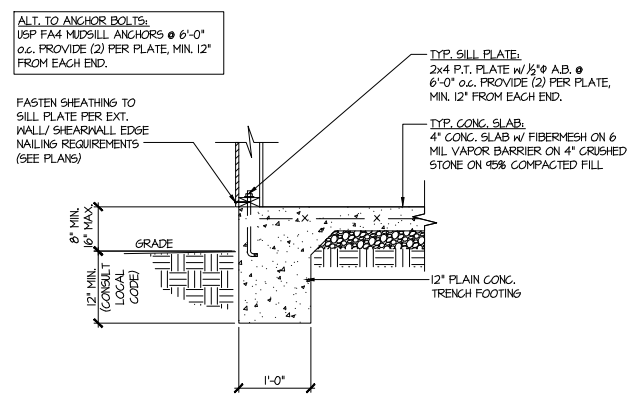
**Duncans
Lot 33**

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

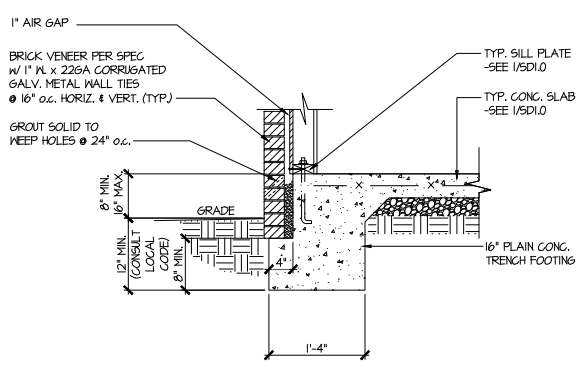
REFER TO S0.0 FOR TYPICAL STRUCTURAL NOTES & SCHEDULES

LEGEND

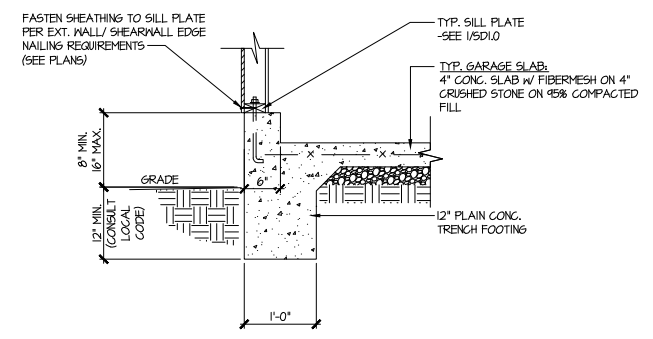
- R.T. INDICATES ROOF TRUSSES @ 24" O.C. PER ROOF. MANIF. (TYP. U.N.O.)
- O.F. INDICATES TRUSS OVERFRAMING @ 24" O.C. (TYP. U.N.O.)
- F.J. INDICATES 14" DEEP FLOOR I-JOISTS (24" O.C. MAX SPACING). JOIST SERIES AND SPACING SHALL BE THE RESPONSIBILITY OF THE JOIST MANUFACTURER
- D.J. INDICATES 2x8 P.T.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



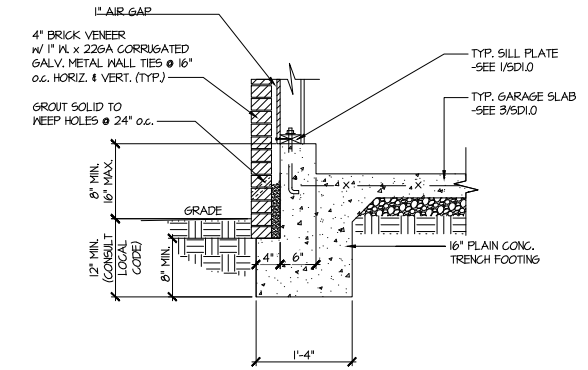
1 TYPICAL SLAB ON GRADE PERIMETER FOOTING



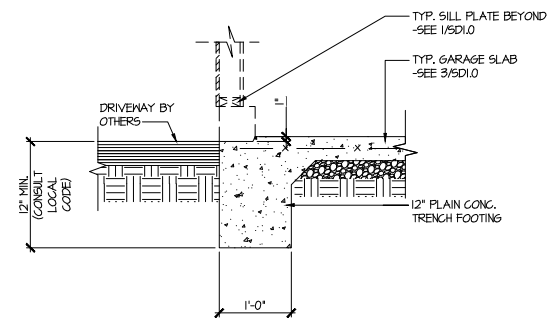
2 TYPICAL SLAB ON GRADE PERIMETER FOOTING w/ BRICK VENEER



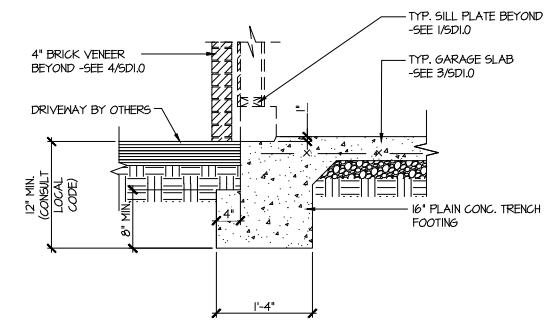
3 TYPICAL SLAB ON GRADE GARAGE PERIMETER FOOTING



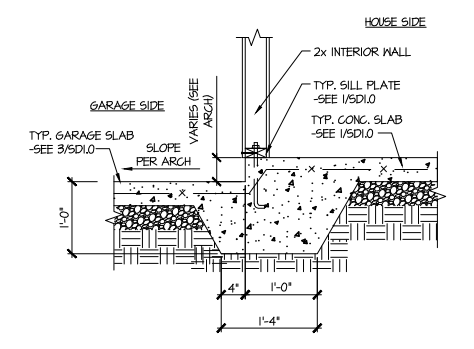
4 TYPICAL SLAB ON GRADE GARAGE PERIMETER FOOTING w/ BRICK VENEER



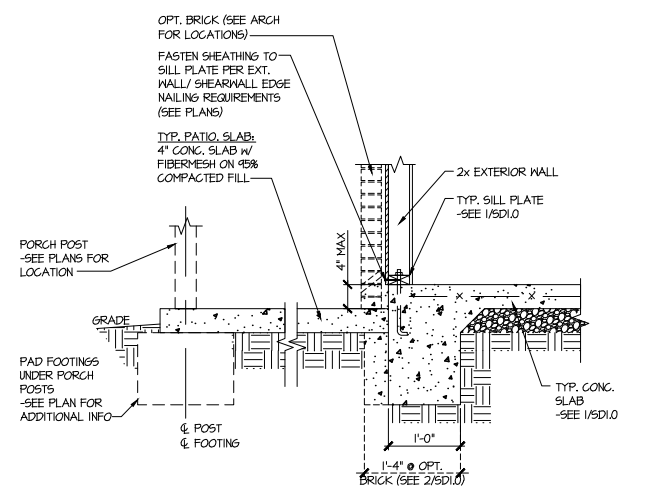
5 TYPICAL SLAB ON GRADE GARAGE ENTRY @ PERIMETER FOOTING



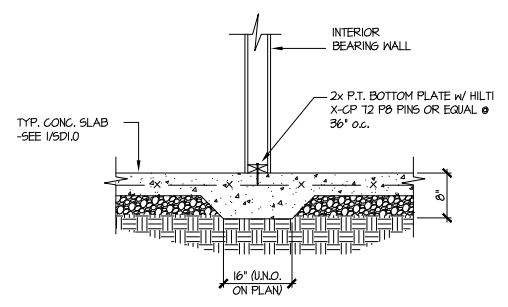
6 TYPICAL SLAB ON GRADE GARAGE ENTRY @ PERIMETER FOOTING w/ BRICK VENEER



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
 3025 Sandhills Parkway, Suite 105 - Alpharetta, GA 30022
 770-777-8974 - mulhern+kulp.com
 NC License # C-3825

Mulhern+Kulp project number:
 256-21009

project mgr: SMK
 drawn by: MJF
 issue date: 10-26-2021

REVISIONS:

date:	initial:
11/22/21	JPP
MISSED PLANS ADDED	

SMITH DOUGLAS
 HOMES

FOUNDATION DETAILS
 MCGINNIS MODEL
 120 MPH WIND ZONE
 NORTH CAROLINA

Duncans
 Lot 33

sheet:
SD1.0

Mulhern+Kulp project number:
256-21009

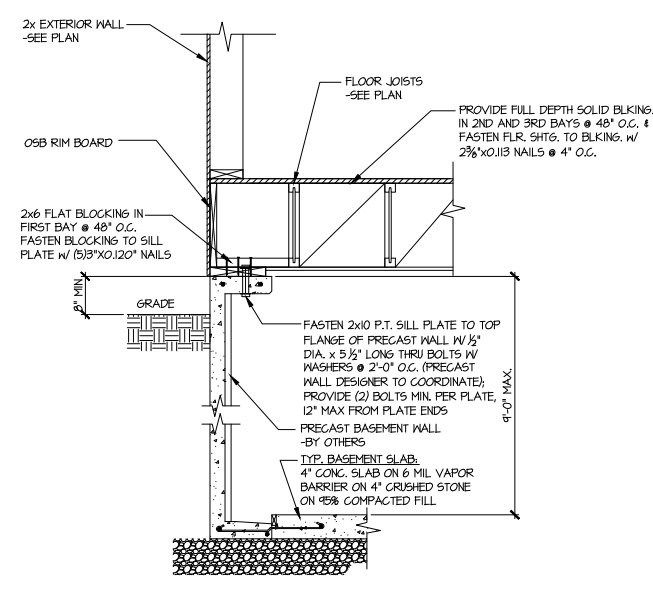
project mgr: **SMK**
 draw by: **MJF**
 issue date: **10-26-2021**

REVISIONS:

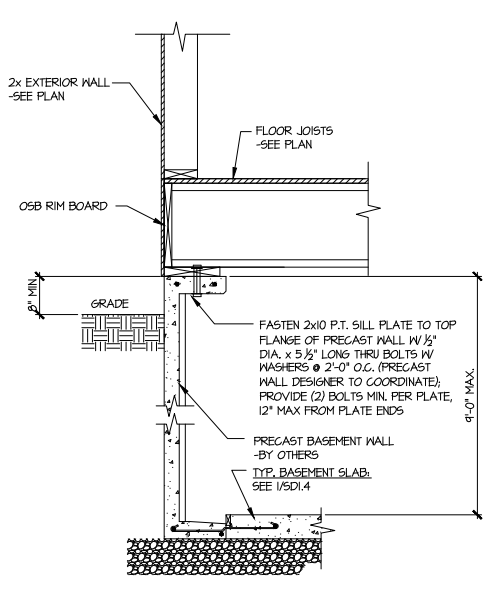
date:	initial:
11/22/21	JPP
PROPOSED PLANS ADDED	

SMITH DOUGLAS
 HOMES

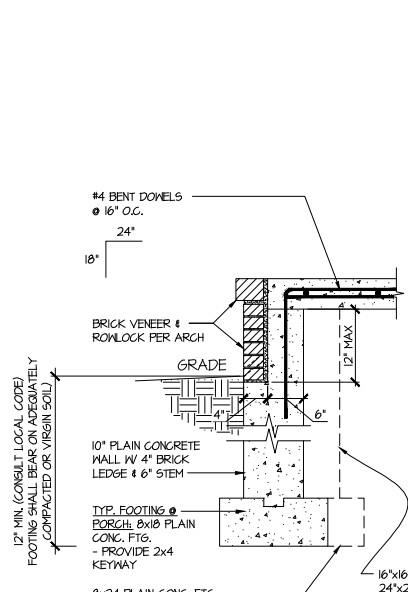
FOUNDATION DETAILS
MCGINNIS MODEL
 120 MPH WIND ZONE
 NORTH CAROLINA



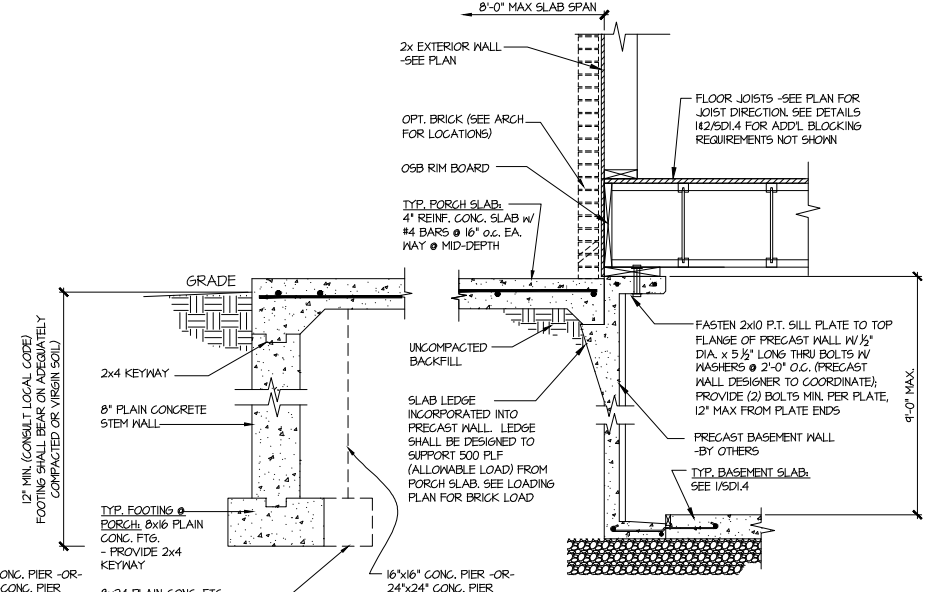
1 SECTION
 SCALE: 3/4"=1'-0"



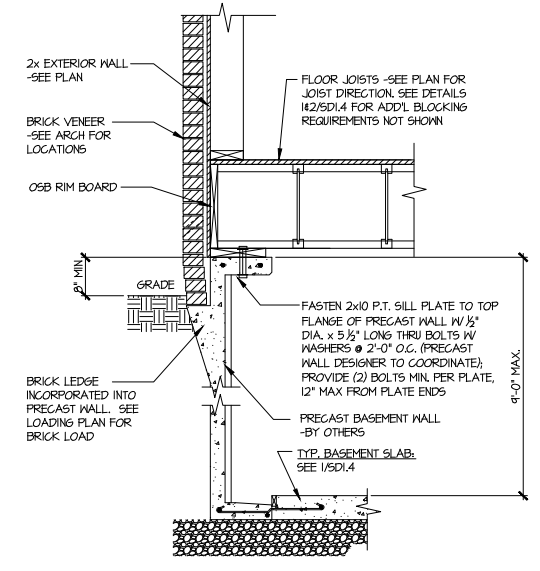
1A SECTION
 SCALE: 3/4"=1'-0"



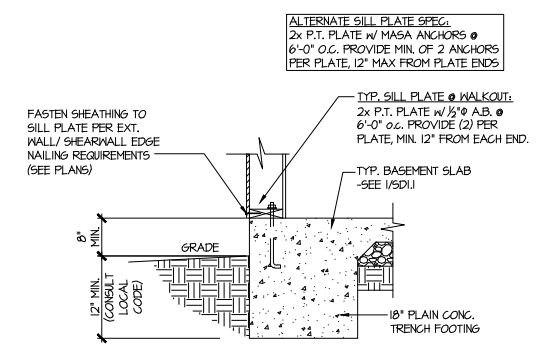
3 SECTION
 SCALE: 3/4"=1'-0"



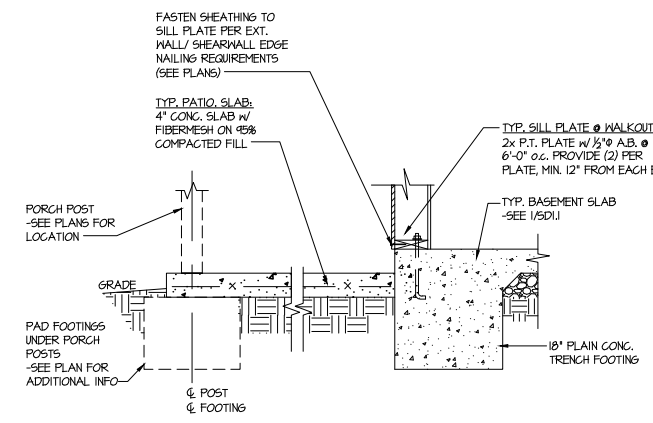
3 SECTION
 SCALE: 3/4"=1'-0"



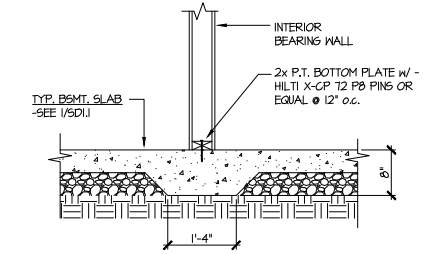
2 SECTION
 SCALE: 3/4"=1'-0"



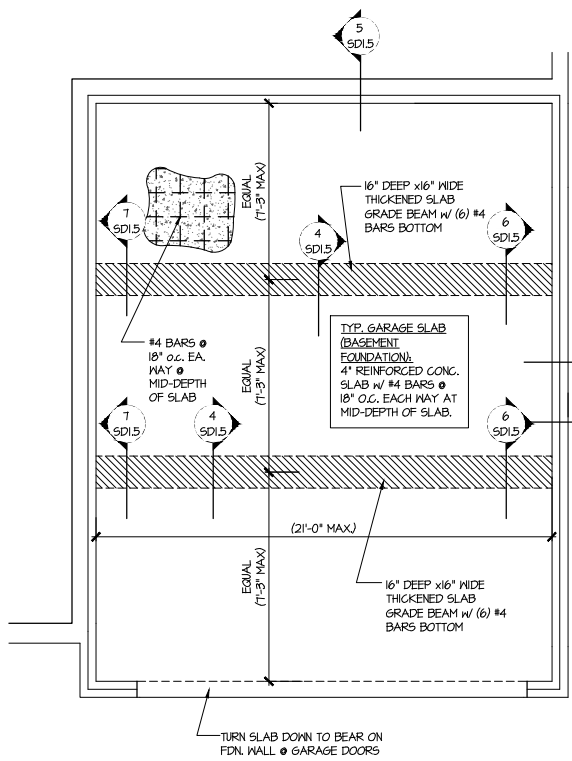
4 TYPICAL BASEMENT FOUNDATION @ WALKOUT



5 TYPICAL BASEMENT FOUNDATION @ WALKOUT



6 TYPICAL THICKENED SLAB @ INTERIOR BEARING WALL



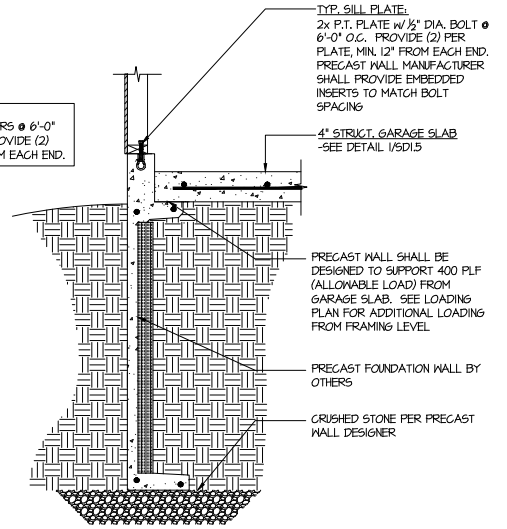
1 **GENERIC FOUNDATION PLAN KEY @ GARAGE**
 SCALE: 1/4"=1'-0"

ALT. TO BOLTS:
 USP FA4 MIDSILL ANCHORS @ 6'-0"
 o.c. OR EQUIVALENT. PROVIDE (2)
 PER PLATE, MIN. 12" FROM EACH END.

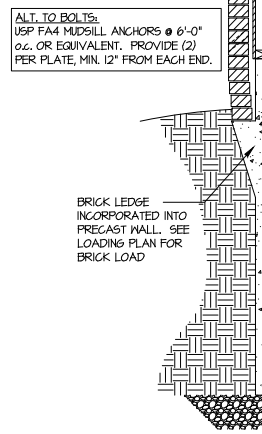
2 SD1.5 @ NON-BRICK
 3 SD1.5 @ BRICK

SLAB THICKNESS
 SHOWN IS MIN.
 THICKNESS REQ'D -
 SLOPE OF SLAB SHALL
 NOT COMPROMISE MIN.
 THICKNESS

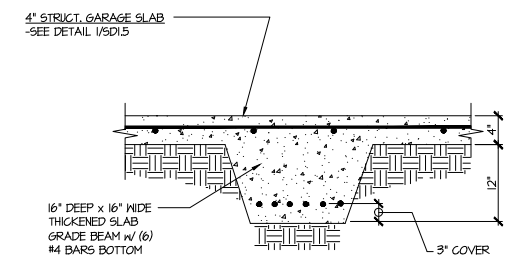
SEE ARCHITECTURAL
 PLANS FOR ACTUAL
 GARAGE DIMENSIONS



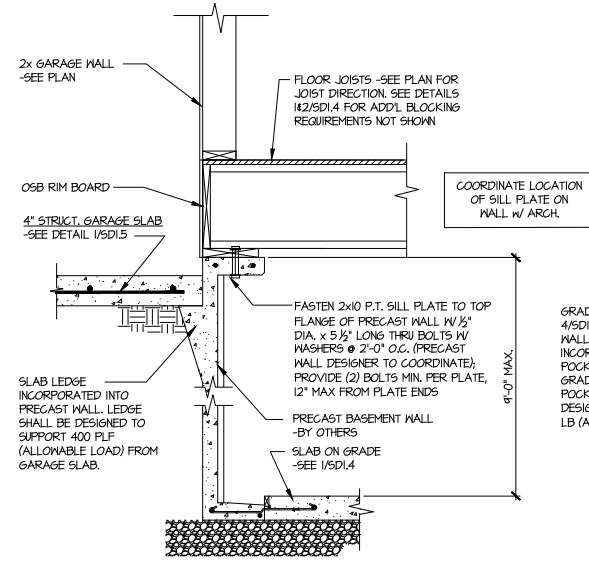
2 **TYPICAL PERIMETER FOOTING @ GARAGE - BASEMENT FOUNDATION**



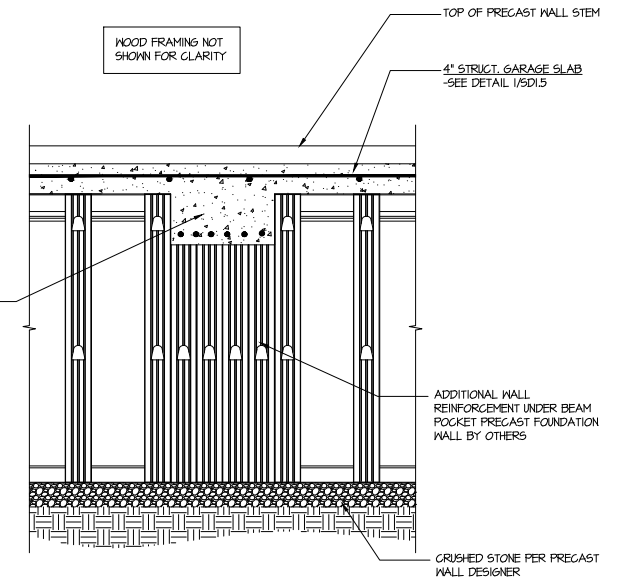
3 **TYPICAL PERIMETER FOOTING @ GARAGE - BASEMENT FOUNDATION (BRICK)**



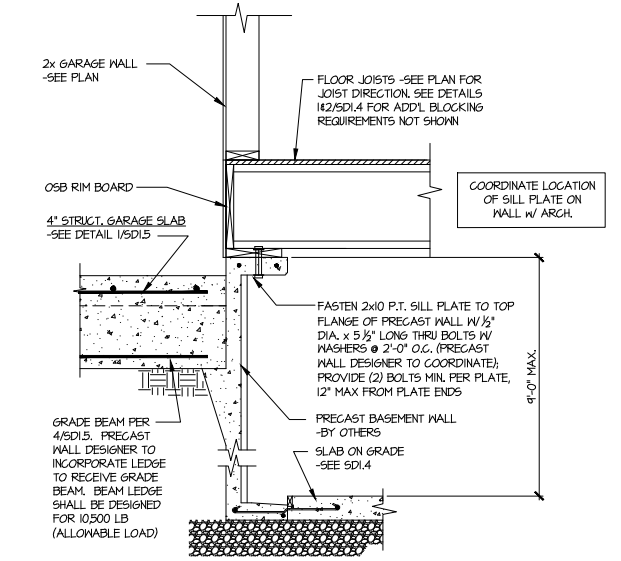
4 **TYPICAL CONCRETE GRADE BEAM @ GARAGE FDN.**
 SCALE: 3/4"=1'-0"



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

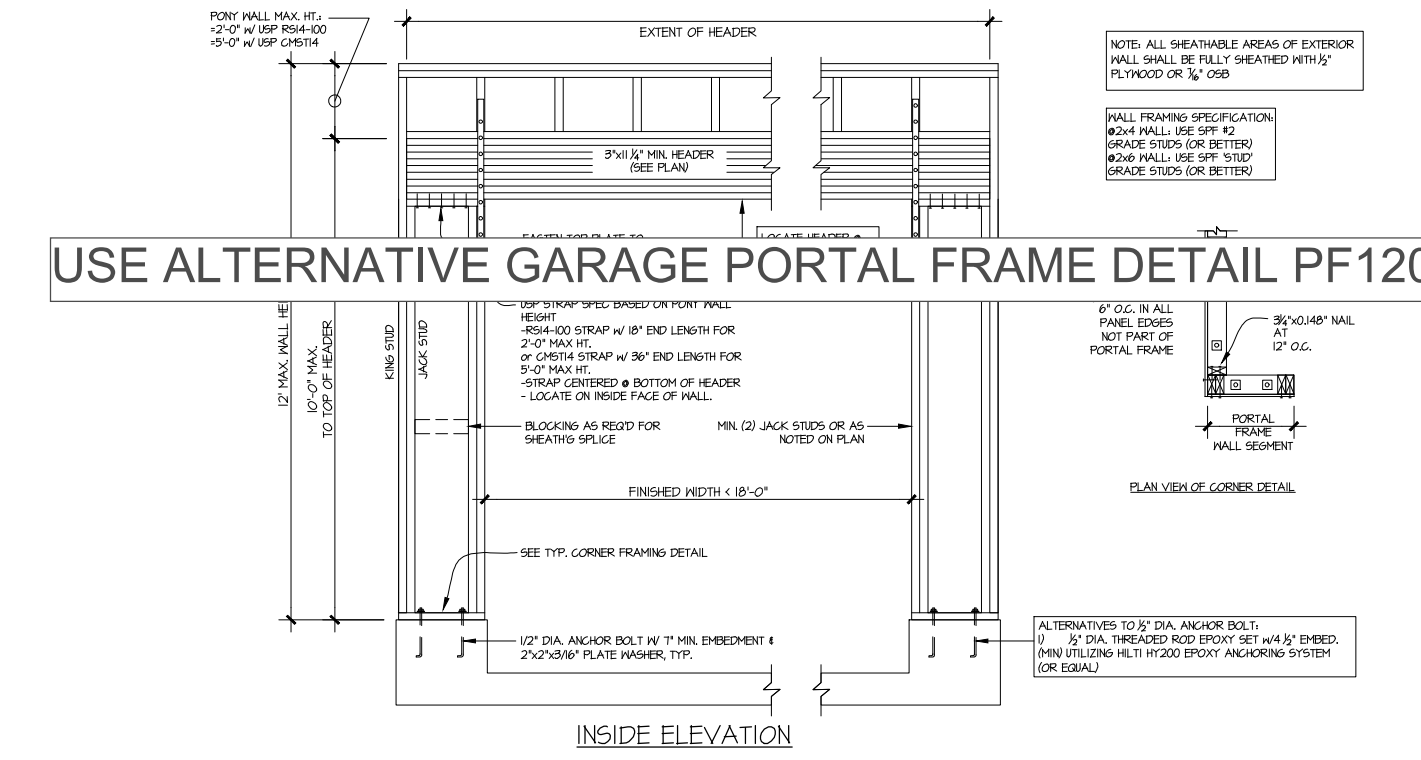
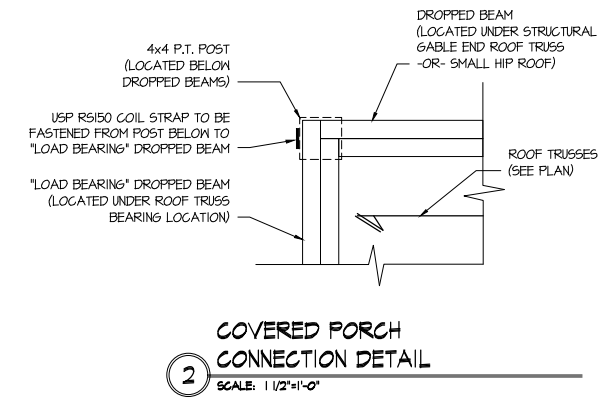
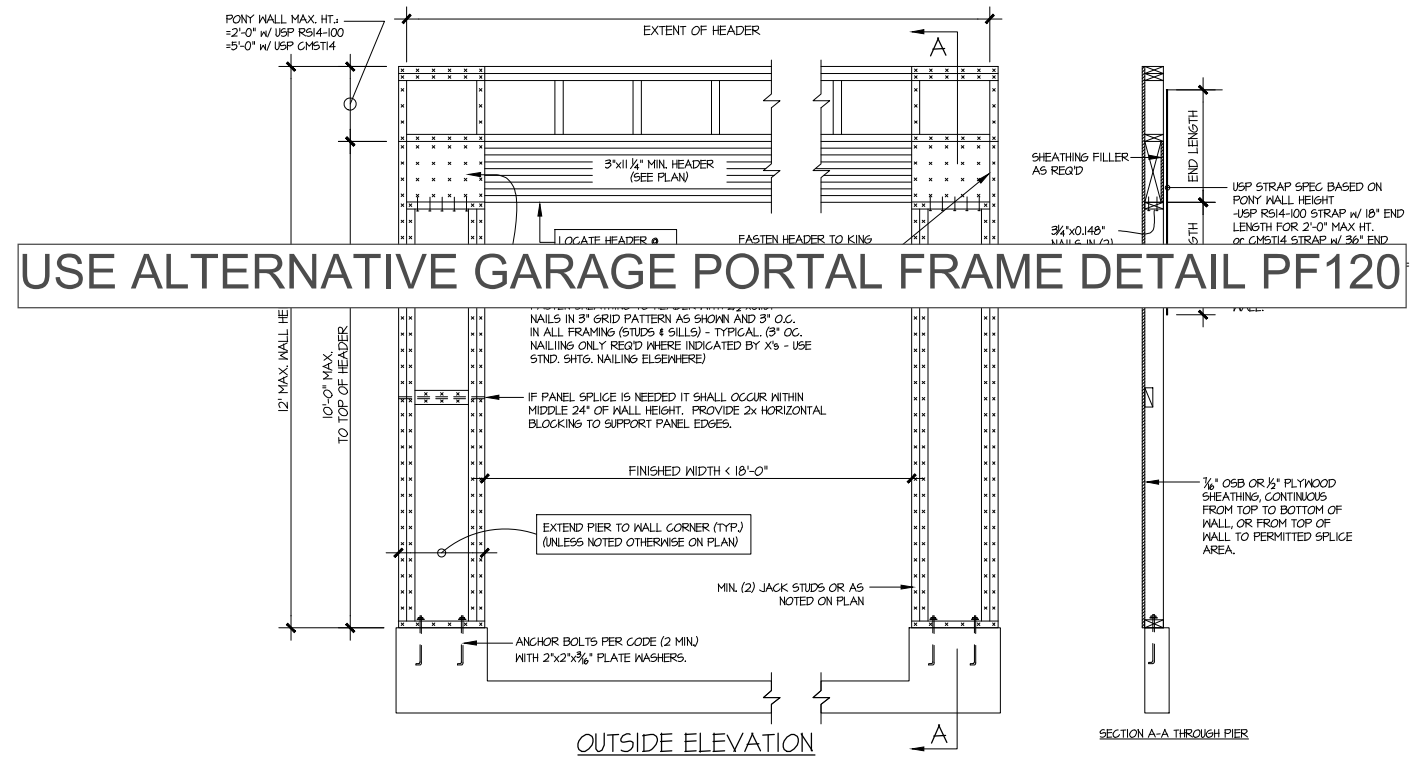


6 **SECTION**
 SCALE: 3/4"=1'-0"



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

Duncans
 Lot 33



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

MULHERN+KULP
 RESIDENTIAL STRUCTURAL ENGINEERING
 3825 Dunwoody Parkway, Suite 105 - Alpharetta, GA 30022
 770-777-8874 • mulhern+kulp.com
 NC License # C-3825

Mulhern+Kulp project number:
 256-21009

project mgr: SMK
 drawn by: MJF
 issue date: 10-26-2021

REVISIONS:

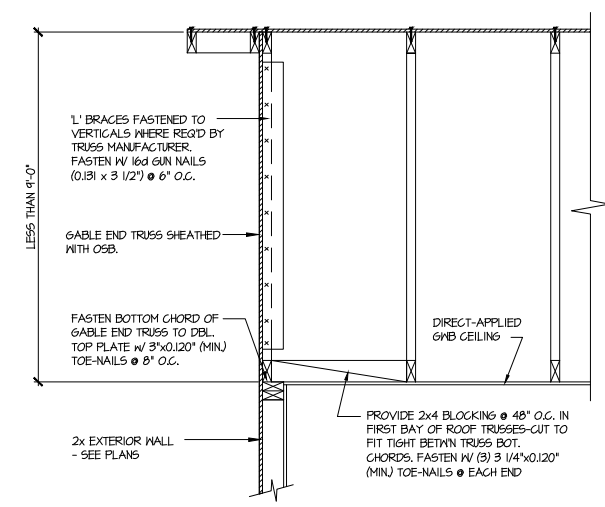
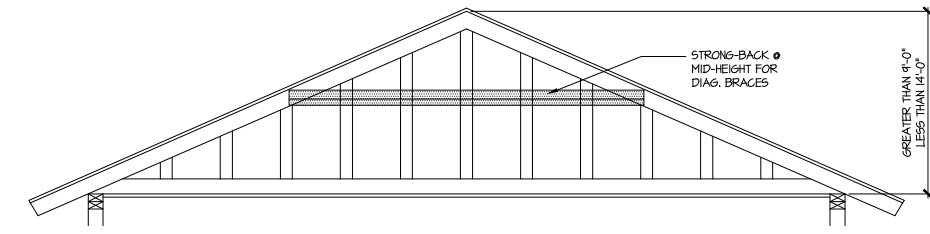
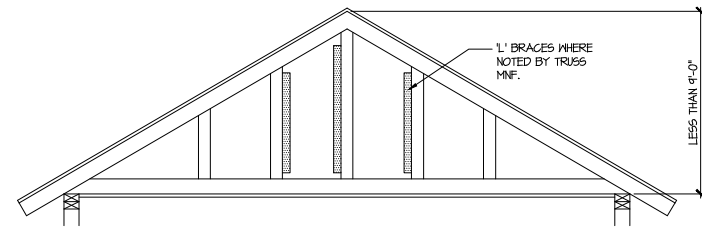
date:	initial:
11/22/21	JPP
REVISIONS ADDED	

SMITH DOUGLAS
 HOMES

FRAMING DETAILS

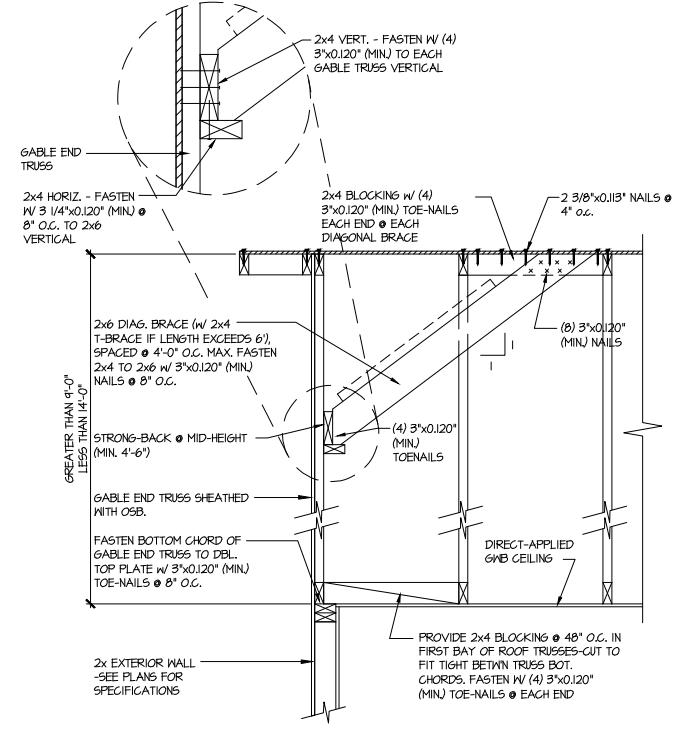
MCGINNIS MODEL

120 MPH WIND ZONE
 NORTH CAROLINA



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 Sandhills Parkway, Suite 205 - Alpharetta, GA 30022
 770-777-8074 • mulhern+kulp.com
 NC License # C-3825

Mulhern+Kulp project number:
 256-21009
 project mgr: SMK
 drawn by: MJF
 issue date: 10-26-2021

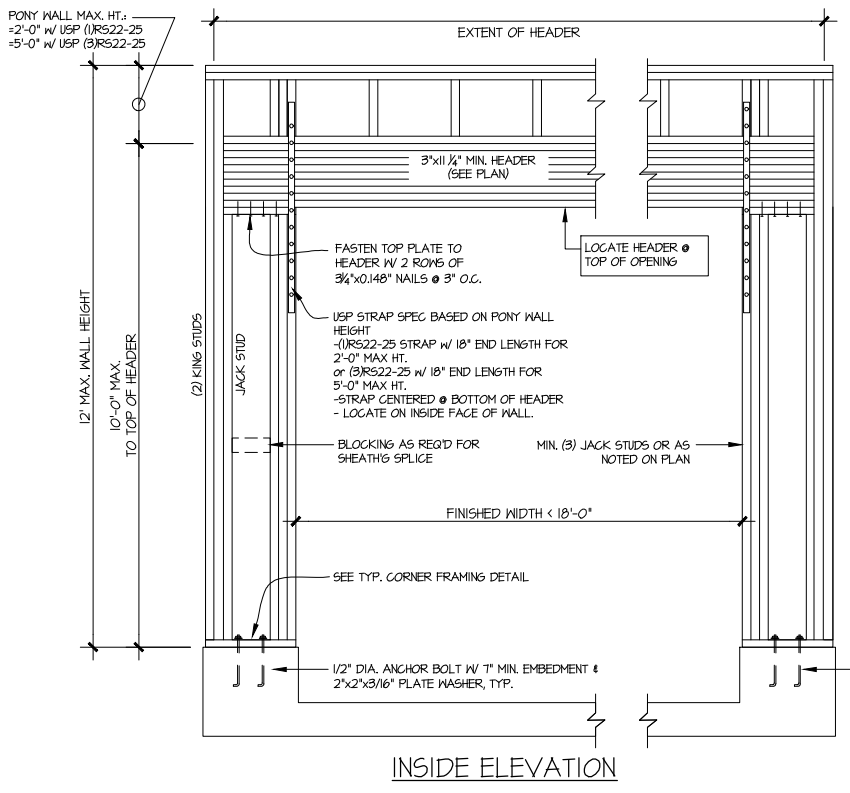
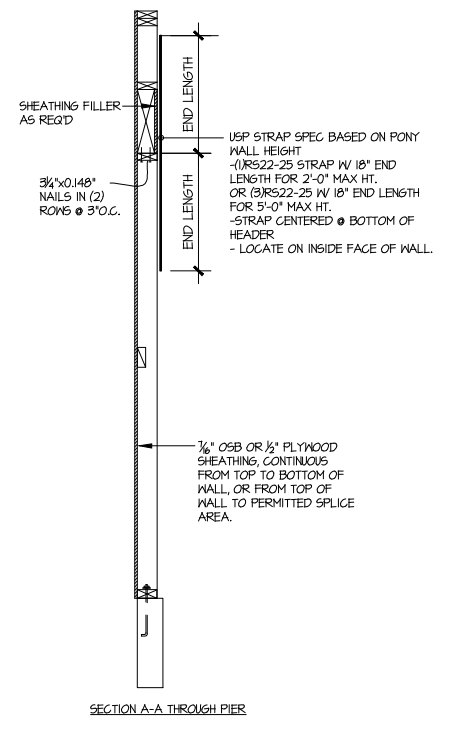
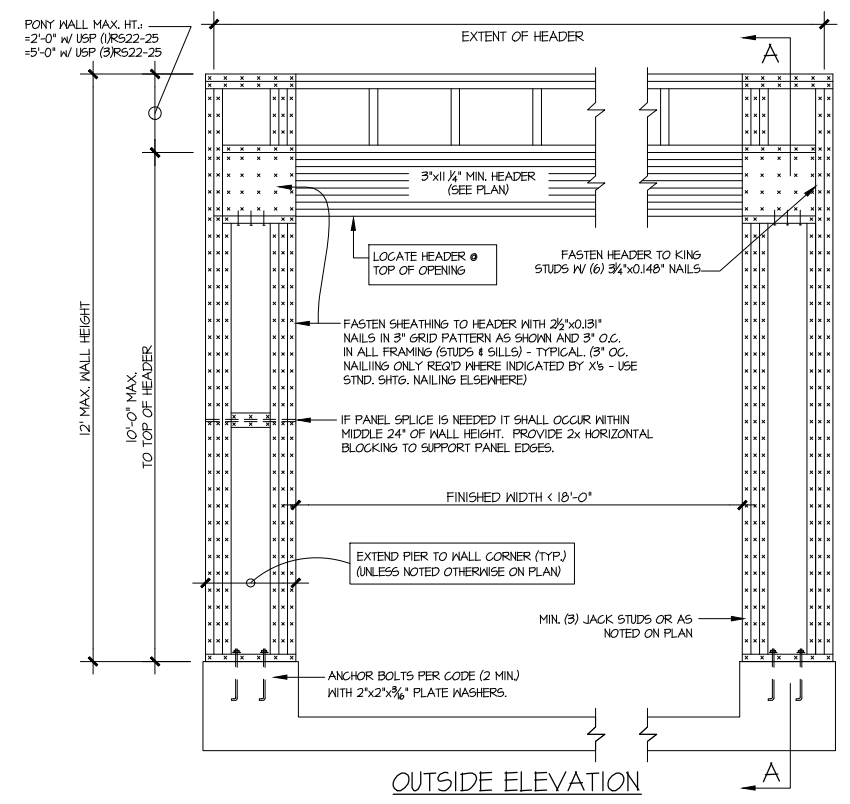
REVISIONS:
 date: initial:
 1/22/21 JPP
 MISSED PLANS ADDED

SMITH DOUGLAS
 HOMES

FRAMING DETAILS
 MCGINNIS MODEL
 120 MPH WIND ZONE
 NORTH CAROLINA

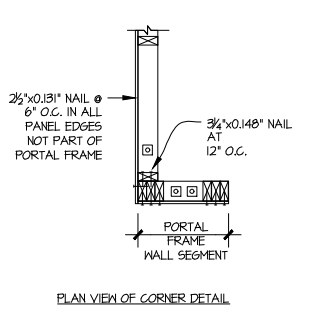
sheet:
SD2.1

Duncans
 Lot 33



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.
 (MIN) 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)

Duncans
Lot 33



MULHERN+KULP
RESIDENTIAL STRUCTURAL ENGINEERING

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

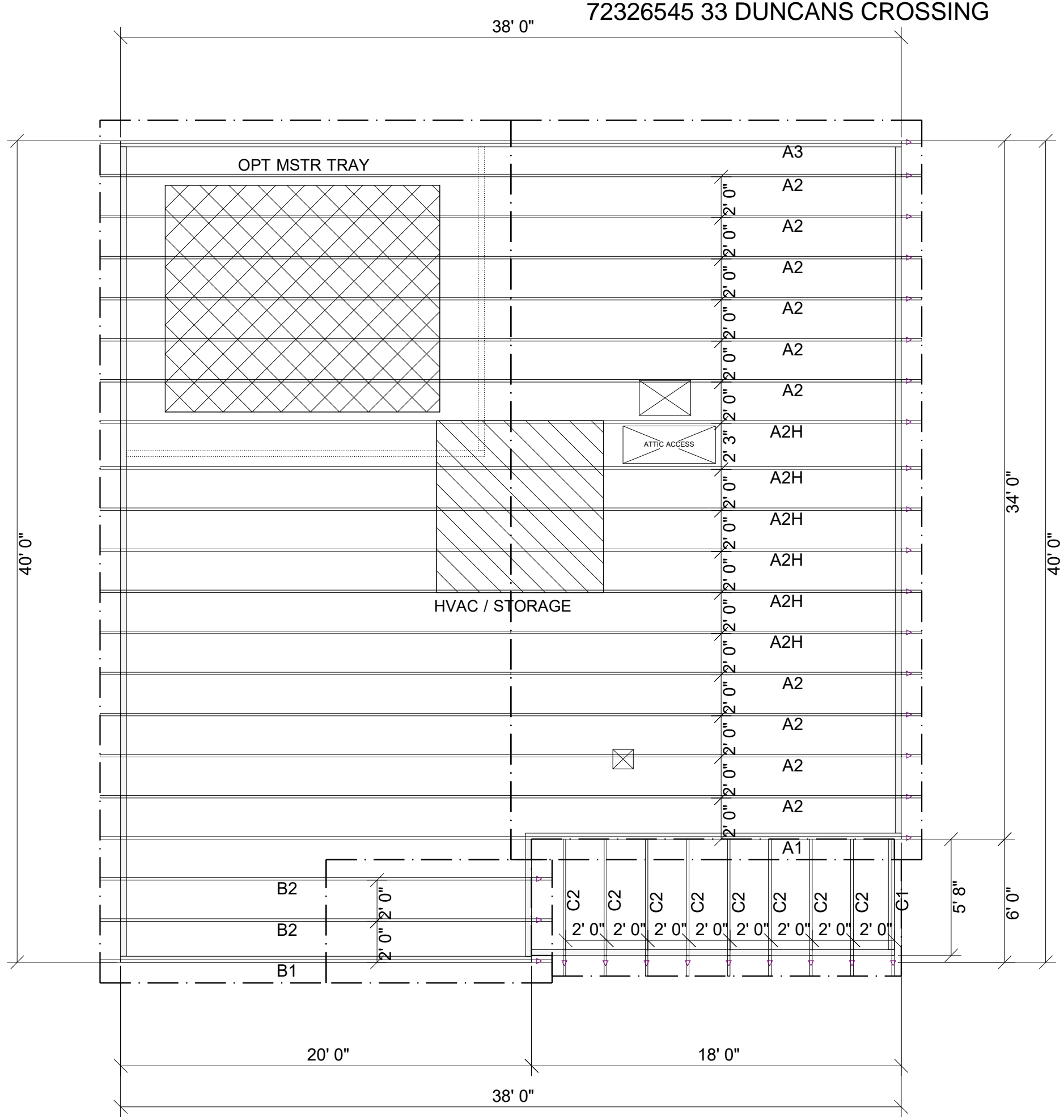
MULHERN & KULP STRUCTURAL ENGINEERING, INC.

NC License # C-3825

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

Signature + Seal 07/28/2023

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 MID-ATLANTIC, LLC. 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.



MCGINNIS BEH

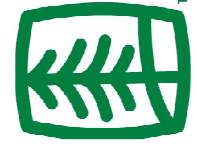
ROOF AREA: 1943.52 ft² RIDGE LINE: 42 ft VALLEY LINES: 0 HIP LINES: 0 Indicates Left End of Truss

Customer
SMITH DOUGLAS

Job Name
MCGINNIS

Date: 3-3-21
Scale: NTS
Revision Date 1:
Revision Date 2:

Quality Products for Quality Builders



UFP MID-ATLANTIC, LLC
A UFP INDUSTRIES COMPANY

BURLINGTON, NC	PHONE (800) 476-9356
CHESAPEAKE, VA	PHONE (800) 476-3190
CLINTON, NC	PHONE (810) 590-3220
CONWAY, SC	PHONE (800) 397-9572
JEFFERSON, GA	PHONE (800) 648-4038
LOCUST, NC	PHONE (704) 888-0920
LIBERTY, NC	PHONE (800) 648-4038
OOLETWAH, TN	PHONE (644) 497-0056
PEARISBURG, VA	PHONE (800) 397-9571

NOTES: THIS DRAWING IS THE PROPERTY OF UFP MID-ATLANTIC, LLC AND IS NOT TO BE USED FOR ANY PURPOSE DETRIMENTAL TO THE INTEREST OF UFP MID-ATLANTIC, LLC. THIS DRAWING MUST BE USED IN CONJUNCTION WITH ALL OTHER TECHNICAL DRAWINGS SUPPLIED BY UFP MID-ATLANTIC, LLC AND "BRACING WOOD TRUSS, COMMENTARY AND RECOMMENDATIONS" AS PUBLISHED BY THE TRUSS PLATE INSTITUTE FOR INDUSTRY STANDARDS IN ERECTING TRUSSES. (TPI) IS LOCATED AT 583 D'ONOFRIO DR. SUITE 200 MADISON, WI 53719 (608) 833-5900

1. TEMPORARY BRACING TO BE INSTALLED w/T.P.I. STANDARD BCS-B1.
2. SEE ENGINEERED DRAWING FOR PERMANENT BRACING MINIMUM REQUIREMENTS.
3. FRAMER TO VERIFY ALL DIMENSIONS, DROP, & RISE LOCATIONS PRIOR TO TRUSS PLACEMENT.
4. BLDR/FRAMER RESPONSIBLE FOR ADJUSTMENT OF TRUSS SPACING TO MISS PLUMBING DROPS, UNLESS NOTED OTHERWISE.
5. THIS LAYOUT IS NOT AN ENGINEERED DRAWING. THIS DRAWING WAS CREATED TO ESTABLISH TRUSS PLACEMENT ONLY. IT IS THE RESPONSIBILITY OF THE BUILDER TO PROVIDE ADEQUATE SUPPORT FOR ALL THE ELEMENTS SHOWN IN THIS DRAWING.

72326548 33 DUNCANS CROSSING

THIS IS A TRUSS/COMPONENT 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 building designer is responsible for temporary and permanent bracing of the roof and floor system and for 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.sbcassociation.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 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.

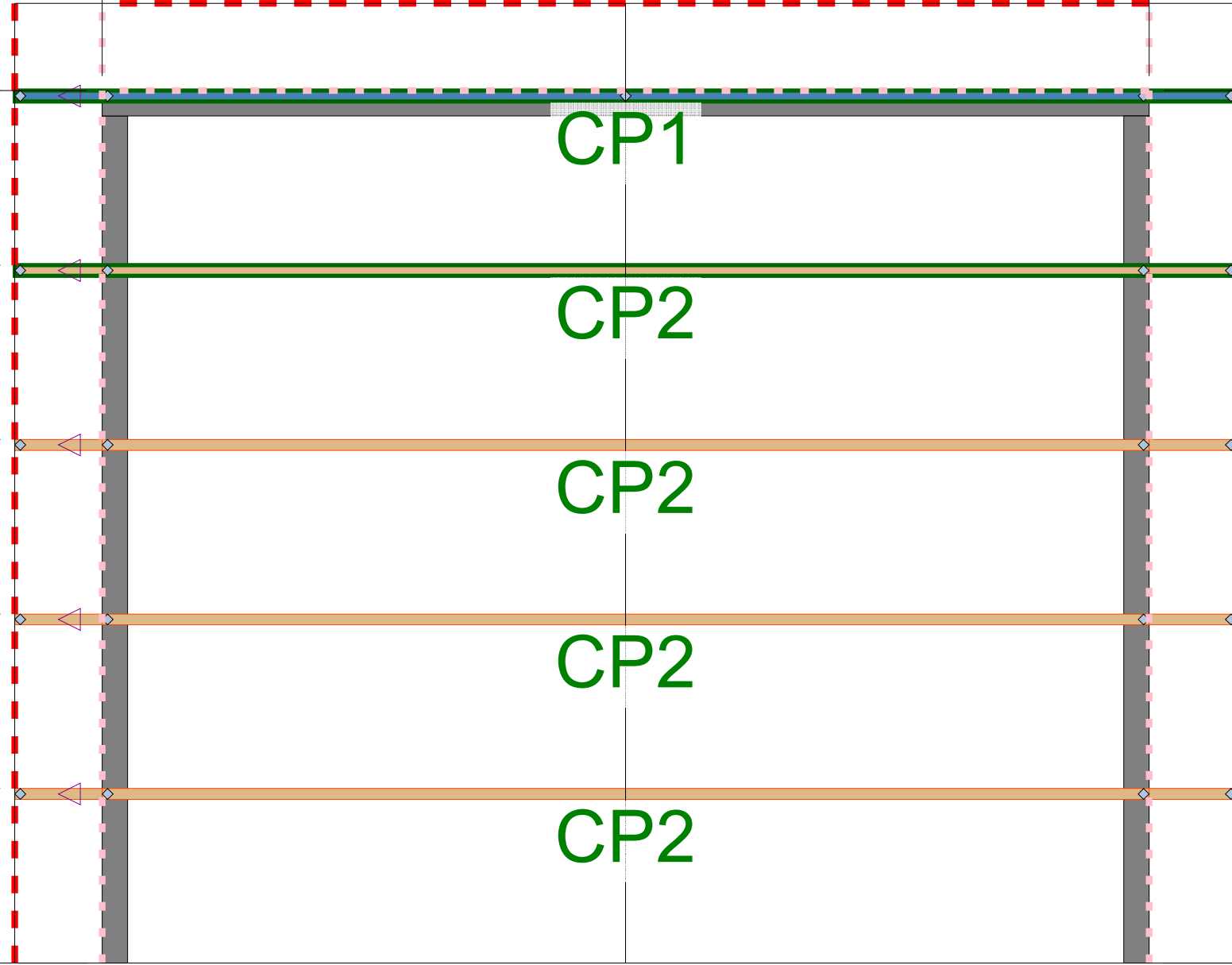
10' 0"

2' 0" 2' 0" 2' 0" 2' 0"

12' 0"

10' 0"

PLACEMENT PLAN



SCALE: N.T.S

REVISIONS		DSN
DATE	DESCRIPTION	
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

MCGINNIS 10X12 PORCH

Smith Douglas

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.



UFP SITE BUILT
A UFP INDUSTRIES COMPANY

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

Customer Service (800) 476-9356



Products					
Fab Type	Net Qty	Plies	Product	Length	PlotID
MFD	6	1	14" TJI@ 110	38' 0"	J1
MFD	2	1	14" TJI@ 110	26' 0"	J2
MFD	2	1	14" TJI@ 110	21' 0"	J3
MFD	1	1	14" TJI@ 110	19' 0"	J4
MFD	16	1	14" TJI@ 110	16' 0"	J5
MFD	4	1	14" TJI@ 110	15' 0"	J6
MFD	1	1	14" TJI@ 110	13' 0"	J7
FF	2	2	14" TJI@ 110	9' 0"	J8
MFD	2	1	14" TJI@ 110	6' 0"	J9
MFD	1	1	14" TJI@ 110	4' 0"	J10
MFD	3	1	14" TJI@ 360	20' 0"	J11
MFD	2	2	1 3/4" x 14" 2.0E Microllam® LVL	10' 0"	2B-1
FF	9	1	1 1/8" x 14" TJI® Rim Board	16' 0"	RIM-1
FF	4	1	14" Kneewall	12' 0"	RIM-2
MFD	12	1	14" TJI@ 110	2' 0"	Bk1

Connector Summary			
Product	Manuf	Qty	PlotID
IHFL1714	MiTek	5	H1
TFL1714	MiTek	7	H2

PLAN LEGEND

*INDICATES BEAM ABOVE TOP PLATE (FLUSH WITH FLOOR SYSTEM)

INDICATES BEAM BELOW TOP PLATE (DROPPED BELOW FLOOR SYSTEM)

*BEAMS MAY PROTRUDE ABOVE OR BELOW DECKING OR TOP PLATE RESPECTIVELY, REFER TO DETAIL IF BEAM IS A DIFFERENT DEPTH THAN FLOOR SYSTEM

SINGLE PLY BEAM (ADD LINE FOR EACH ADDITIONAL PLY)

SHIFT JOIST TO MISS PLUMBING, ALIGN W/WALL OR SUPPORT FURNITURE

A JOIST ADDED TO THE LAYOUT IN ADDITION TO THE ON CENTER JOISTS

TWO JOISTS SIDE BY SIDE (ONLY ASSEMBLED IF NOTED)

1B-, 2B-, H-, 1H-, GDH-

SHIFT

EXTRA

DOUBLE

FIELD TRIM NON RED END TO KEEP HOLES ALIGNED
CONTAR EL LADO DE SIN MARCA ROJA PARA HOYOS ALINEADOS

FIELD LOCATE PLUMBING DROPS/CAN LIGHTS, ETC... PRIOR TO JOIST SECUREMENT TO AVOID INTERFERENCE.

LAYOUT FOR 19.2" O/C

9= 172-13/16"	1= 19-3/16"
10= 192"	2= 38-3/8"
11= 211-3/16"	3= 57-5/8"
12= 230-3/8"	4= 76-13/16"
13= 249-13/16"	5= 96"
14= 268-13/16"	6= 115-3/16"
15= 288"	7= 134-3/8"
	8= 153-5/8"

FIELD VERIFY DIMENSIONS TO JOISTS LOCATED UNDER WALLS!!

2ND FLOOR LAYOUT

- GENERAL NOTES:**
- 1.) TOP CHORD OF JOISTS ARE PAINTED RED AT NUMBERED END. PLACE PAINTED END AS NOTED ON PLAN.
 - 2.) FOLLOW SPECIAL SPACING AND LOCATION DIMENSIONS FOR EXTRAS OR SHIFTED JOISTS AS SHOWN ON PLAN.
 - 3.) ALL INTERIOR WALL PLATES MUST BE LEVEL WITH OUTSIDE WALL TOP PLATES.
 - 4.) DO NOT STACK CONSTRUCTION LOADS ON UN-BRACED JOISTS.
 - 5.) PROVIDE SOLID SUPPORT BELOW ALL BEAM AND HEADER BEARING POINTS IN WALL AND JOIST SPACES CONTINUOUS DOWN TO THE FOUNDATION.
 - 6.) LOCATE CRIPPLE STUDS IN JOIST SPACE DIRECTLY BELOW HEADER JACKS AT ALL FIRST FLOOR EXTERIOR DOOR LOCATIONS.
 - 7.) INSTALL NAILS IN ALL HOLES PROVIDED IN JOIST HANGERS EXCEPT AT BOTTOM CHORD SEAT. PLACE A DAB OF GLUE IN THE HANGER SEAT BEFORE SETTING JOISTS.
 - 8.) IMPORTANT NOTE! NO STRUCTURAL ANALYSIS OF CONVENTIONAL HEADERS HAS BEEN CONDUCTED IF NOT NOTED. THEY ARE CONSIDERED TO BE ADEQUATE TO SUPPORT THE APPLIED LOADS.

FRAMER NOTE

DENOTES DUCT HOLE RUNS

ALL DIMENSIONS TO CENTERLINE UNLESS OTHERWISE NOTED

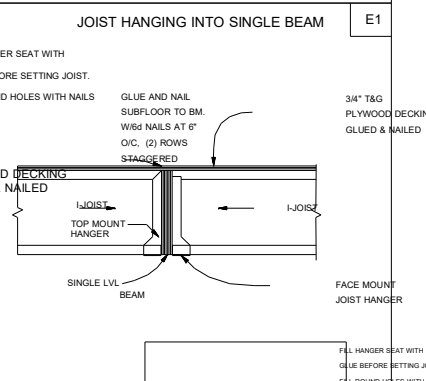
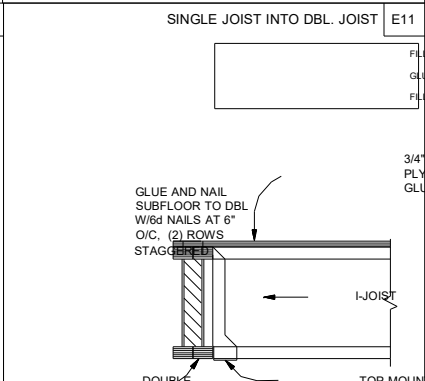
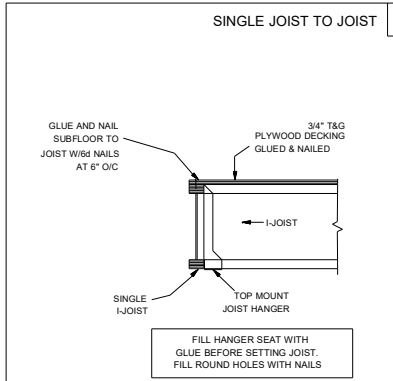
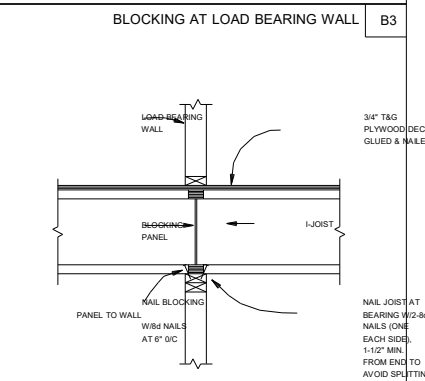
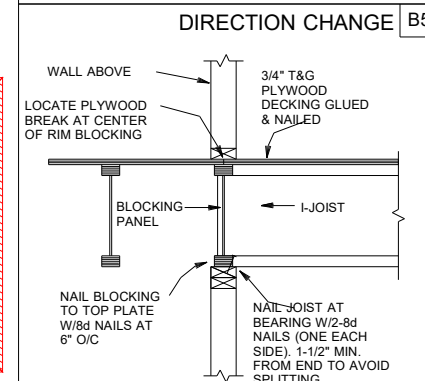
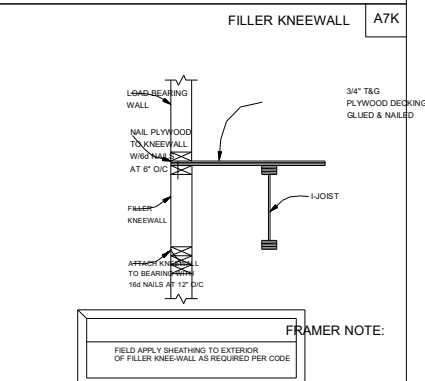
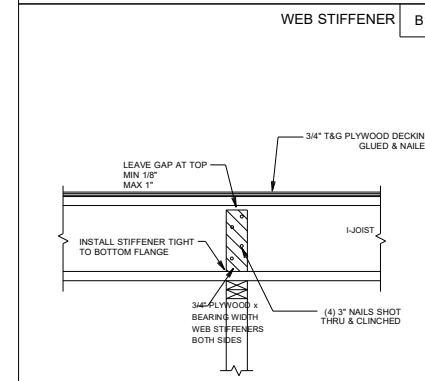
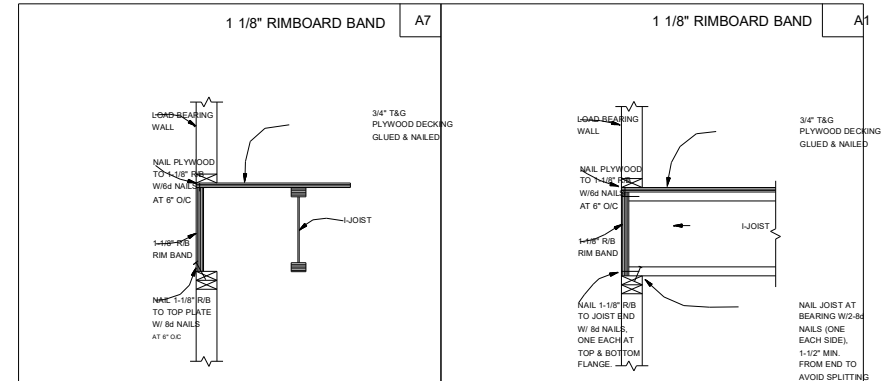
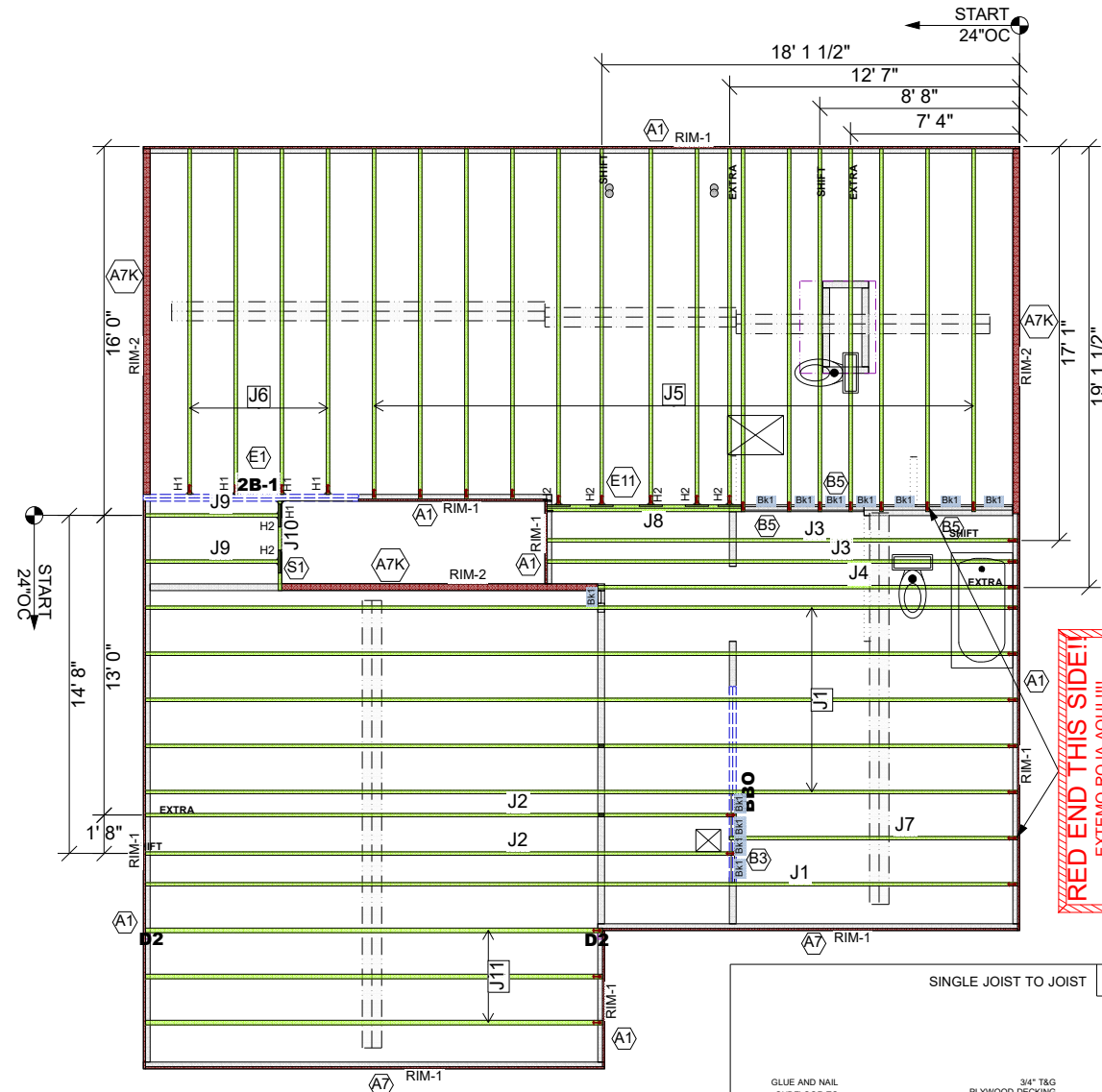
Avoid Plumbing Drops

FRAMER NOTE

1. GLUE AND NAIL PLYWOOD SUBFLOOR TO BEAMS AND GIRDERS AT 6" O/C WHERE NO WALL IS ABOVE.
2. FILL HANGER SEAT WITH GLUE BEFORE SETTING JOIST IN HANGER. FILL ROUND HOLES WITH NAILS.

CRITICAL !!

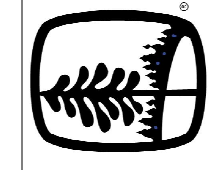
INSTALL 2X4 SQUASH BLOCKS IN FLOOR TRUSS SPACE BELOW ALL EXTERIOR DOOR HEADER JACKS. CUT 1/16" TALLER THAN TRUSS.



This layout is not an engineered drawing. This drawing was created to establish joist placement only. It is the responsibility of the builder to provide adequate support for all the elements shown in this drawing.

UFP MID-ATLANTIC, LLC NOTES: THIS DRAWING IS THE PROPERTY OF UFP MID-ATLANTIC, LLC AND IS NOT TO BE USED FOR ANY PURPOSE DETERMINAL TO THE INTEREST OF UFP MID-ATLANTIC, LLC. THIS DRAWING MUST BE USED IN CONJUNCTION WITH ALL OTHER TECHNICAL DRAWINGS SUPPLIED BY UFP MID-ATLANTIC, LLC.

A UNIVERSAL FOREST PRODUCTS COMPANY
 BURLINGTON, NC PHONE (800) 476-9356
 CHESAPEAKE, VA PHONE (800) 476-3190
 CONWAY, SC PHONE (800) 397-9572
 JEFFERSONGA PHONE (800) 648-4038
 PEARISBURG, VA PHONE (800) 397-9571



LOADING	DEFLECTION
ROOF LIVE 20 PSF	L/240
ROOF DEAD 20 PSF	L/180
FLOOR LIVE 40 PSF	L/480
FLOOR DEAD 10 PSF	L/240

Special Loading:

Customer: **SMITH DOUGLAS**
 Job Name: **MCGINNIS**
 Date: 10/17/21
 Scale: NTS
 Revision Date: _____
 Revision Date: _____

Lot #: _____
 Drawn By: CP3
 Drawing Number: **21090682F2**