

Residence for
Adams Homes AEC, LLC
Plan 3105 "A" FE R KC025

GENERAL NOTES:

- 1. ALL WORK IS TO BE DONE IN STRICT ACCORDANCE WITH NORTH CAROLINA STATE RESIDENTIAL BUILDING CODE, 2018 EDITION (HEREWITH SHOWN AS N.C.S.R.B.C.).
- 2. DIMENSIONS SHOWN ON DRAWINGS GOVERN OVER SCALE..
- 3. STUD WALL DESIGN SHALL CONFORM TO ALL N.C.S.R.B.C. REQUIREMENTS.
- 4. CONTRACTOR SHALL USE TEMPERED SAFETY GLASS IN ALL LOCATIONS AS REQUIRED BY N.C.S.R.B.C., SECTION R308.4
- 5. ANY HABITABLE ROOM SHALL MEET ALL LIGHT/VENTILATION AND EGRESS AS REQUIRED BY N.C.S.R.B.C., SECTIONS R-303.1 AND R-310.1
- 6. ALL WALLS SHOWN ON FLOOR PLANS ARE 2x4 FRAME UNLESS NOTED OTHERWISE.
- 7. ALL ANGLED WALLS SHOWN ON FLOOR PLANS ARE 45° UNLESS NOTED OTHERWISE.
- 8. ALL WINDOWS SHALL HAVE A MINIMUM DPI RATING OF .25. BUILDER SHALL VERIFY WITH WINDOW MANUFACTURER THAT UNITS INSTALLED MEET THESE REQUIREMENTS AS PER N.C.S.R.B.C., TABLE 301.2(6).
- 9. ENERGY EFFICIENCY REQUIREMENTS FOR THE SPECIFIC CLIMATE ZONE WHERE STRUCTURE IS BEING BUILT SHALL BE IN ACCORDANCE WITH CHAPTER 11 OF THE NORTH CAROLINA RESIDENTIAL BUILDING CODE, AS SHOWN IN TABLES N1101.2 AND N1102.1.
- 10. TERMITE TREATMENT - BORATE APPLIED TO ALL FRAME MEMBERS WITHIN 24" AFF.

MATERIALS LEGEND

	EARTH/COMPACT FILL		FINISH WOOD
	CONCRETE		ROUGH WOOD
	BRICK		BLOCKING
	CONCRETE BLOCK/STONE		PLYWOOD
	STEEL		BATT INSULATION
	ALUMINUM		RIGID INSULATION

TOILET ACCESSORIES LEGEND

PROVIDE 2x4 BLOCKING IN THE WALL FOR THE FOLLOWING:	
TB	TOWEL BAR
TP	TOILET PAPER HOLDER
TR	TOWEL RING
MC	MEDICINE CABINET
MR	MAGAZINE RACK

THE PURPOSE OF THESE DRAWINGS IS TO SHOW THE INTENT OF THE DESIGN AND CONSTRUCTION OF THIS HOME. ANY ERRORS AND/OR OMISSIONS FOUND IN THIS SET SHOULD IMMEDIATELY BE REPORTED TO ADAMS HOMES FOR CLARIFICATION OR CORRECTION. THE CONTRACTOR SHOULD VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO CONSTRUCTION.

INDEX TO DRAWINGS:

COVER SHEET	
1	FRONT AND LEFT SIDE ELEVATIONS
2	REAR AND RIGHT SIDE ELEVATIONS
3	FIRST FLOOR PLAN
4	SECOND FLOOR PLAN
5	FIRST FLOOR ELECTRICAL PLAN
6	SECOND FLOOR ELECTRICAL PLAN
OPT1	FLOOR PLAN OPTIONS
D1	CONSTRUCTION DETAILS
S1	MONO SLAB FOUNDATION PLAN
S2	FIRST FLOOR CEILING FRAMING PLAN
S3	SECOND FLOOR CEILING FRAMING PLAN
S4	ROOF FRAMING PLAN
SD1	STRUCTURAL DETAILS
SPEC	STRUCTURAL SPECIFICATIONS
S7	PLAN OPTIONS

RESIDENTIAL BUILDING CODE SUMMARY

- 1. PLANS ARE DESIGNED TO THE 2018 NORTH CAROLINA RESIDENTIAL BUILDING CODE.
- 2. HOUSE IS DESIGNED FOR 120 MPH, 3 SECOND GUST (93 MPH FASTEST WIND), EXPOSURE B.
- 3. ANCHOR BOLTS SHALL BE MIN. 1/2" DIAMETER WITH STANDARD WASHER AND NUT AND SHALL EXTEND 7" MIN. INTO MASONRY OR CONCRETE. BOLTS TO BE NO MORE THAN 6' O.C. AND WITHIN 12" OF CORNERS. ALTERNATE ANCHOR STRAPS CAN BE USED INSTEAD OF ANCHOR BOLTS SPACED AT THE EQUIVALENT SPACING AND INSTALLED PER MANUFACTURER'S SPECIFICATION'S EXCEPT AT GARAGE LUGS FTG.
- 4. MEAN ROOF HEIGHT: 24'-4"
- 5. COMPONENT & CLADDING DESIGNED FOR THE FOLLOWING LOADS:
MEAN ROOF HGT: UP TO 30' 30'-1" TO 35' 35'-1" TO 40' 40'-1" TO 45'
ZONE 1 16.5, -18.0 17.3, -18.9 18.0, -19.6 18.5, -20.2
ZONE 2 16.5, -21.0 17.3, -22.1 18.0, -22.9 18.5, -23.5
ZONE 3 16.5, -21.0 17.3, -22.1 18.0, -22.9 18.5, -23.5
ZONE 4 18.0, -19.5 18.9, -20.5 19.6, -21.3 20.2, -21.8
ZONE 5 18.0, -24.1 18.9, -25.3 19.6, -26.3 20.2, -27.0
- 6. MINIMUM VALUES FOR ENERGY COMPLIANCE: ZONE 4
- 7. MAXIMUM GLAZING U-FACTOR: 0.35
- 8. INSULATING VALUES: CEILING: R-30* / WALLS: R-15 / FLOOR: R-14 / SLABS: R-10. CODE REFERENCE: TABLE N1102.1 (*R-30 ONLY IF UNCOMPRESSED, R-38 REQUIRED IF COMPRESSED)
- 9. FLASHING SHALL BE INSTALLED IN ACCORDANCE WITH SECTION R103.8 OF THE N.C.R.B.C.
- 10. FIREBLOCKING SHALL BE INSTALLED IN ACCORDANCE WITH SECTION R602.8 OF THE N.C.R.B.C.
- 11. DRAFTSTOPPING SHALL BE INSTALLED IN ACCORDANCE WITH SECTION R302.12 OF THE N.C.R.B.C.

AREA CALCULATIONS

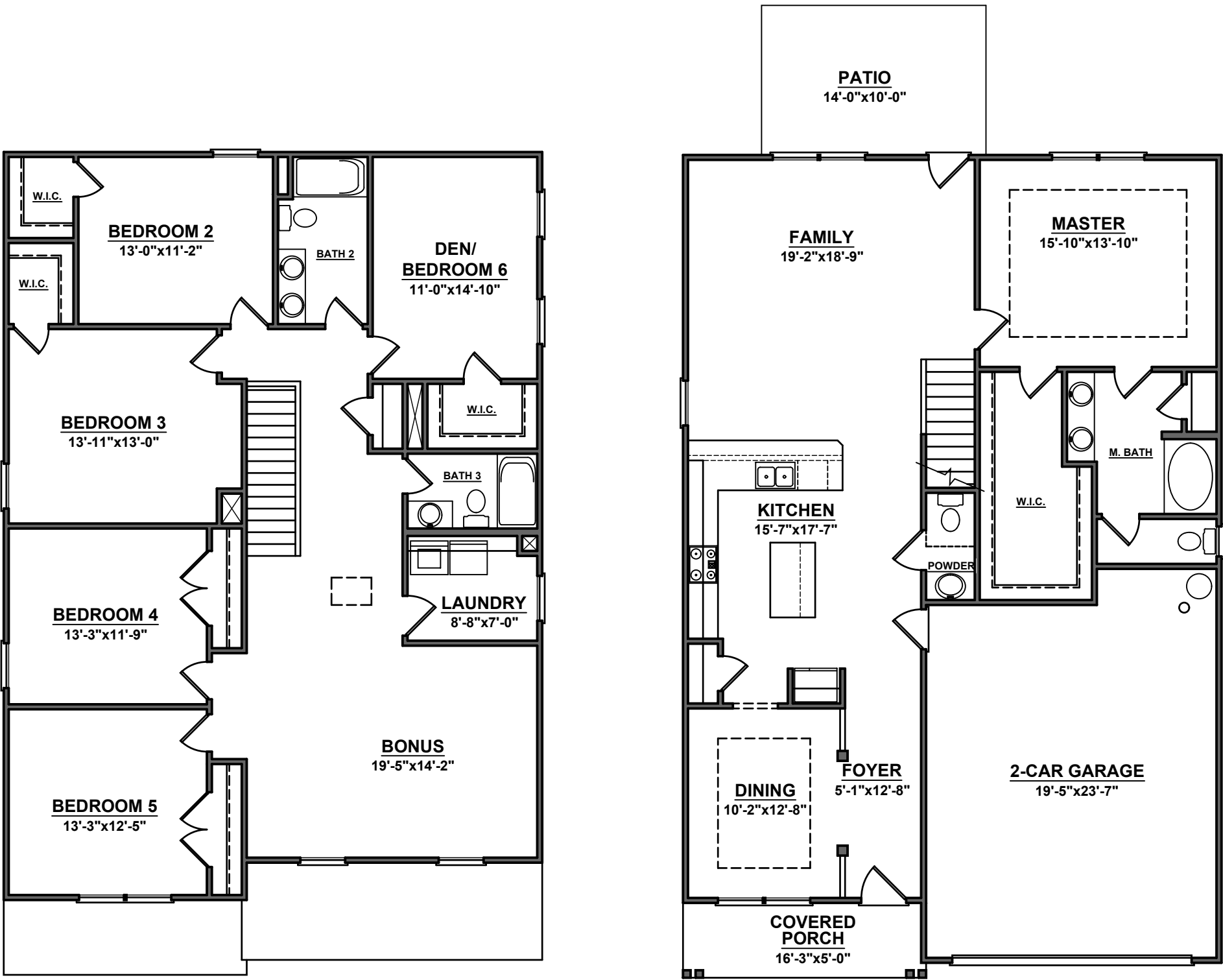
1ST FLOOR:	1387	GARAGE:	494
2ND FLOOR:	1718	FRONT PORCH:	80
REC. ROOM:	0	PATIO:	140
TOTAL:	3105	BRICK:	0
		TOTAL:	714
WIDTH:	36'-0"		
DEPTH:	55'-0"		

FOUNDATION VENTING CALCULATIONS

NOT NEEDED WITH SLAB FOUNDATION

ATTIC VENTILATION REQUIREMENTS

NATURAL ROOF VENTILATION		MECHANICAL ROOF VENTILATOR	
1961	SQ. FT.	1961	SQ. FT.
150	= 13.07 SQ. FT. VENT REQ'D.	300	= 6.54 SQ. FT. VENT REQ'D.
BUILDER TO PROVIDE APPROPRIATE VENTILATING AS REQUIRED PER CODE			



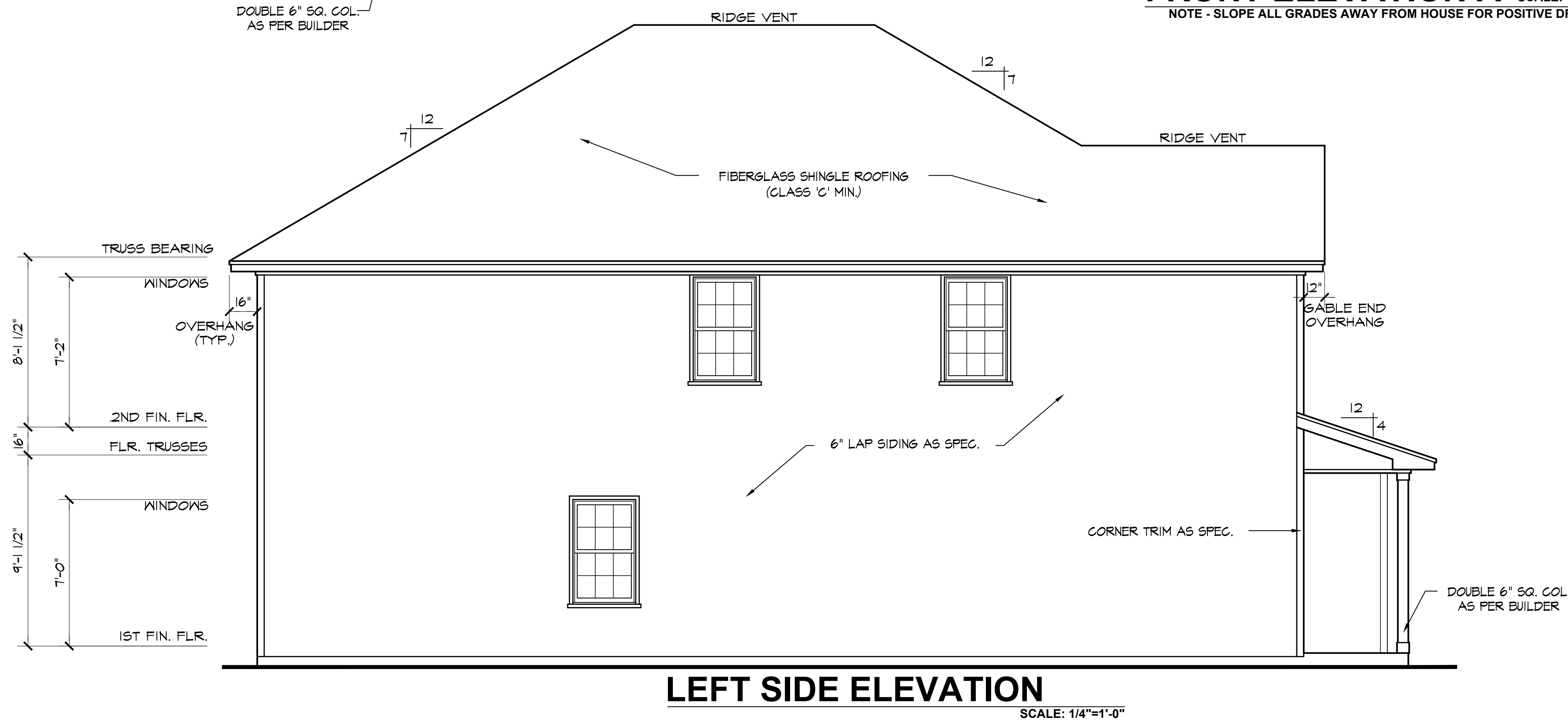
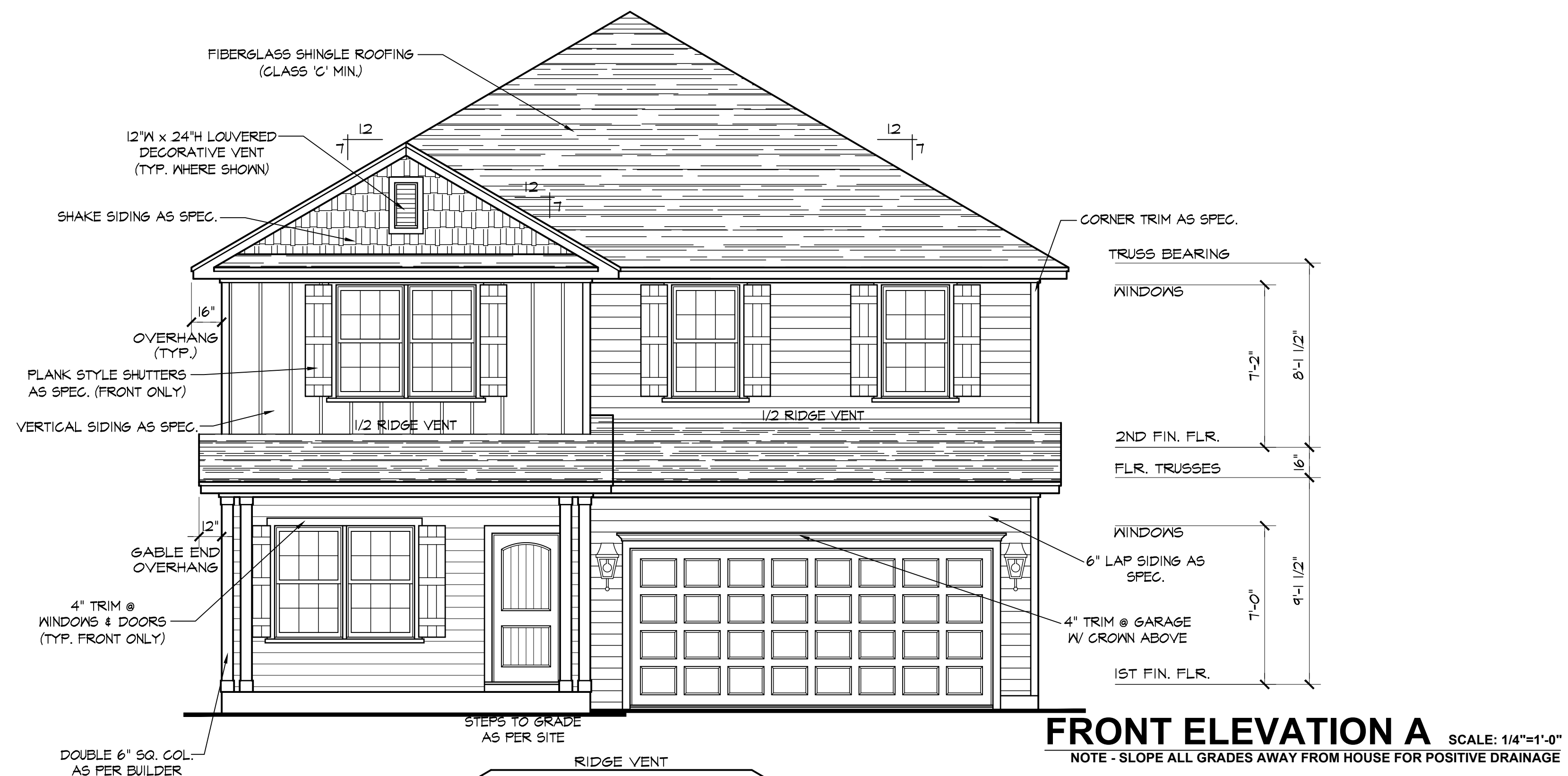
7384



HOMES AEC, LLC

3105 A FER KC025

DATE DRAWN
2/26/2025
PROJECT
7384
REVISIONS

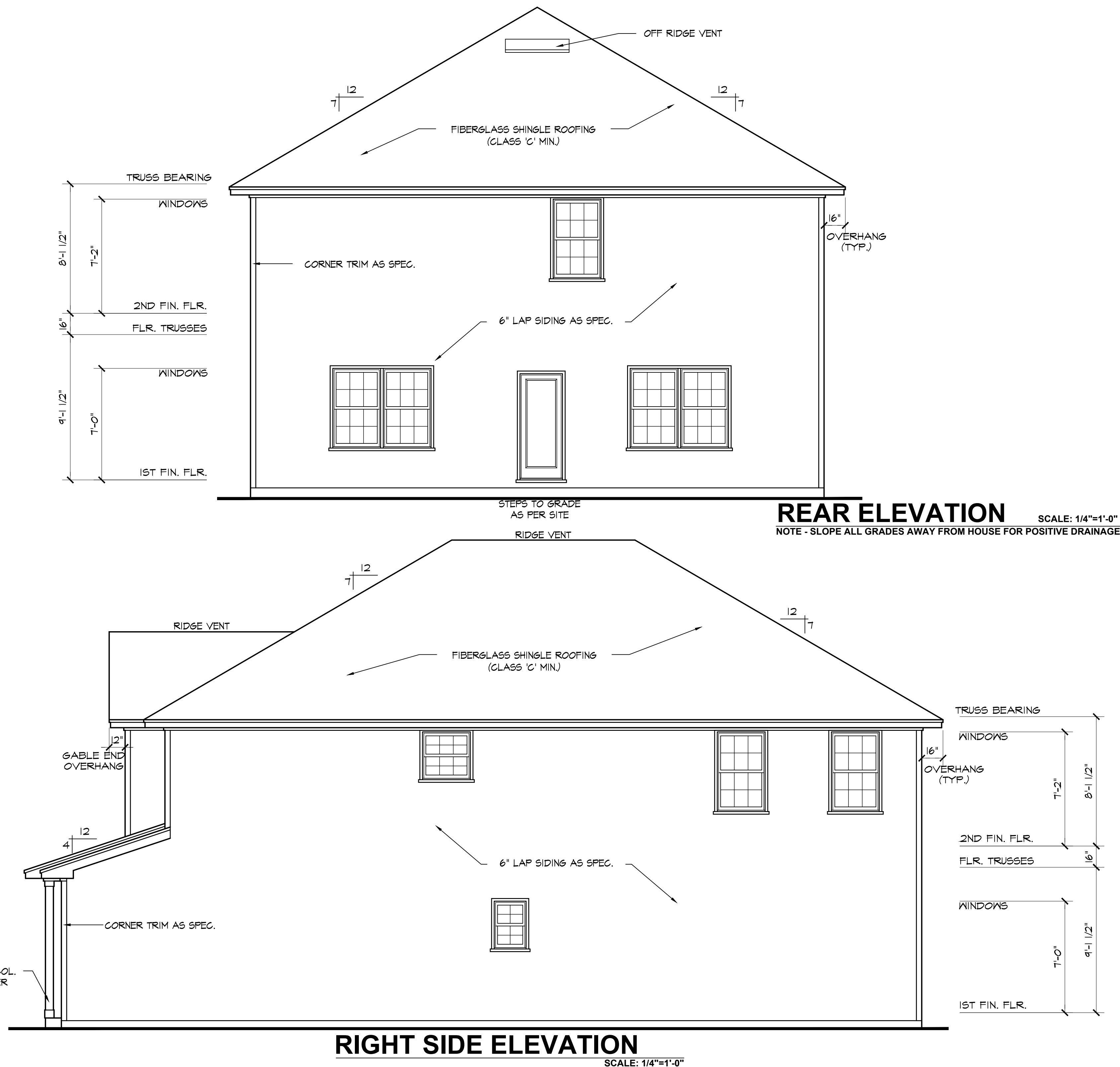


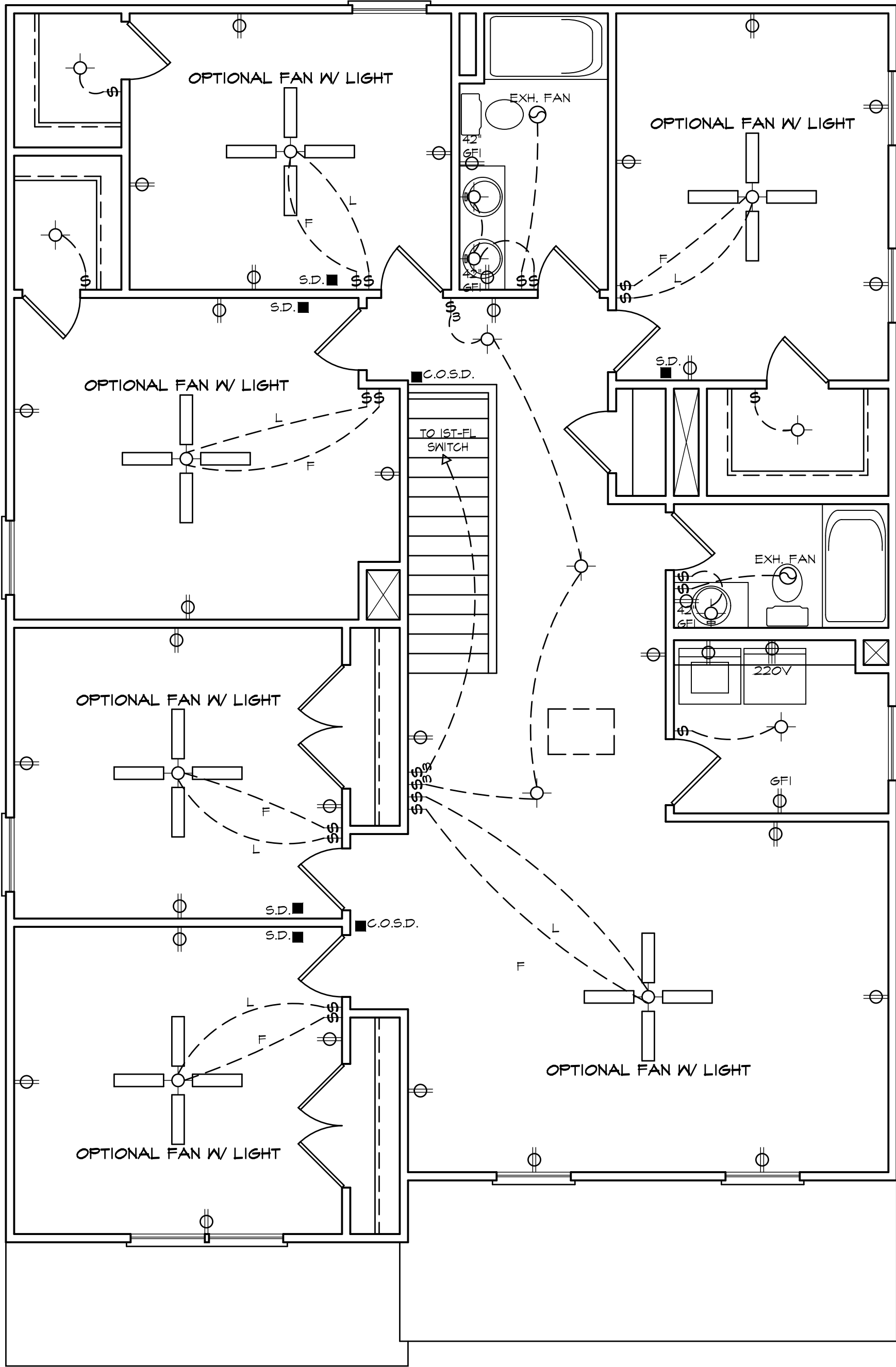
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SHEET

2





ELECTRICAL LEGEND

- LIGHT FIXTURE

- FAN/LIGHT

- WATERPROOF OUTLET

- RECESSED LIGHTING

\$

- SINGLE FULL SWITCH

\$₃

- 3-WAY SWITCH

\$₄

- 4-WAY SWITCH

\$_D

- DIMMER SWITCH

■

- SMOKE DETECTOR

▽

- FLOOD LIGHTS

▽

- EYEBALL SPOTS

⊕

- DUPLEX RECEPTACLE (110V)

⊕

- 220 VOLT RECEPTACLE

⊕

- SWITCHED RECEPTACLE (TOP WIRE ONLY)

⊕_{GFI}

- GROUND FAULT CIRCUIT INTERRUPTOR

- CLG FAN/LIGHTS

- TRACK LIGHTS

- FLUORESCENT LIGHTING

○

- CABLE OUTLET

▲

- TELEPHONE OUTLET

△

- COMPUTER DATA OUTLET

⊠

- BURGLAR ALARM

□

- INTERCOM

NOTE: ALL ELECTRICAL TO BE VERIFIED BY OWNER/BUILDER BEFORE ROUGH-IN.

SECOND FLOOR ELECTRICAL PLAN

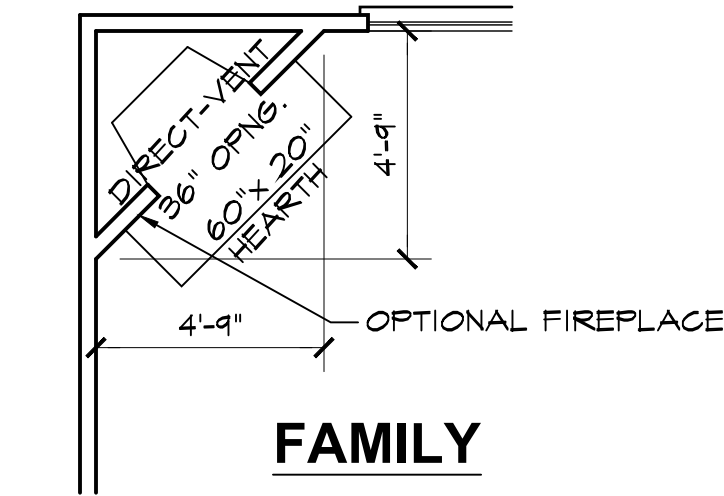
NOTE - ELECTRICAL RECEPTACLE AND SWITCH QUANTITIES AND LOCATIONS SHOWN ON PLAN ARE FOR ILLUSTRATION PURPOSES ONLY. ACTUAL NUMBER AND LOCATIONS SHALL BE FIELD DETERMINED AS PER CLIENT AND BUILDER EXCEPT WHERE CODE REQUIREMENTS APPLY.

FLOOR PLAN OPTION SHEET

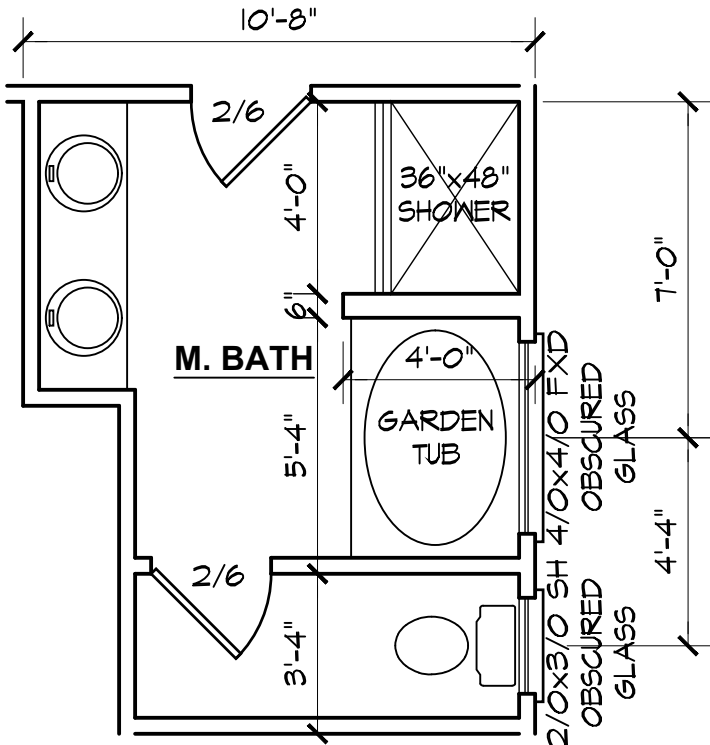
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SHEET
opt1

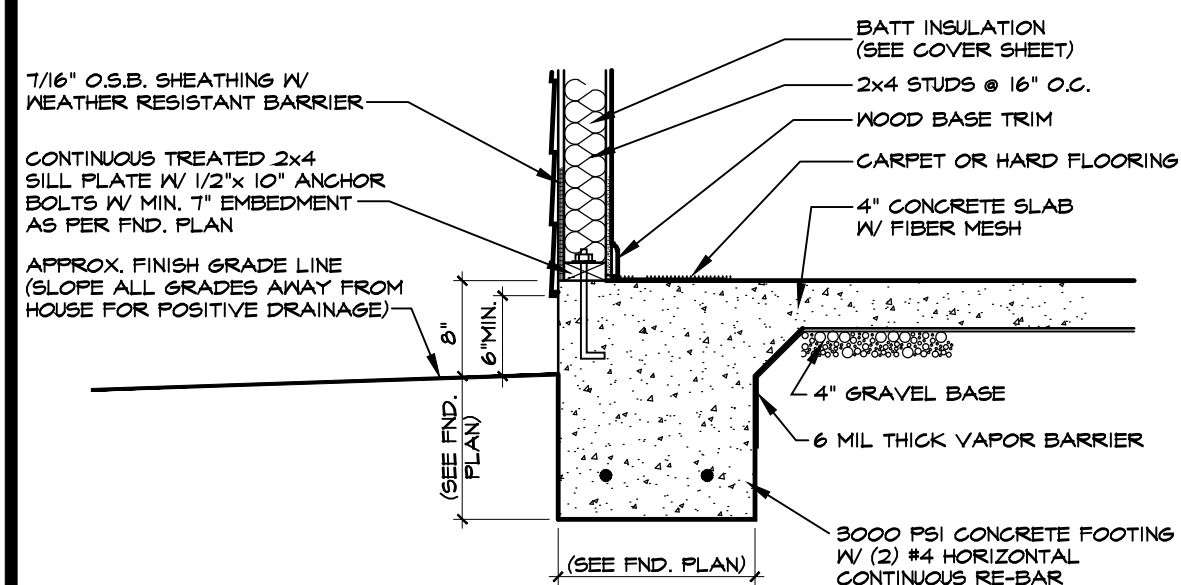
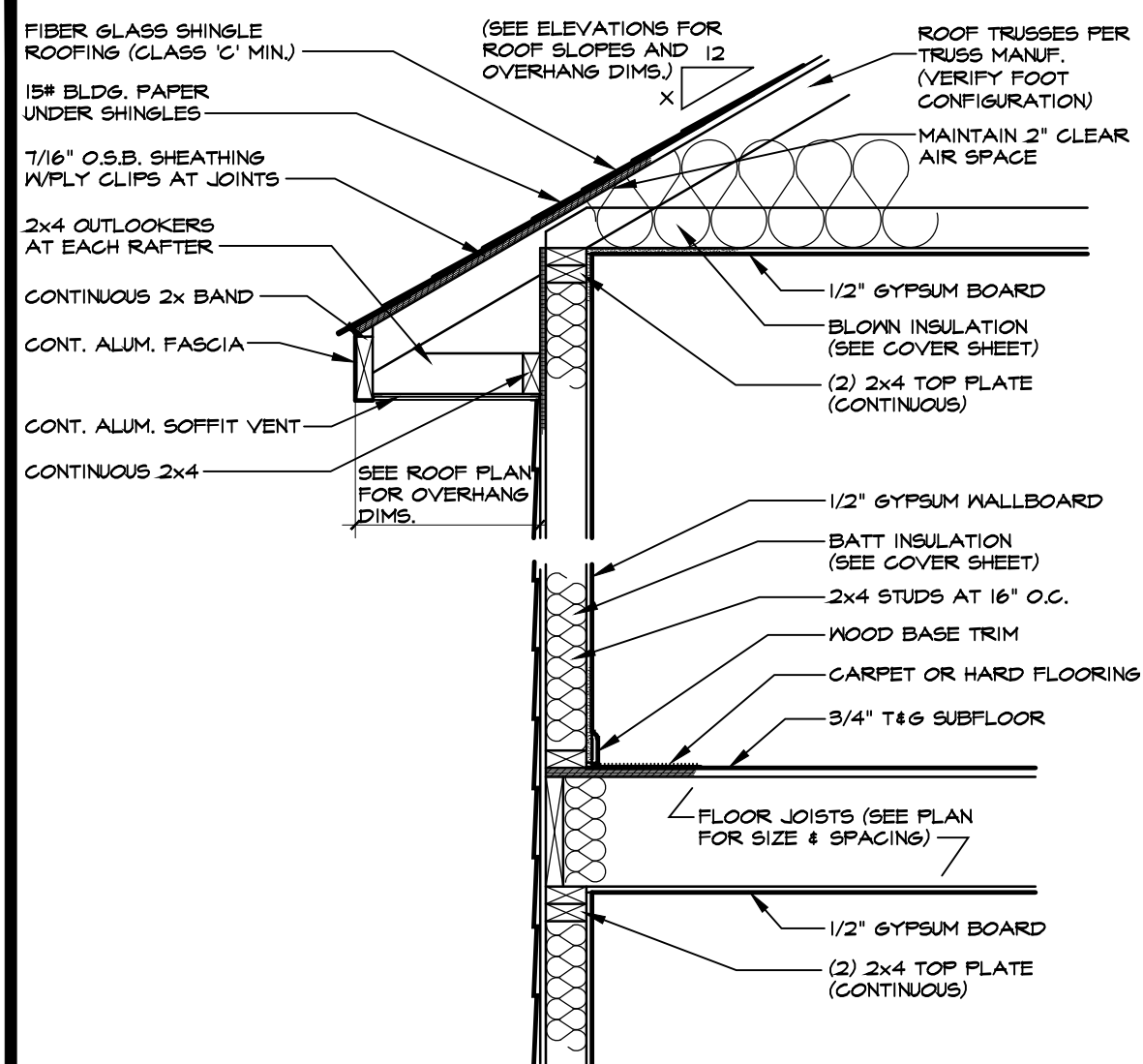


OPTIONAL CORNER FIREPLACE

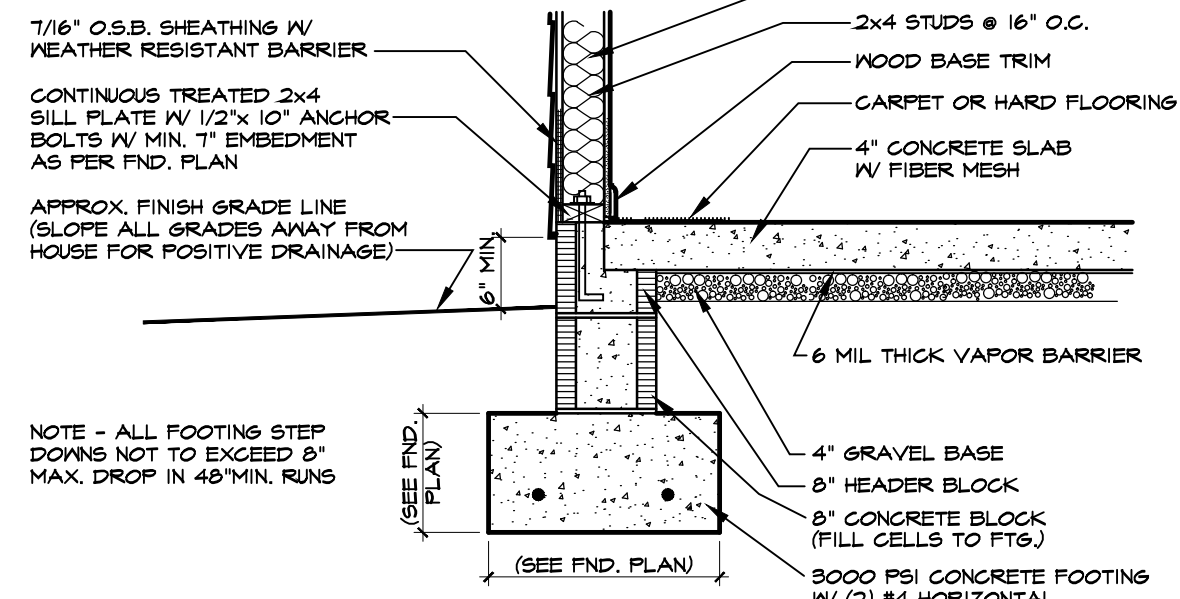
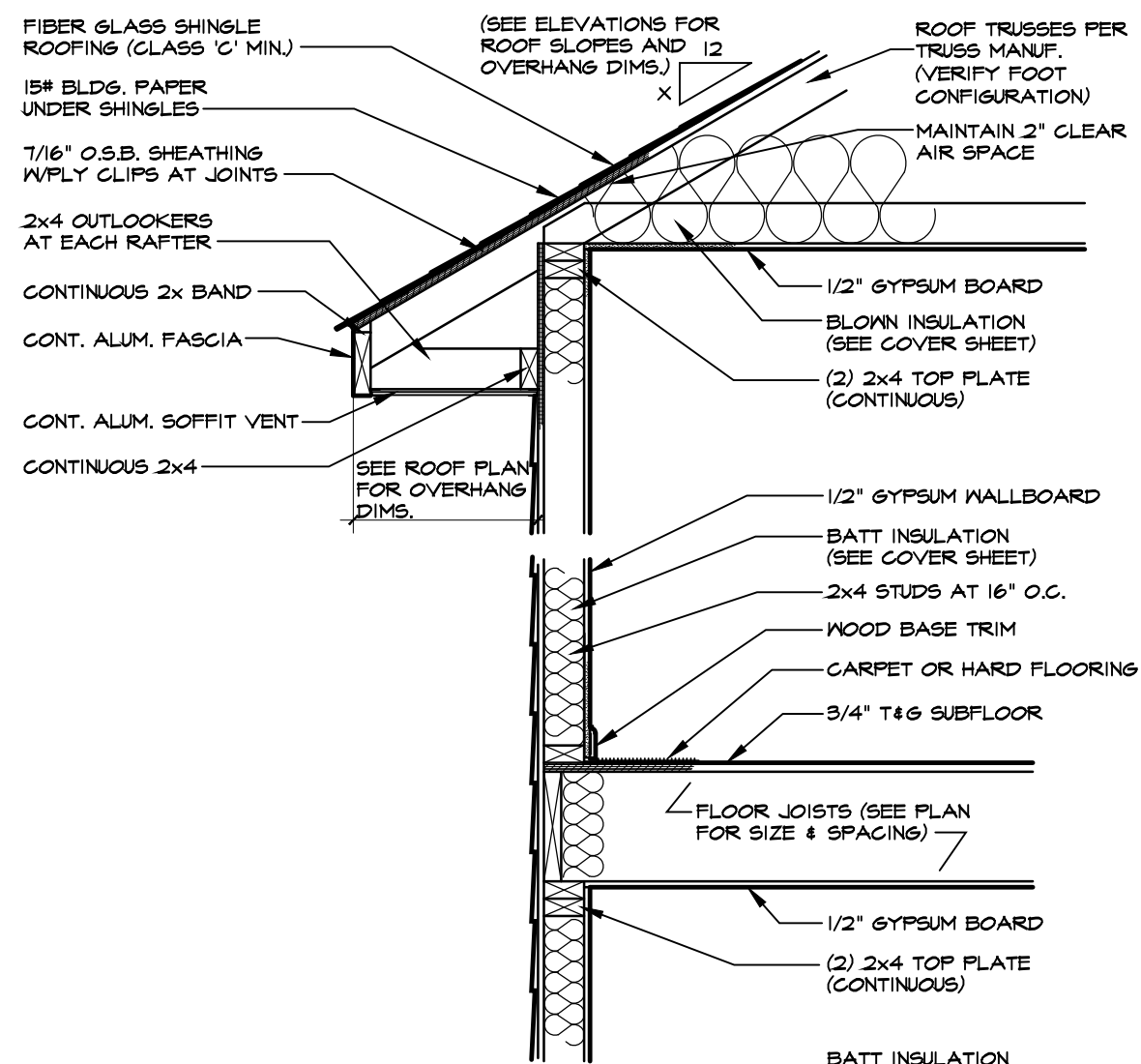


OPTIONAL MASTER BATH

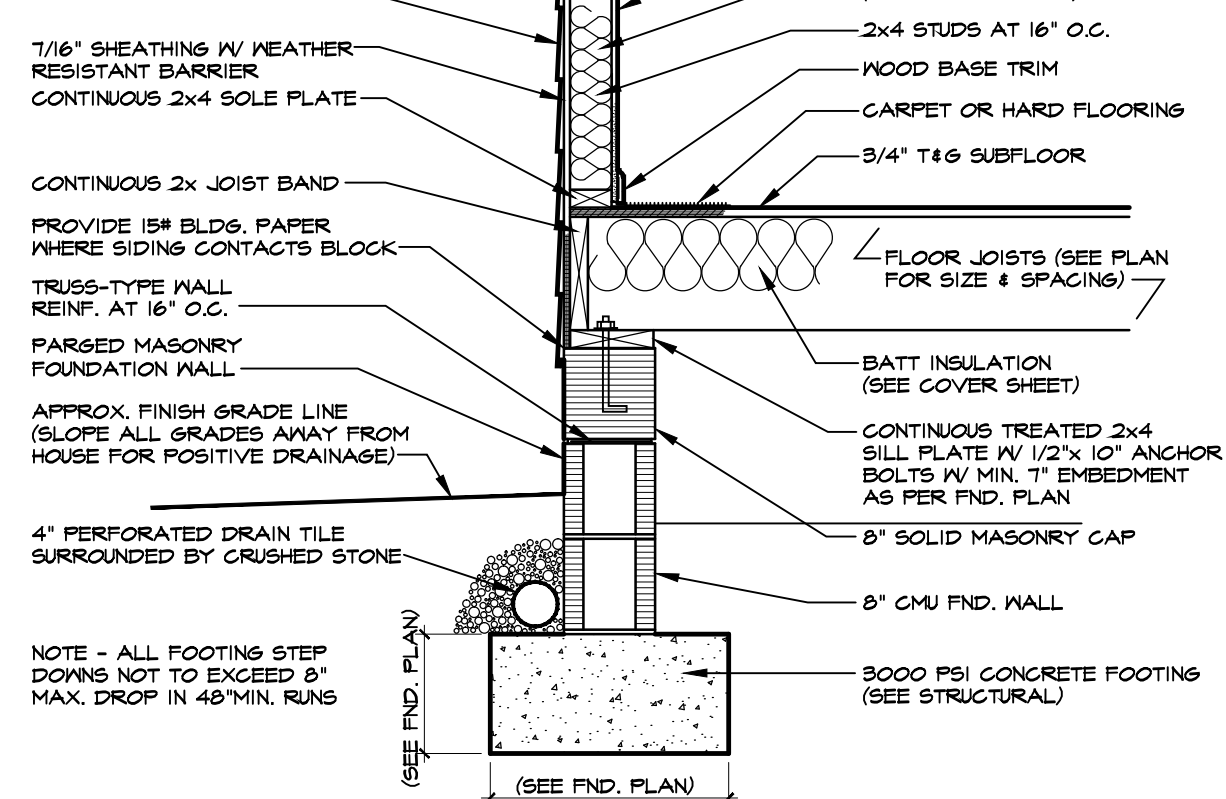
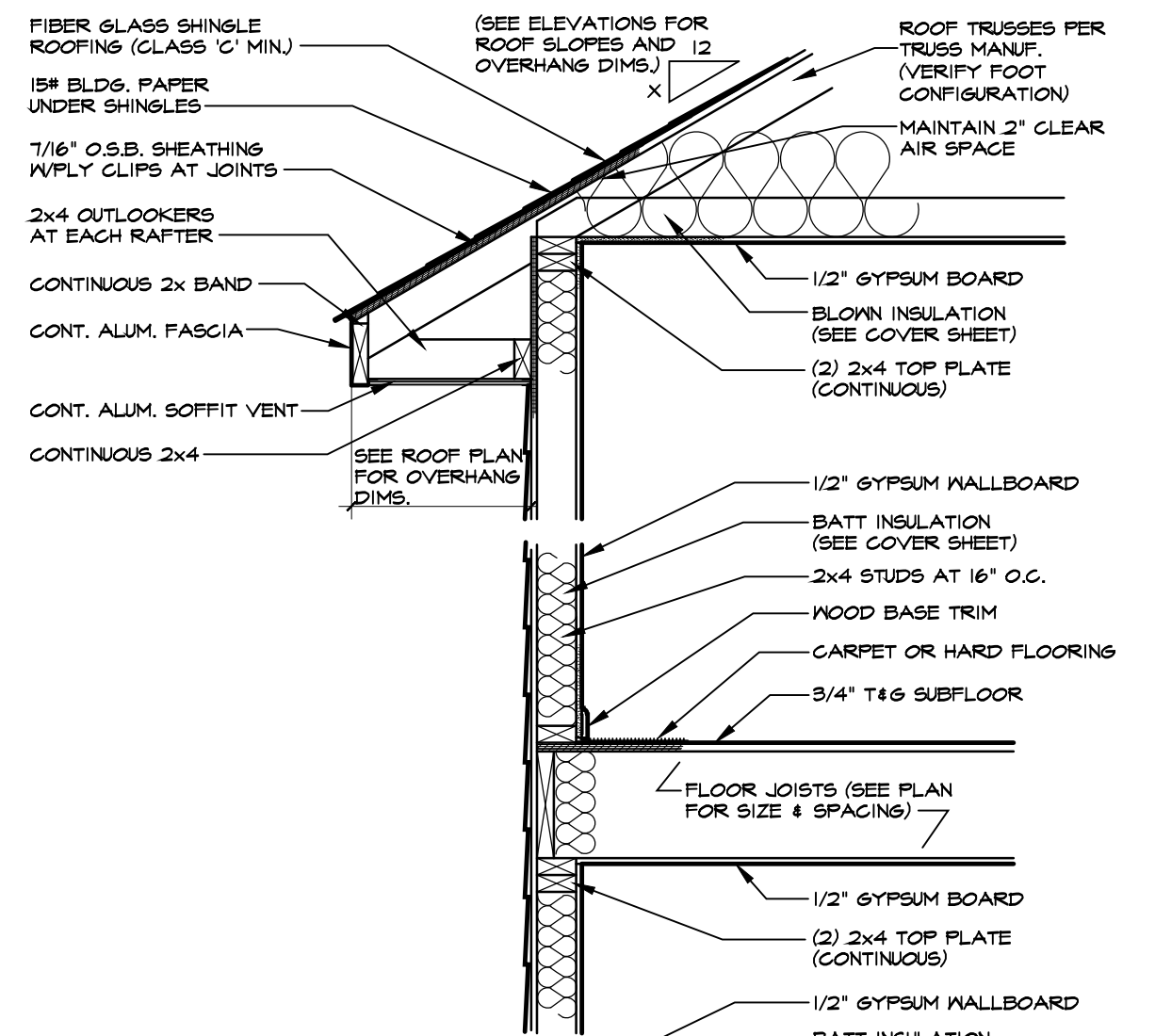
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		OPTIONAL MASTER BATH
		4' X 3' (1) PC. FIBERGLASS SHOWER IN LIEU OF LINEN CLOSET
		4' X 4' FIXED OBSCURED GLASS WINDOW



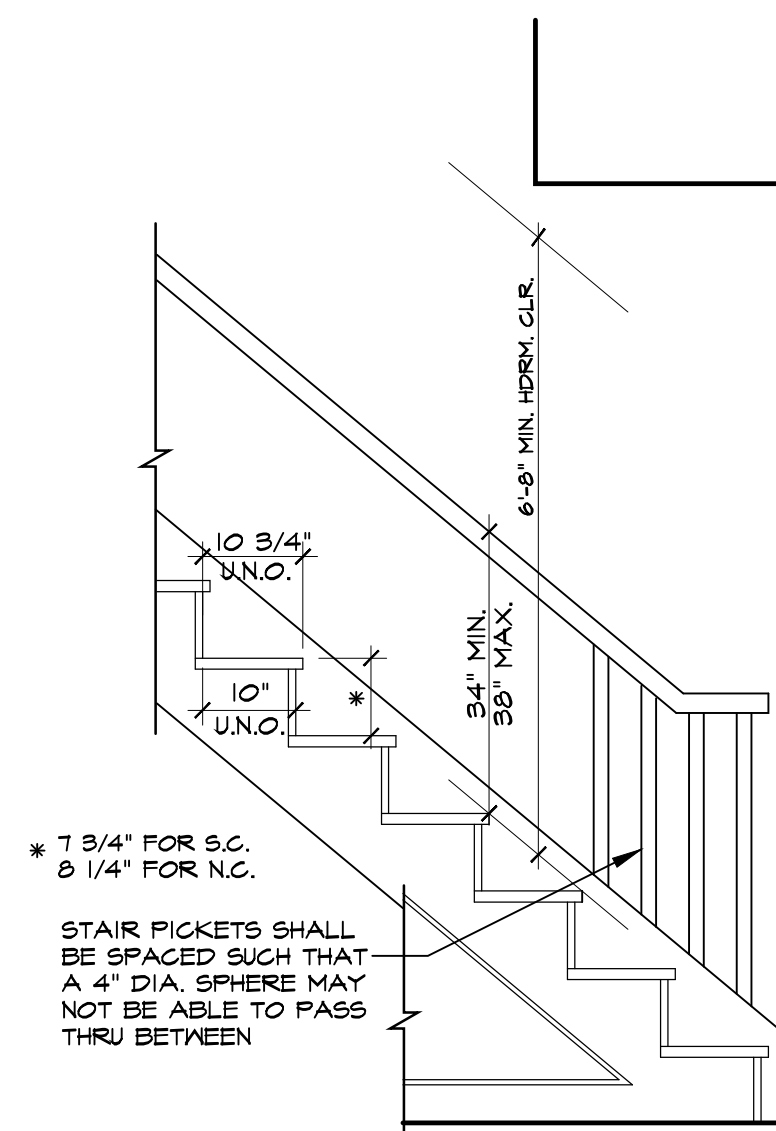
1 TWO-STORY WALL SECTION W/SIDING
SCALE: 3/4"=1'-0"



2 TWO-STORY WALL SECTION W/SIDING
SCALE: 3/4"=1'-0"



3 TWO-STORY WALL SECTION W/SIDING
SCALE: 3/4"=1'-0" (PARGE MASONRY FOUNDATION)



4 TYPICAL STAIR DETAIL

BL #CNC 1330140

GARNER, NC 27529
919-233-6747 (office) 919-233-6780 (fax)

HOMES



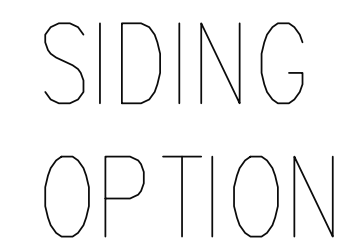
TYPICAL DETAIL SHEET

DATE DRAWN

REVISIONS

SHEET

D1



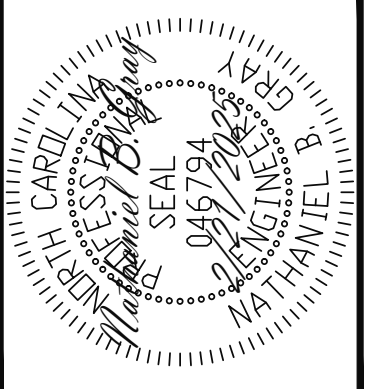
PLAN DESIGNED UNDER
2018 NORTH CAROLINA
RESIDENTIAL CODE

NOTES:

- HEIGHT AND BACKFILL LIMITATIONS FOR FOUNDATION WALLS ARE TO BE GOVERNED BY THE NCSBC, LATEST EDITION.
- FIBER MESH REINFORCED CONCRETE MAY BE USED IN LIEU OF WELDED WIRE FABRIC. SEE SECTION 6.01 OF THE CONSTRUCTION SPECIFICATIONS FOR ALLOWABLE SUBSTITUTION DETAILS.
- ALL APPLIANCE AND PLUMBING LOCATIONS ARE FOR REFERENCE ONLY. FINAL LOCATIONS MUST BE VERIFIED WITH ARCHITECTURAL FLOOR PLANS.

FOUNDATION PLAN
MONO SLAB OPTION
 $1/4" = 1'-0"$

Engineering Tech
ASSOCIATES, P. C.



ADAMS HOMES		
STRUCTURAL ADDENDUM		
SCOPE	25 KIPLING CREEK	ENG: NIBC/WHF
LOT #:		REV:
	3105 MASTER	DATE: 2/21/2025

PLAN NO.
3105

PROJECT NO.
25-18-080

SHEET NO.
S1
1 of 7

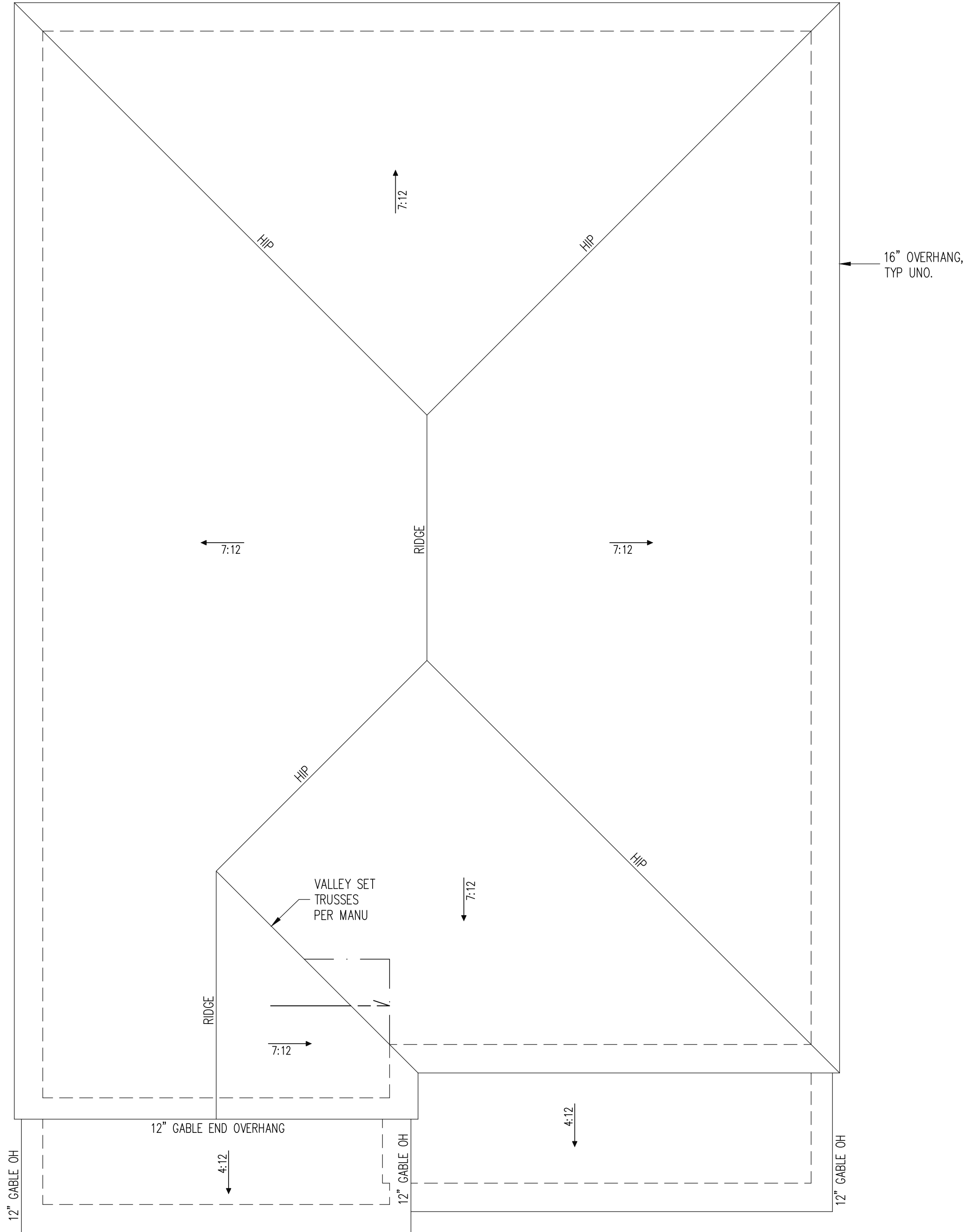


ADAMS HOMES	
SCOPE:	STRUCTURAL ADDENDUM
LOT #:	25 KIPLING CREEK
ENG:	NBGAWHF
REV:	2/21/2025
DATE:	3105 MASTER

PLAN NO.
3105

PROJECT NO.
25-18-080

SHEET NO.
S2
2 of 7



SIDING
OPTION
ELEV A

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TRUSS UPLIFT CONNECTORS

EXPOSURE B, 120 MPH, ANY PITCH, 24" O.C. MAX ROOF TRUSS SPACING

TRUSSES SHALL BE ATTACHED TO SUPPORT WALL FOR UPLIFT RESISTANCE. CONTINUOUS OSB WALL SHEATHING BELOW PROVIDES CONTINUOUS UPLIFT RESISTANCE TO FOUNDATION. ALL TRUSSES SUPPORTED BY INTERMEDIATE SUPPORT WALLS, KNEEWALLS OR BEAMS SHALL BE ATTACHED TO SUPPORTING MEMBER PER SCHEDULE BELOW.

ROOF SPAN IS MEASURED HORIZONTALLY BETWEEN FURTHEST SUPPORT POINTS.

ROOF SPAN UP TO 18' CONNECTOR NAILING PER TABLE 602.3(1) NCRC 2018 EDITION

OVER 18' (1) SIMPSON H2.5A HURRICANE CLIP TO DBL TOP PLATE OR BEAM

FRAMING NOTES

ROOF ONLY

- ROOF TRUSSES PER MANU. TYPICAL U.N.O.
- ROOF PITCHES 7:12 TYP U.N.O.
- VERIFY ALL KNEEWALL HEIGHTS, ROOF PITCHES, AND ARCHITECTURAL OVERHANGS PRIOR TO CONSTRUCTION

ROOF FRAMING PLAN

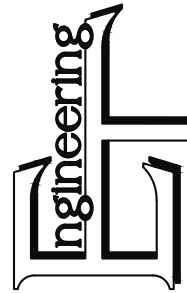
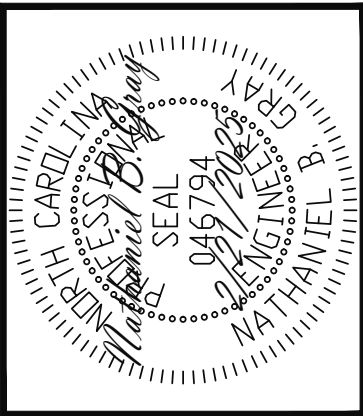
1/4" = 1'-0"

ADAMS HOMES			
SCOPE	STRUCTURAL ADDENDUM		
LOT #:	25 KIPLING CREEK	ENG:	NBC/WHF
		REV:	
	3105 MASTER	DATE	2/21/2025

PLAN NO.	
3105	

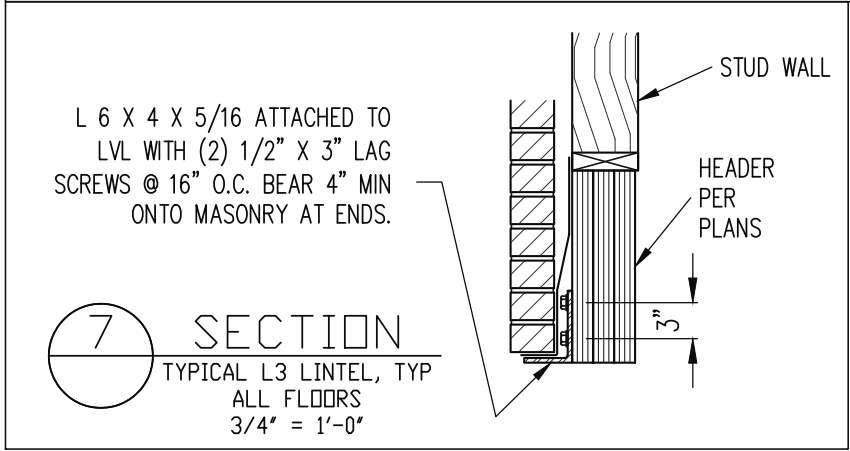
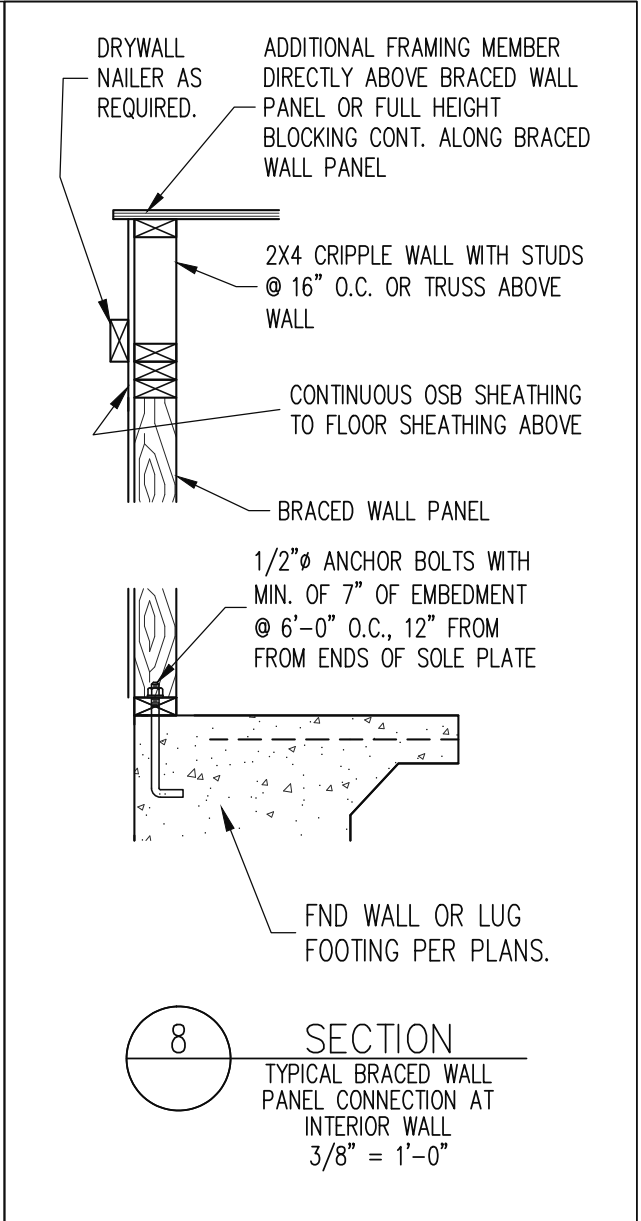
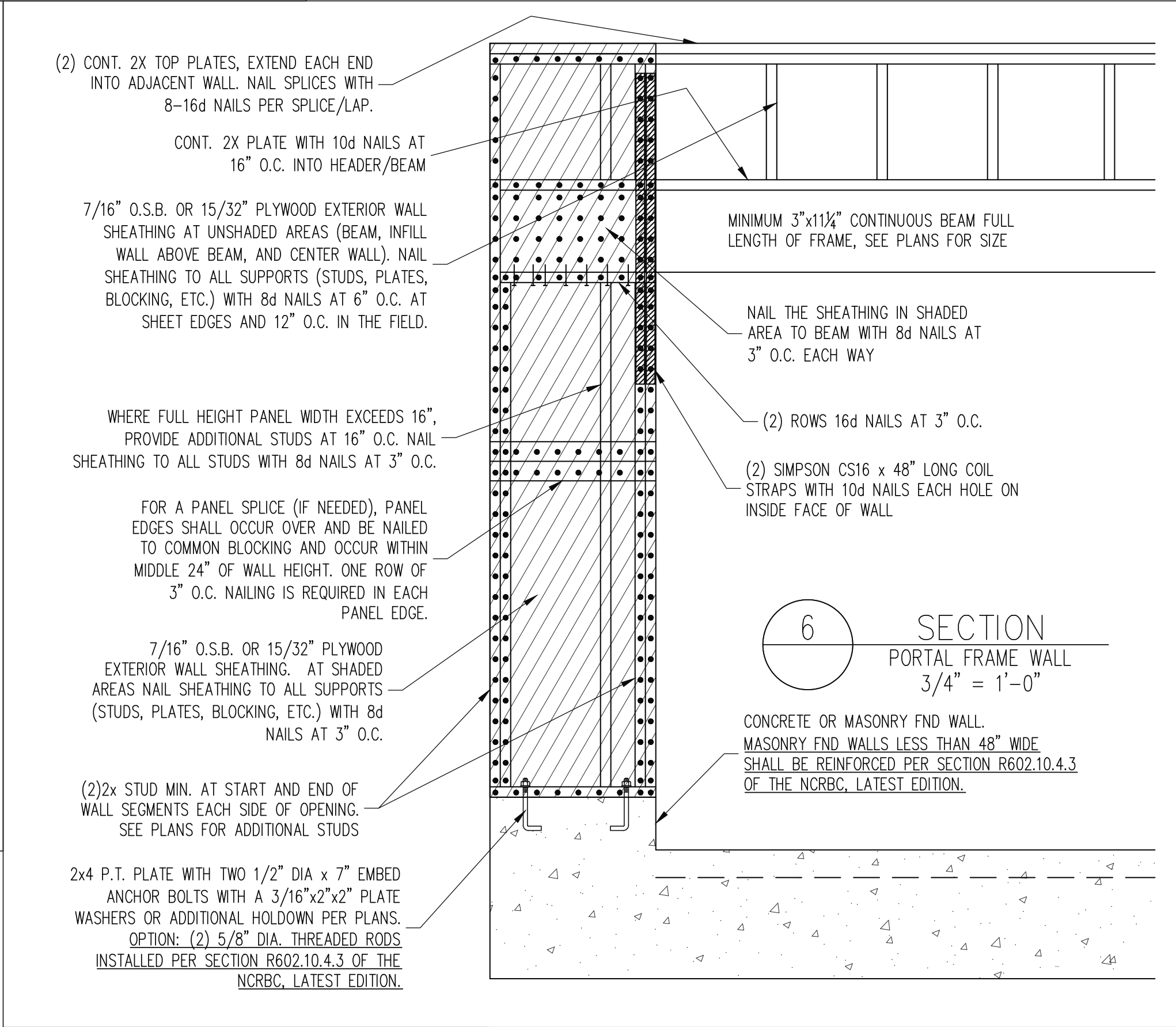
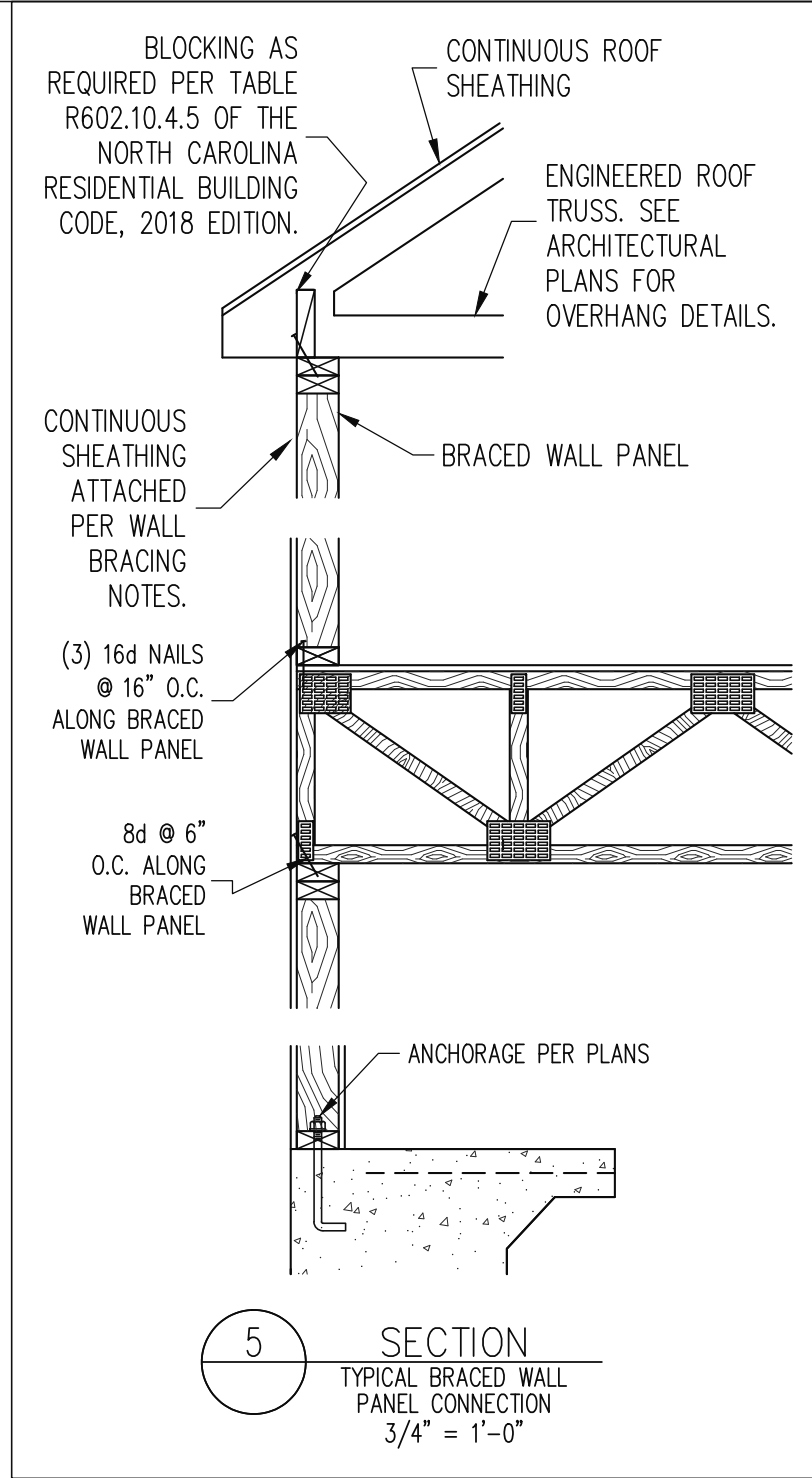
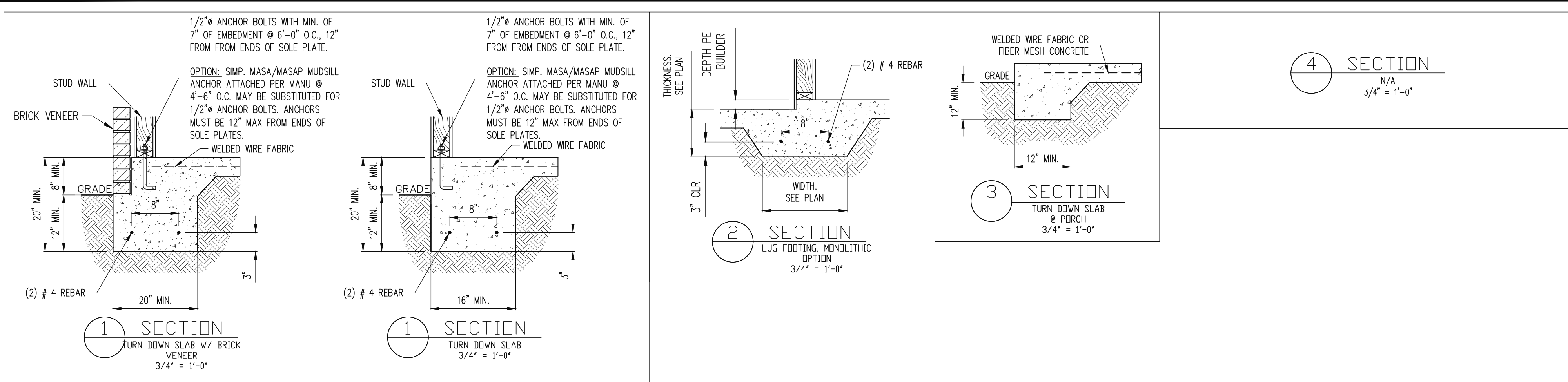
PROJECT NO.	
25-18-080	

SHEET NO.	
S4	
4	of 7



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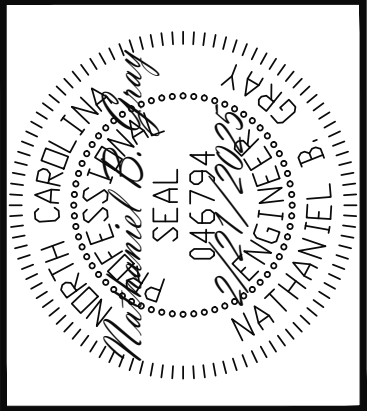
ASSOCIATES, P.A.



MONOSLAB

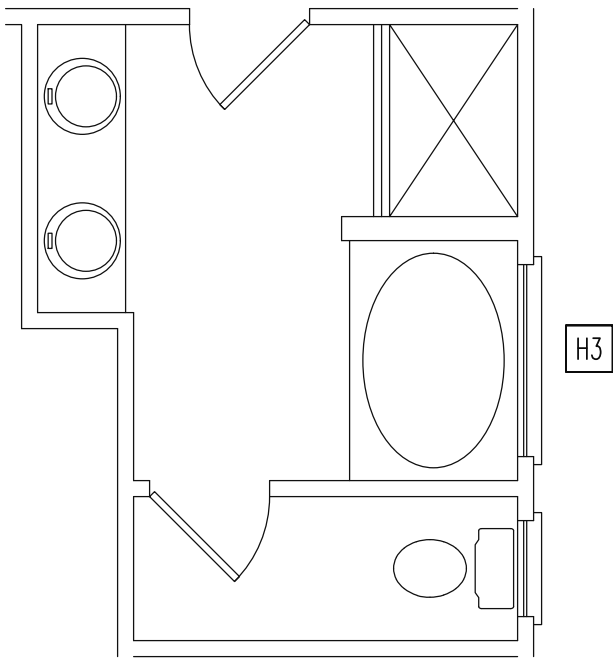
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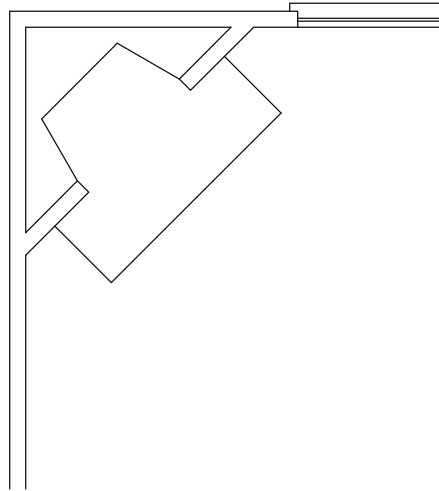


ADAMS HOMES			
SCOPE:	STRUCTURAL ADDENDUM		
LOT #:	25 KIPLING CREEK	ENG:	NBC/WHF
		REV:	
	3105 MASTER	DATE:	2/21/2025

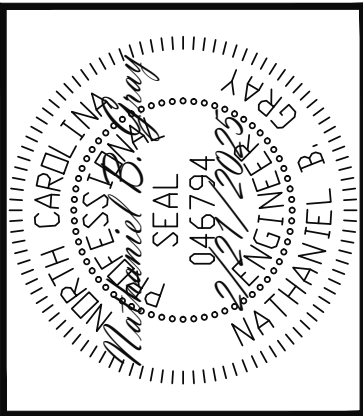
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3105	
PROJECT NO.	
25-18-080	
SHEET NO.	
SD1	
5 of 7	



OPTIONAL MASTER BATH



OPTIONAL CORNER FIREPLACE



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LLC

Associa

TES

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ADAMS HOMES			
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25-18-080

SHEET NO.
S7
7 of 7