

Residence for

Adams Homes AEC, LLC

Plan 2628 "A" FE (L) KC017

GENERAL NOTES

- 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.).
- DIMENSIONS SHOWN ON DRAWINGS GOVERN OVER SCALE.
- STUD WALL DESIGN SHALL CONFORM TO ALL N.C.S.R.B.C. REQUIREMENTS.
- CONTRACTOR SHALL USE TEMPERED SAFETY GLASS IN ALL LOCATIONS AS REQUIRED BY N.C.S.R.B.C., 2018 EDITION, SECTION R308.4
- ANY HABITABLE ROOM SHALL MEET ALL LIGHT/VENTILATION AND EGRESS AS REQUIRED BY N.C.S.R.B.C., 2018 EDITION, SECTIONS R-309.1 AND R-310.1
- ALL WALLS SHOWN ON FLOOR PLANS ARE 2x4 FRAME UNLESS NOTED OTHERWISE.
- ALL ANGLED WALLS SHOWN ON FLOOR PLANS ARE 45° UNLESS NOTED OTHERWISE.
- 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., 2018 EDITION, TABLE 301.2(6).
- 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, 2018 EDITION, AS SHOWN IN TABLES N1101.2 AND N1102.1.
- TERMITE TREATMENT - BORATE APPLIED TO ALL FRAME MEMBERS WITHIN 24" AFF.

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COVER SHEET

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RESIDENTIAL BUILDING CODE SUMMARY

- PLANS ARE DESIGNED TO THE 2018 NORTH CAROLINA RESIDENTIAL BUILDING CODE.
- HOUSE IS DESIGNED FOR 120 MPH, 3 SECOND GUST (93 MPH FASTEST WIND), EXPOSURE B.
- 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 LUG FTG.
- MEAN ROOF HEIGHT: 24'-4"
- 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-19 / 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 R703.8 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

BASEMENT:	1013	GARAGE:	542
1ST FLOOR:	1238	FRONT PORCH:	115
2ND FLOOR:	1390	DECK:	140
TOTAL:	3641	TOTAL:	797

WIDTH:	39'-0"	UNF. BASEMENT:	155
DEPTH:	52'-0"	LOWER PATIO:	140

FOUNDATION VENTING CALCULATIONS

NOT NEEDED WITH BASEMENT

ATTIC VENTILATION REQUIREMENTS

NATURAL ROOF VENTILATION	MECHANICAL ROOF VENTILATOR
1895 SQ. FT.	1894 SQ. FT.
150	300

BUILDER TO PROVIDE APPROPRIATE VENTILATING AS REQUIRED PER CODE

MATERIALS LEGEND

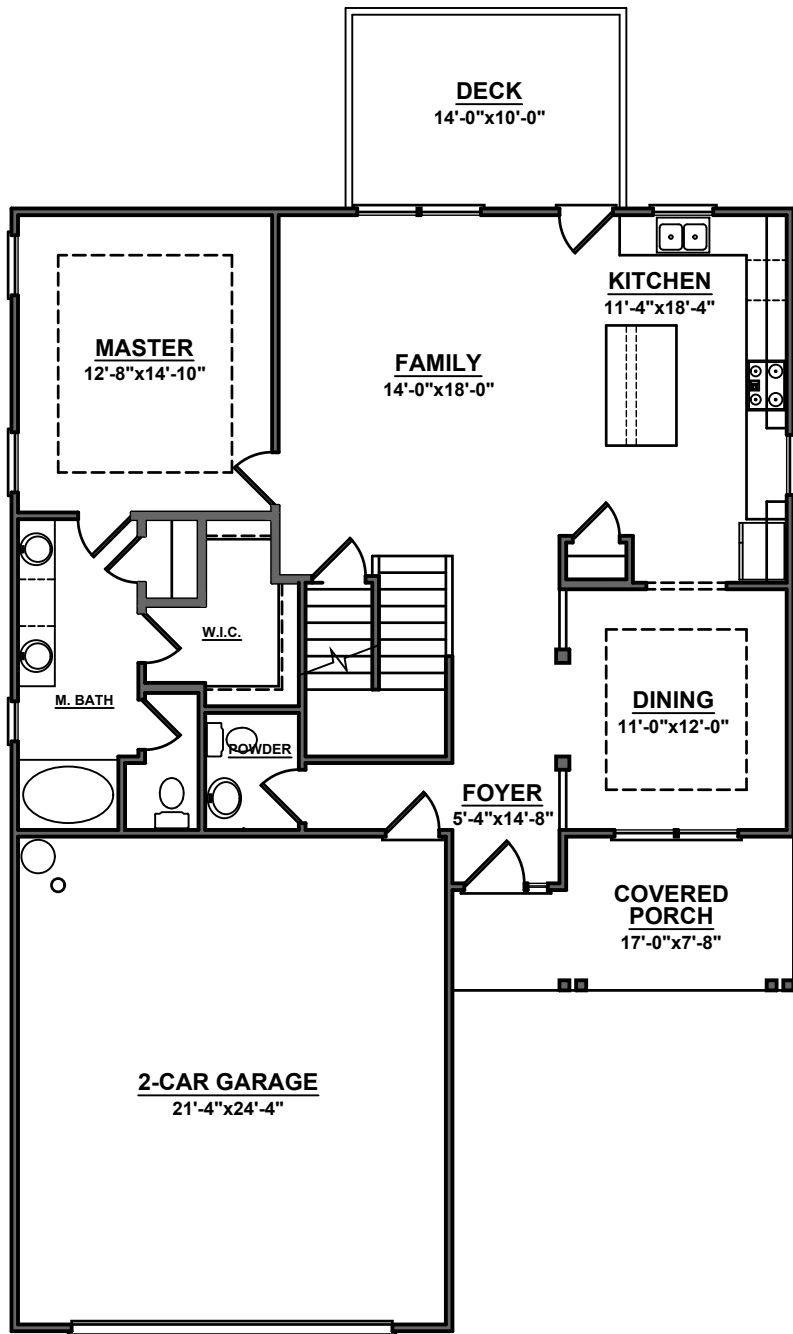
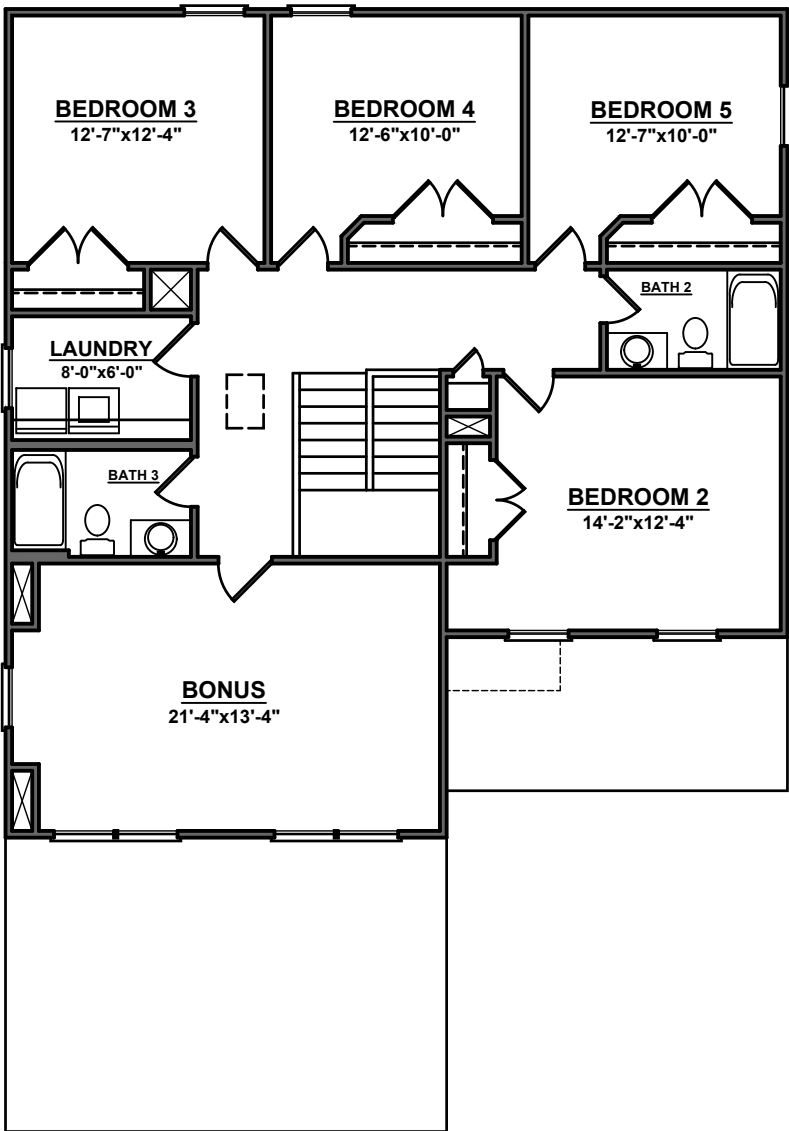
	EARTH/COMPACT FILL		FINISH WOOD
	CONCRETE		ROUGH WOOD
	BRICK		BLOCKING
	CONCRETE BLOCK/STONE		PLYWOOD
	STEEL		BATT INSULATION
	ALUMINUM		RIGID INSULATION

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.

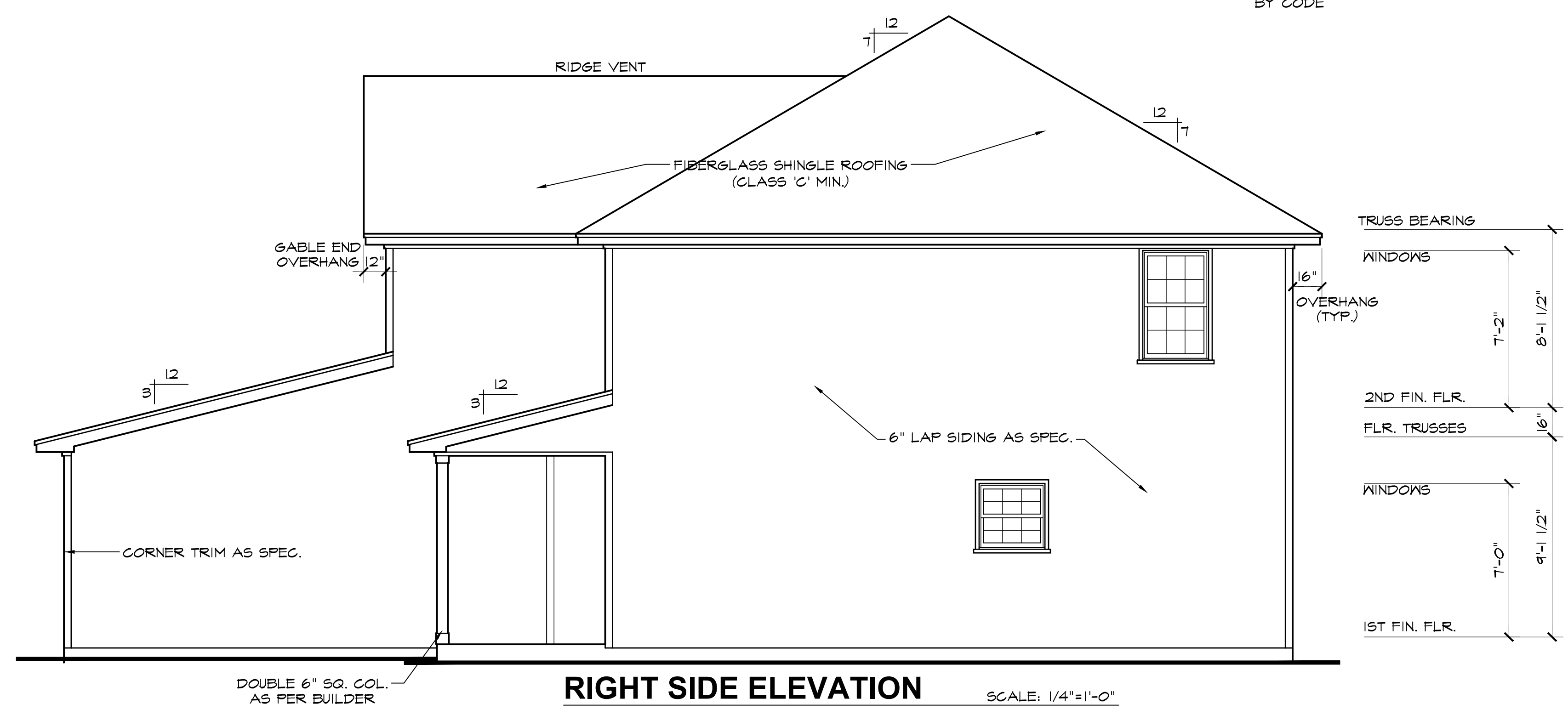
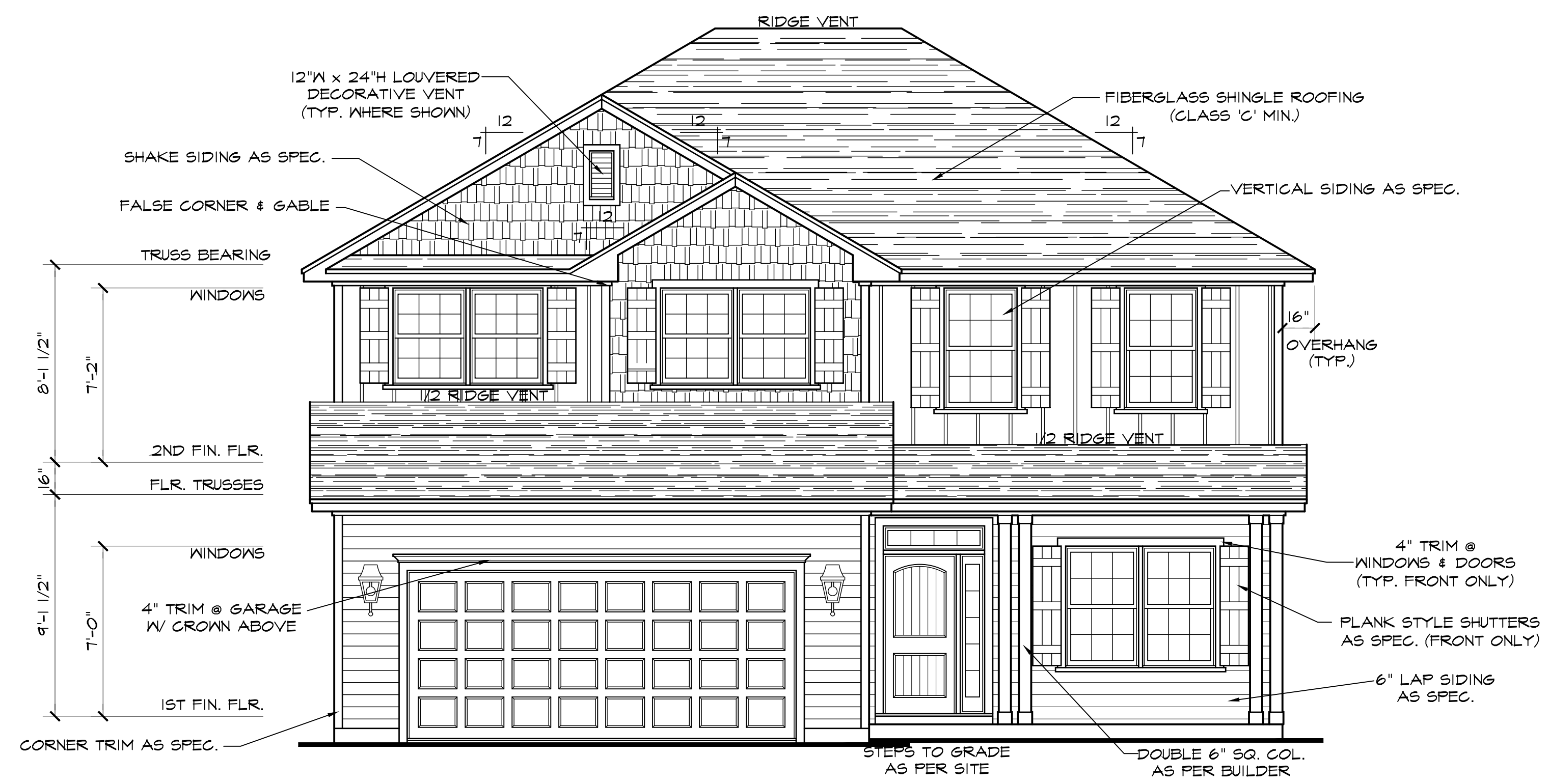


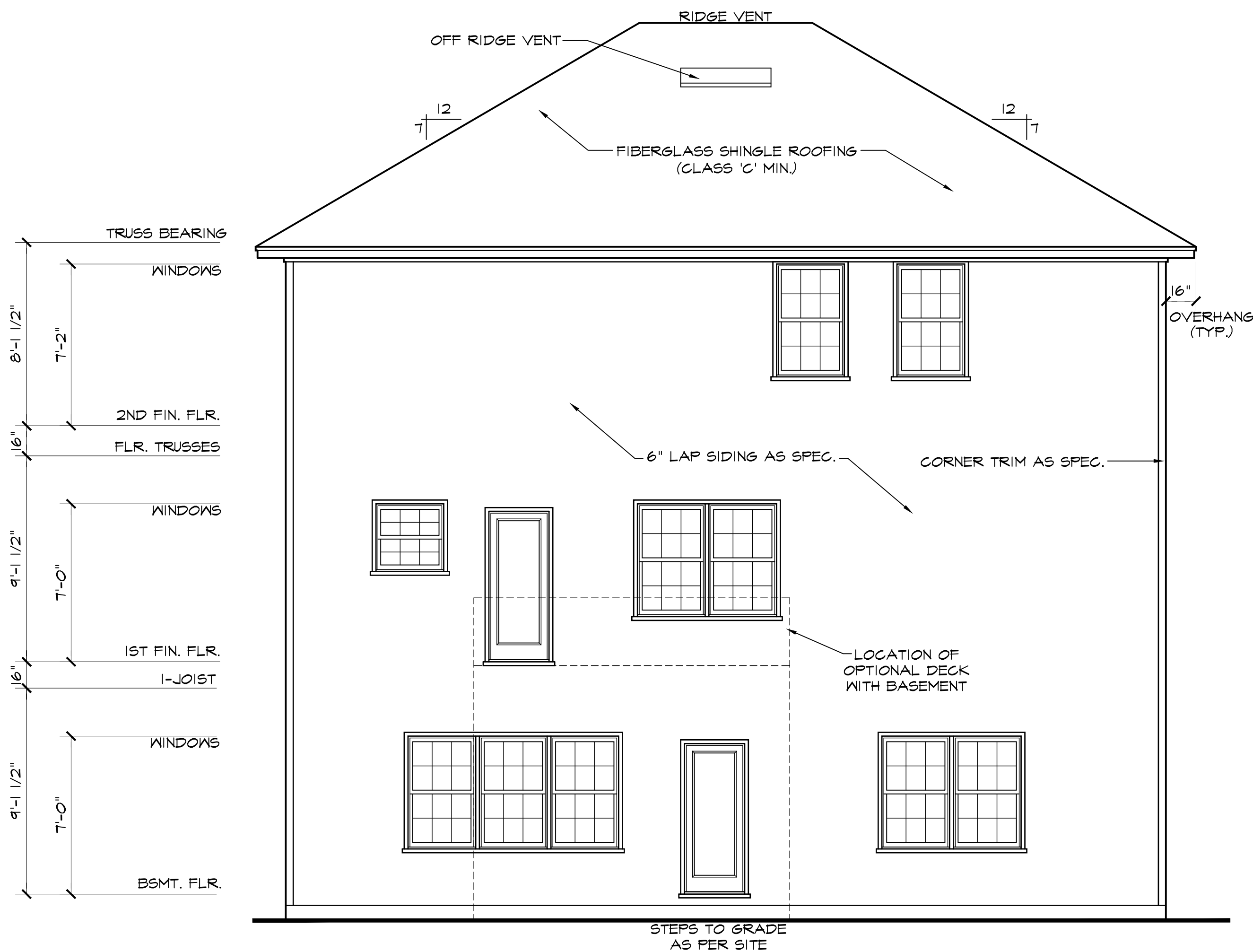
7380



HOMES AEC, LLC

DATE DRAWN
2/26/2025
PROJECT
T380
REVISIONS

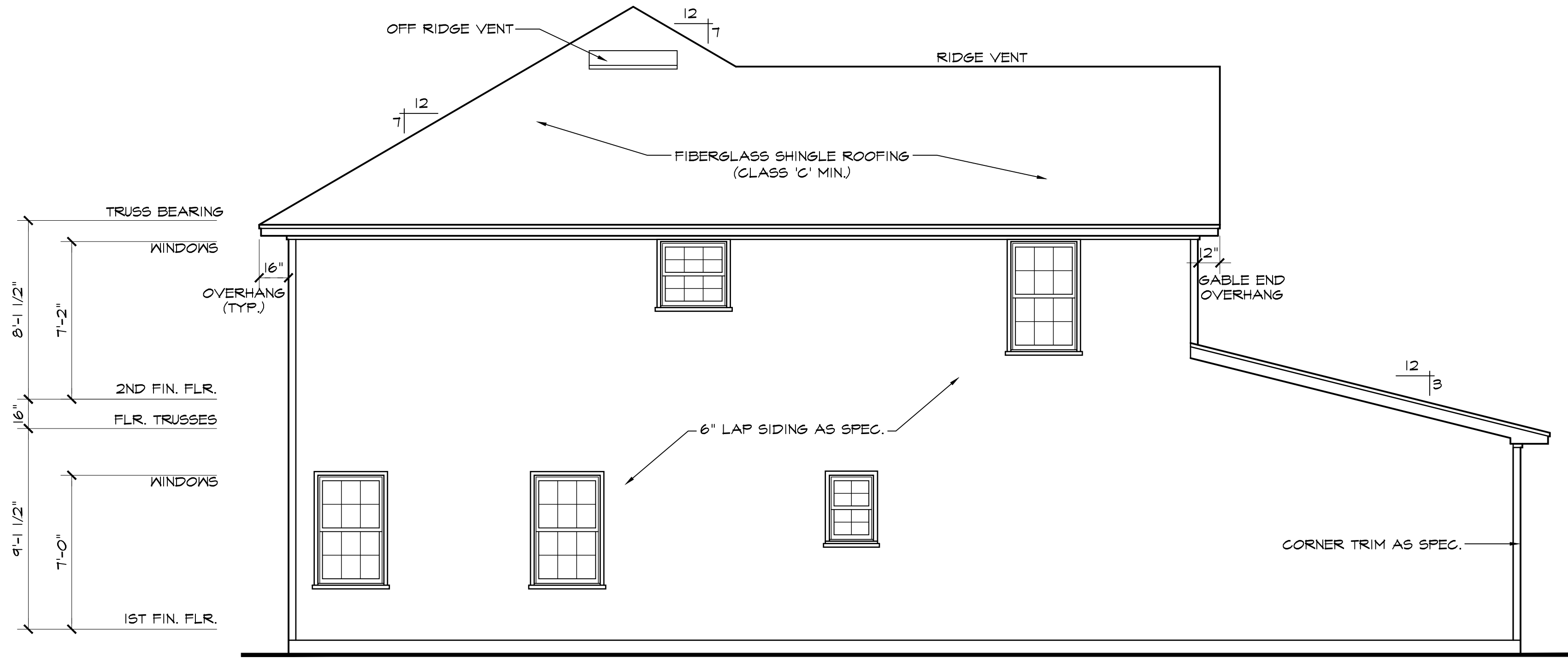




REAR ELEVATION

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

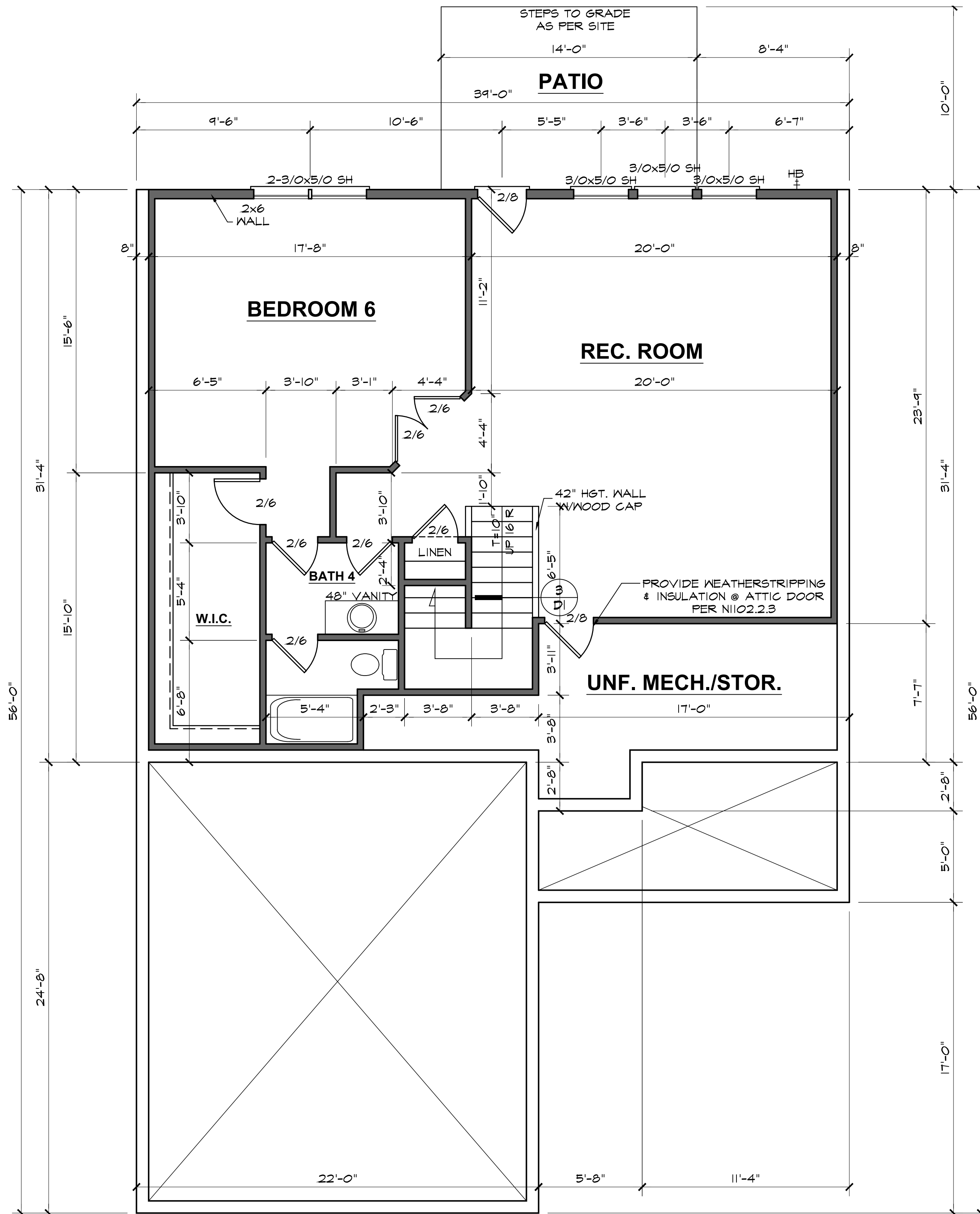
NOTE - SLOPE ALL GRADES AWAY FROM HOUSE FOR POSITIVE DRAINAGE



LEFT SIDE ELEVATION

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

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BASEMENT FLOOR PLAN

9'-0" (NOM.) CLG. HGT. U.N.O.
SET WINDOWS @ 7'-0" U.N.O.

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

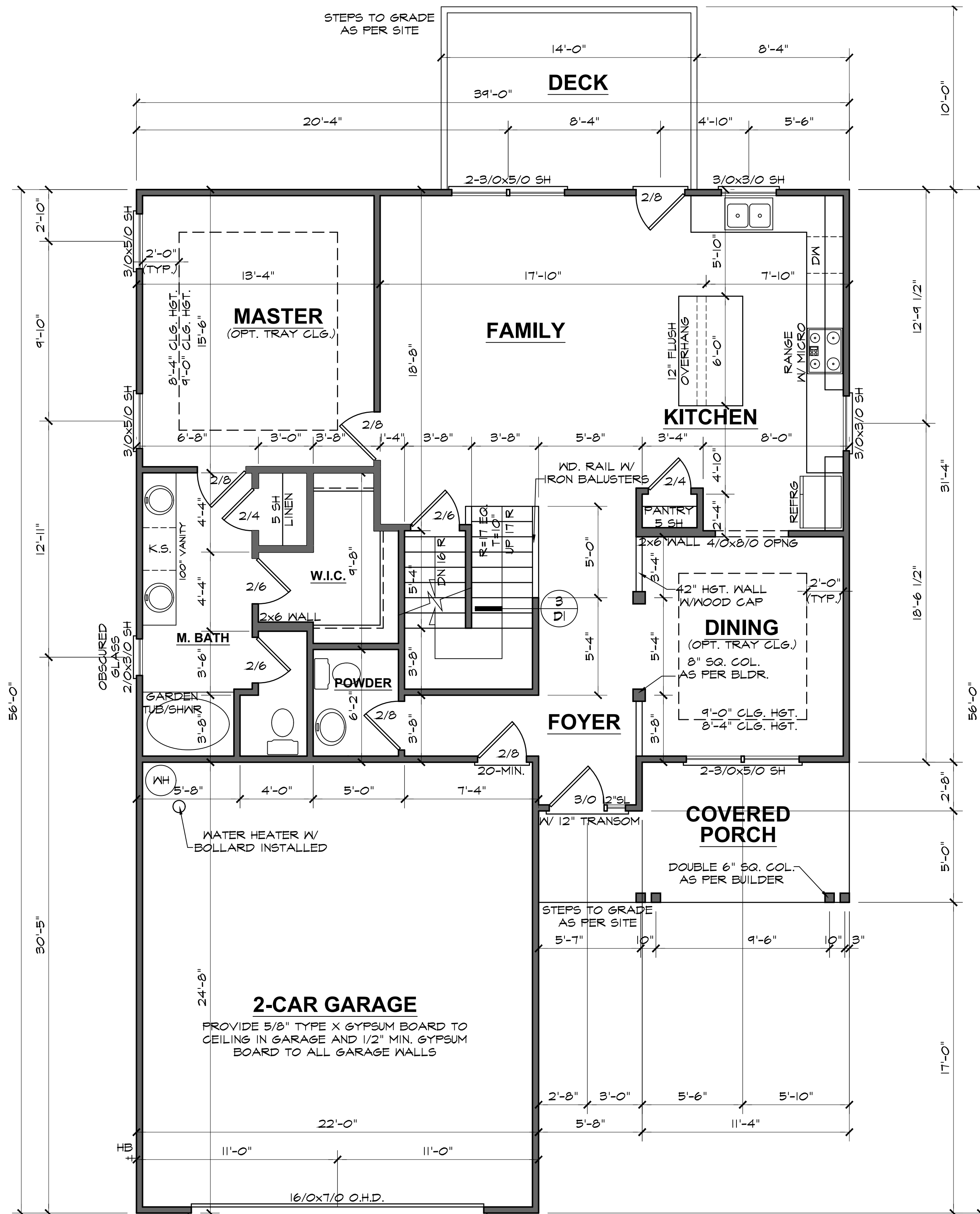
2628 "A" FE L KC017

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PROJECT
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REVISIONS

SHEET

4





FIRST FLOOR PLAN

9'-0" (NOM.) CLG. HGT. U.N.O. SCALE: 1/4"=1'-0"
SET WINDOWS @ 7'-0" U.N.O.

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REVISIONS

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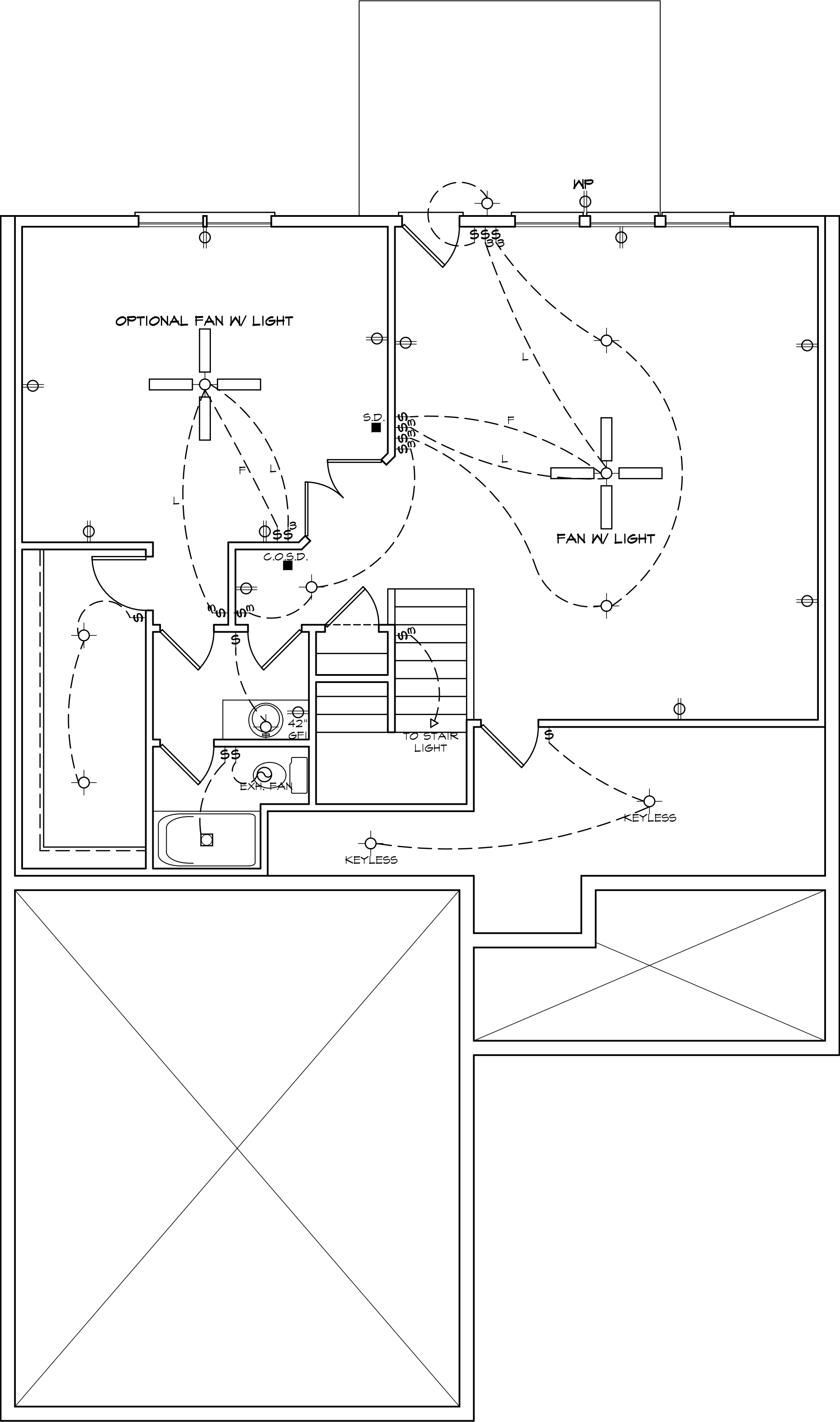
SECOND FLOOR PLAN

8'-0" (NOM.) CLG. HGT. U.N.O. SCALE: 1/4"=1'-0"
SET WINDOWS @ 7'-2" U.N.O.

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ELECTRICAL LEGEND

-

LIGHT FIXTURE

-

FAN/LIGHT

-

WATERPROOF OUTLET

-

RECESSED LIGHTING

-

SINGLE PULL SWITCH

-

3-WAY SWITCH

-

4-WAY SWITCH

-

DIMMER SWITCH

-

SMOKE DETECTOR

-

FLOOD LIGHTS

-

EYEBALL SPOTS

-

DUPLEX RECEPTACLE (110V)

-

220 VOLT RECEPTACLE

-

SWITCHED RECEPTACLE (TOP WIRE ONLY)

-

GROUND FAULT CIRCUIT INTERRUPTOR

-

CLG FAN/LIGHTS

-

TRACK LIGHTS

-

FLUORESCENT LIGHTING

-

CABLE OUTLET

-

TELEPHONE OUTLET

-

COMPUTER DATA OUTLET

-

BURSLAR ALARM

-

INTERCOM

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

BASEMENT 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.

2628 "A" FE L KC017

DATE DRAWN

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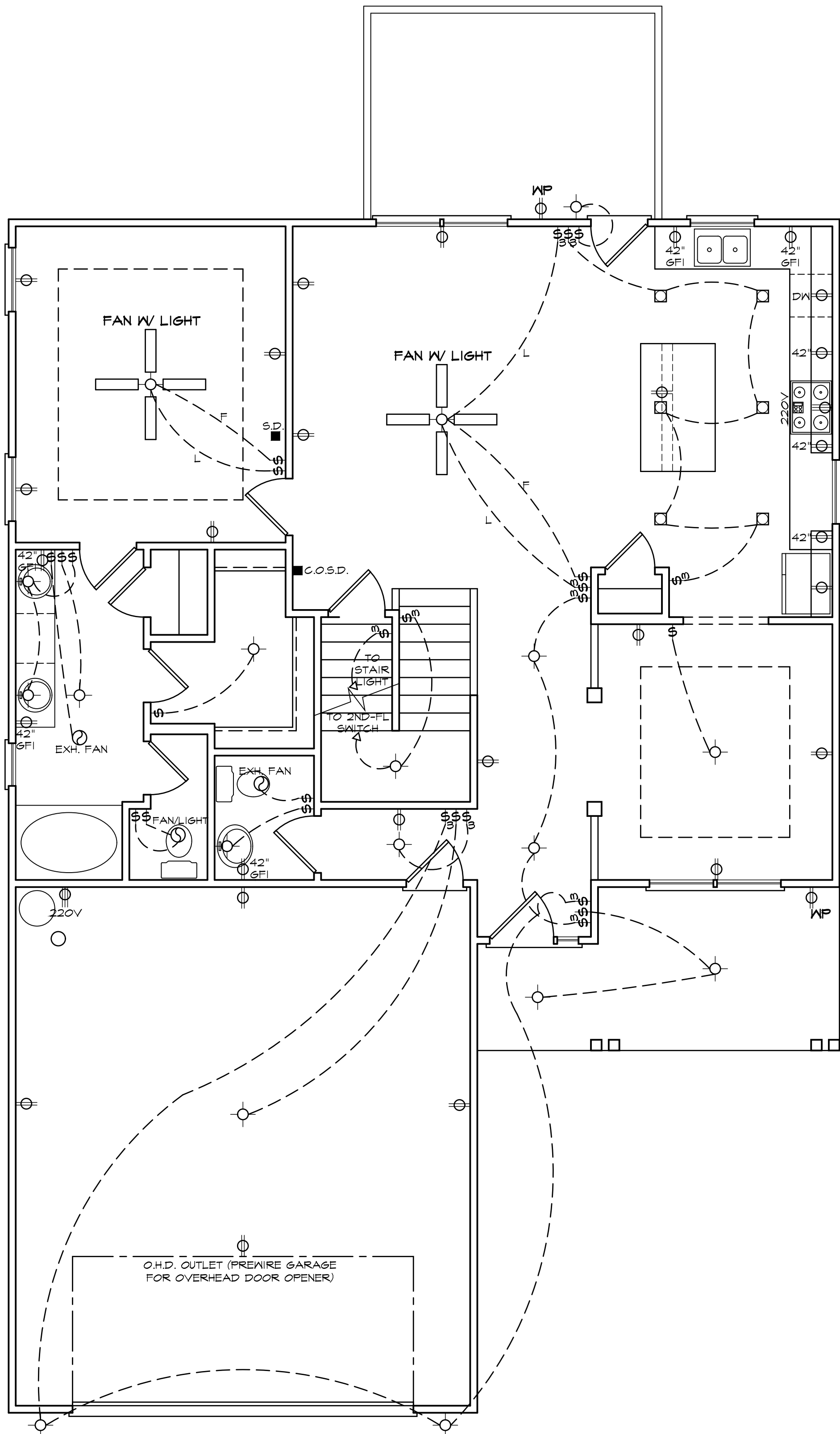
PROJECT

7380

REVISIONS

SHEET

7



ELECTRICAL LEGEND

-

LIGHT FIXTURE

-

FAN/LIGHT

-

WATERPROOF OUTLET

-

RECESSED LIGHTING

-

SINGLE PULL SWITCH

-

3-WAY SWITCH

-

4-WAY SWITCH

-

DIMMER SWITCH

-

SMOKE DETECTOR

-

FLOOD LIGHTS

-

EYEBALL SPOTS

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SWITCHED RECEPTACLE (TOP WIRE ONLY)

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GROUND FAULT CIRCUIT INTERRUPTOR

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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.

FIRST 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.

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2/26/2025

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REVISIONS

SHEET

8

FLOOR PLAN OPTION SHEET

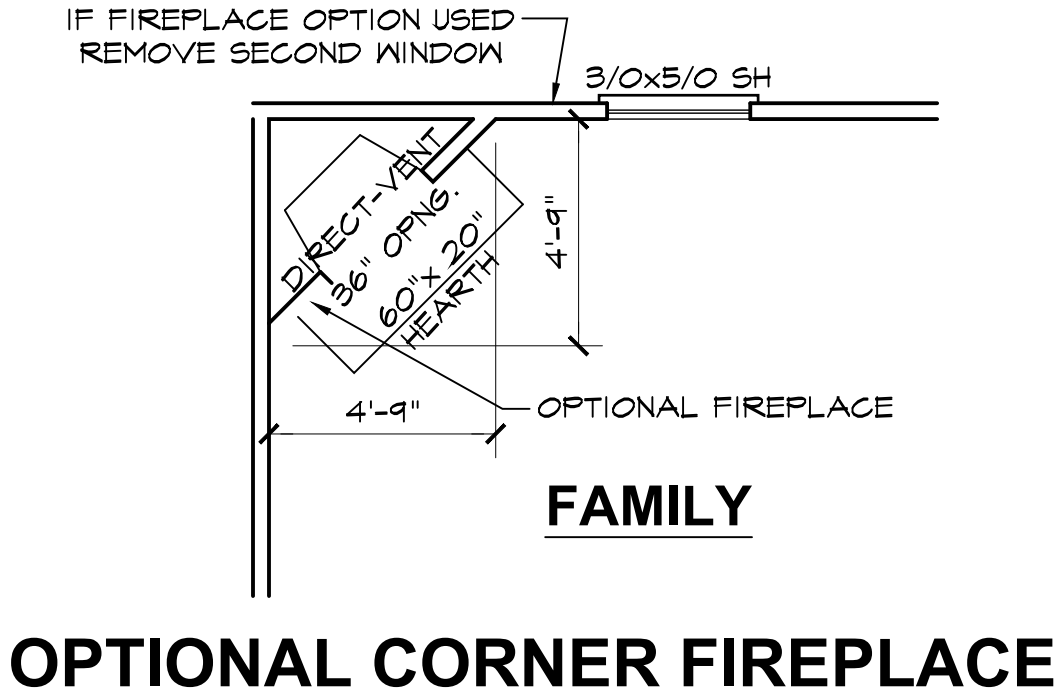
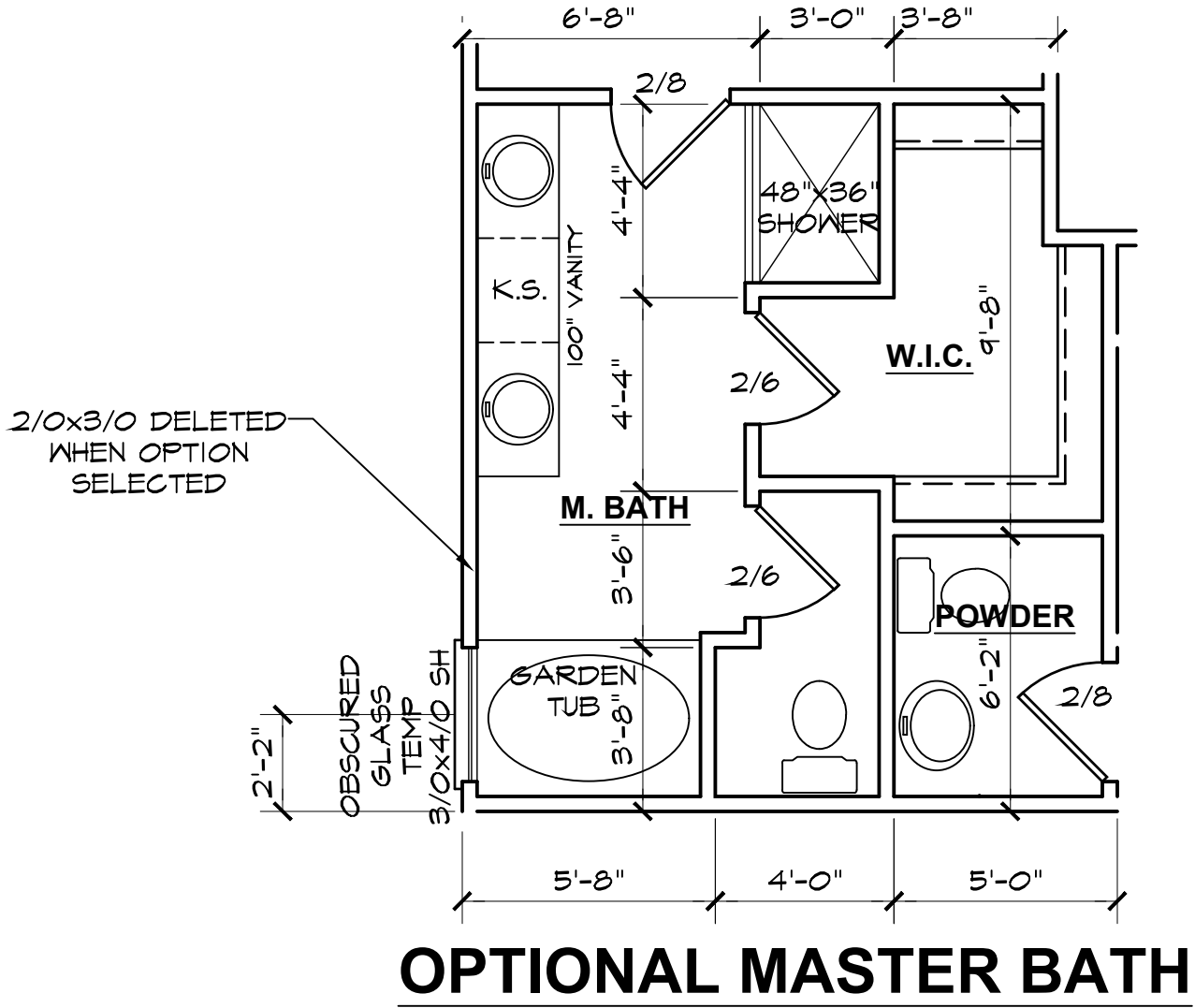
2628 "A" FE L KC017

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2/26/2025
PROJECT
7380
REVISIONS

SHEET
opt1



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

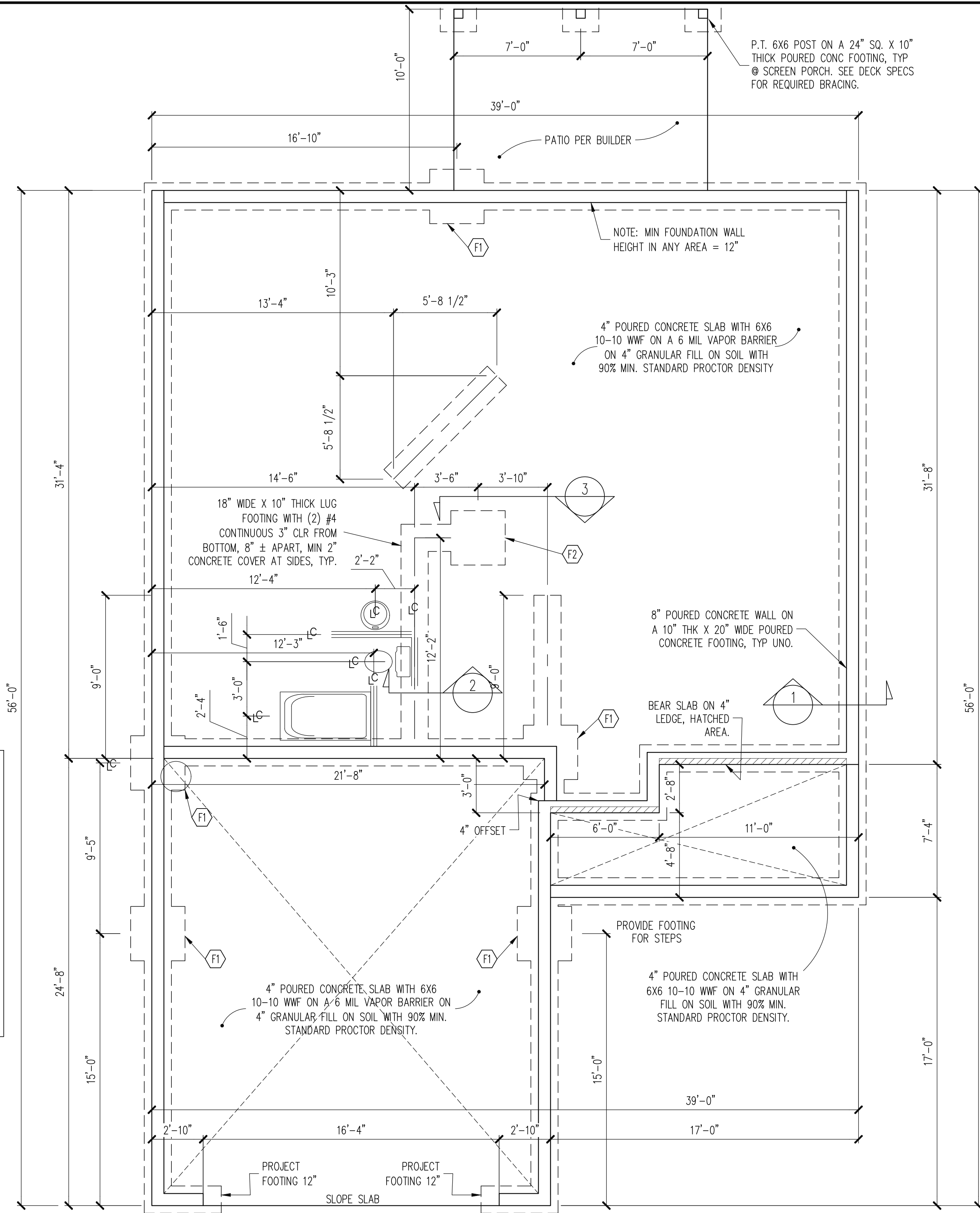


FAMILY

FOUNDATION SCHEDULE

F1 12" THICK X 36" SQ. POURED CONCRETE FOOTING WITH (4) #4 X 30" REBAR @ 9" O.C. BOTH DIRECTIONS 3" CLR FROM BOTTOM OF FOOTING.

F2 12" THICK X 42" SQ. POURED CONCRETE FOOTING WITH (5) #4 X 36" REBAR @ 9" O.C. BOTH DIRECTIONS 3" CLR FROM BOTTOM OF FOOTING.



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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.

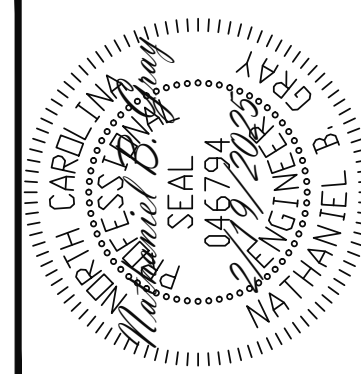
- ALL APPLIANCE AND PLUMBING LOCATIONS ARE FOR REFERENCE ONLY. FINAL LOCATIONS MUST BE VERIFIED WITH ARCHITECTURAL FLOOR PLANS.

FOUNDATION PLAN
BASEMENT OPTION

1/4" = 1'-0"

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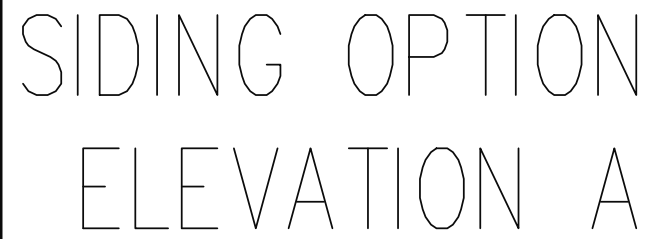


ADAMS HOMES		2/19/2025	
SCOPE	STRUCTURAL ADDENDUM	ENG: NRG/WHF	REV:
	17 KIPLING CREEK	DATE	2628 MASTER
LOT #:			

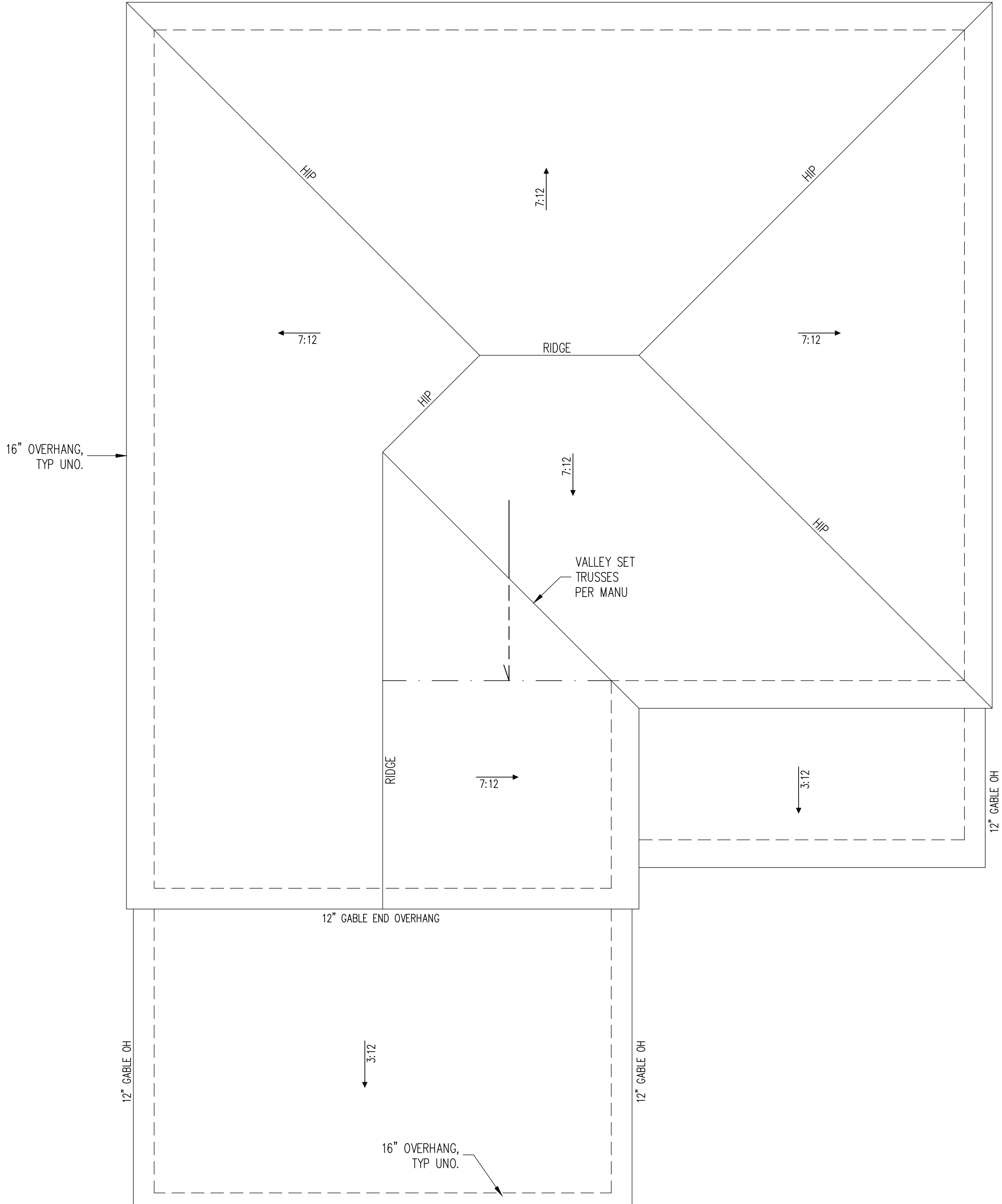
PLAN NO.
2628

PROJECT NO.
25-18-076

SHEET NO.
S1.0
1.0 of 8



SHEET NO.
S2
2 of 8



SIDING
OPTION
ELEV A

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TRUSS UPLIFT CONNECTORS

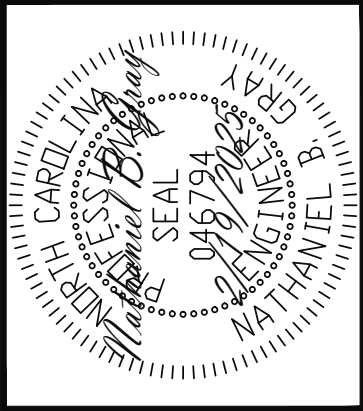
EXPOSURE B, 120 MPH, ANY PITCH, 24" O.C. MAX ROOF TRUSS SPACING
TRUSSES SHALL BE ATTACHED TO SUPPORT WALL FOR UPLIFT RESISTANCE. CONTINUOUS OSB WALL SHEATHING BELOW PROVIDES CONTINUOUS UPLIFT RESISTANCE TO FOUNDATION. ALL TRUSSES SUPPORTED BY INTERMEDIATE SUPPORT WALLS, KNEEWALLS OR BEAMS SHALL BE ATTACHED 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) NCRBC 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"

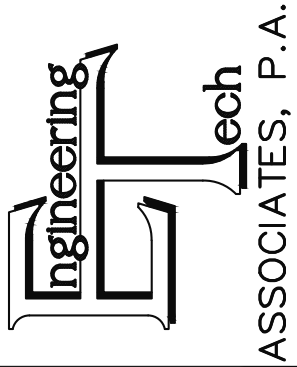


ADAMS HOMES			
STRUCTURAL ADDENDUM			
SCOPE			
LOT #:	17 KIPLING CREEK	ENG:	NBC/WHF
		REV:	
	2628 MASTER	DATE	2/19/2025

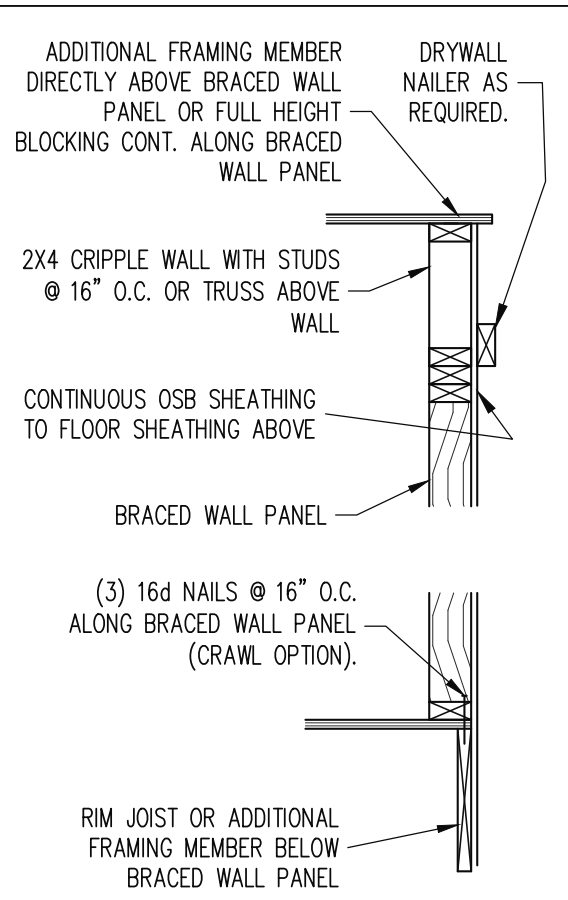
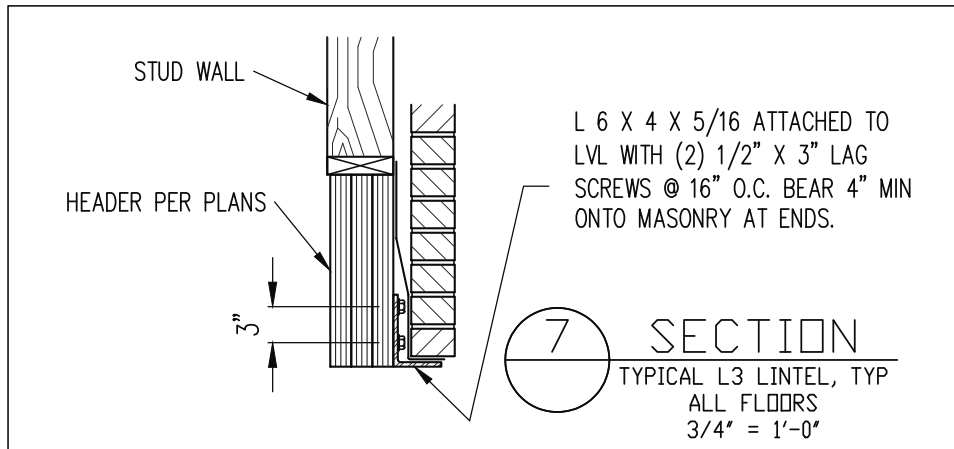
PLAN NO.
2628

PROJECT NO.
25-18-076

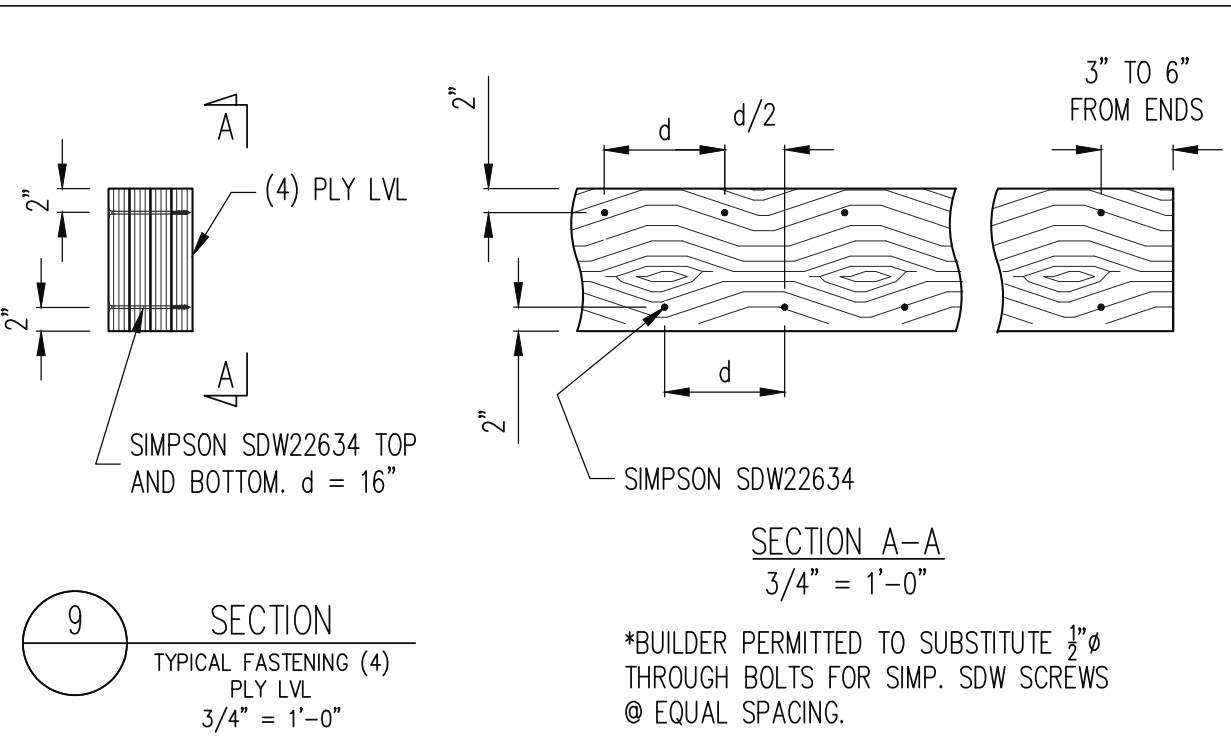
SHEET NO.
S4
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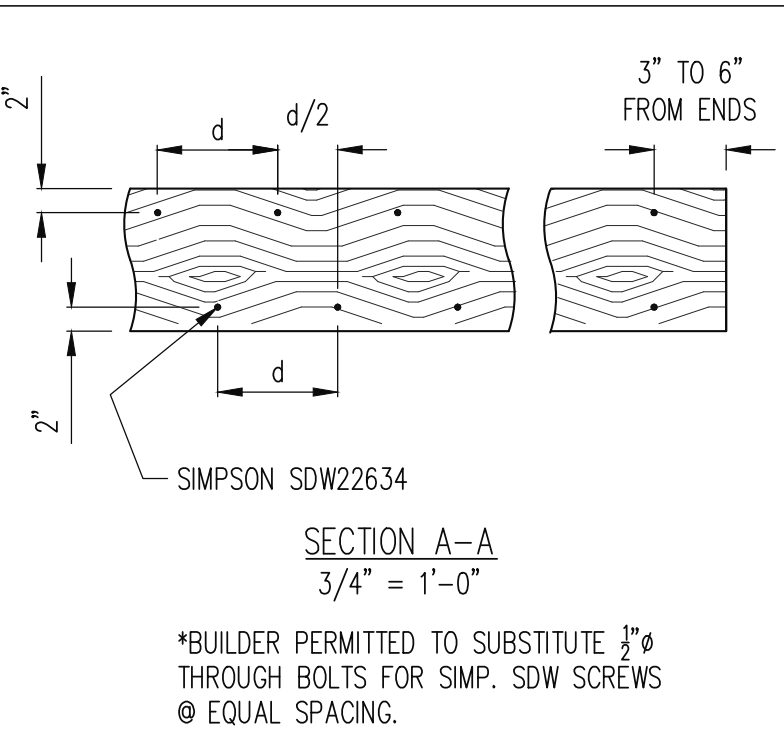
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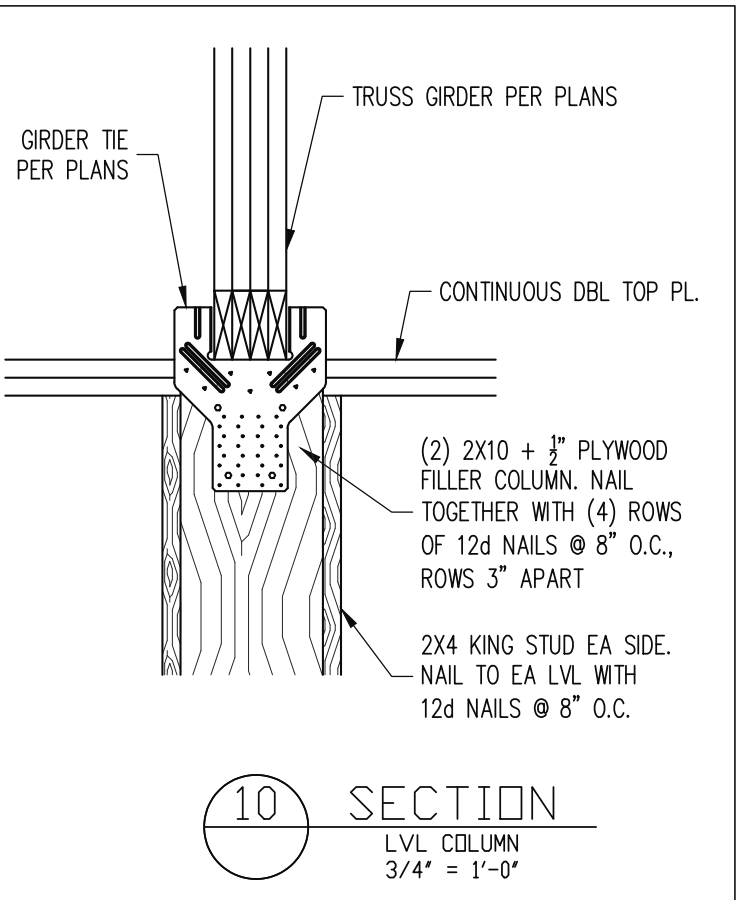
8 SECTION
TYPICAL BRACED WALL
PANEL CONNECTION AT
INTERIOR WALL
3/8" = 1'-0"



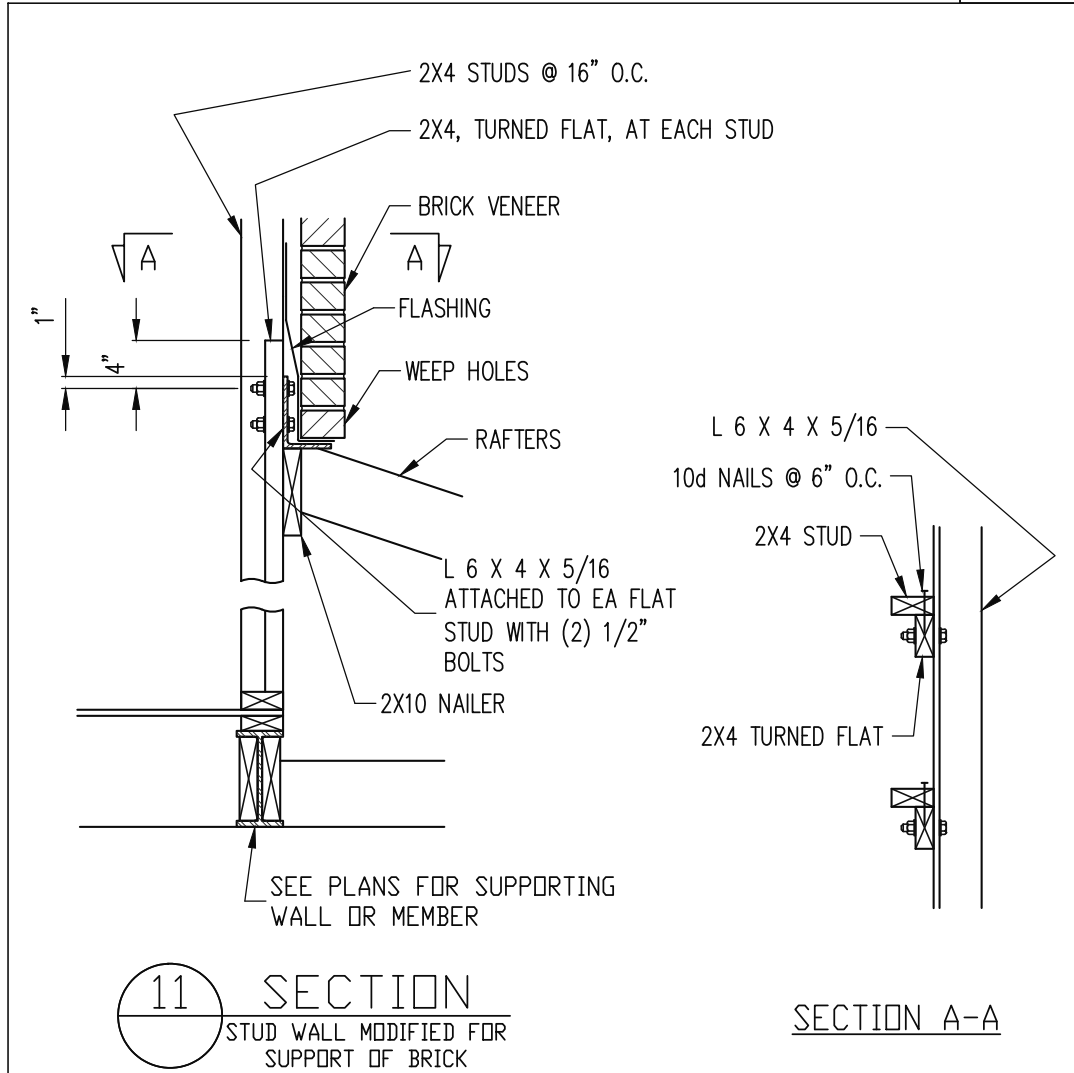
9 SECTION
TYPICAL FASTENING (4)
PLY LVL
3/4" = 1'-0"



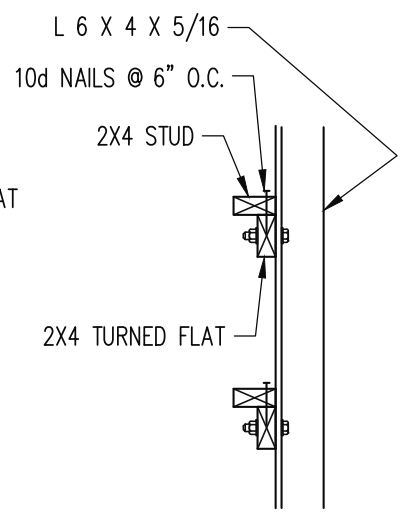
*BUILDER PERMITTED TO SUBSTITUTE 1/2"Ø
THROUGH BOLTS FOR SIMP. SDW SCREWS
@ EQUAL SPACING.



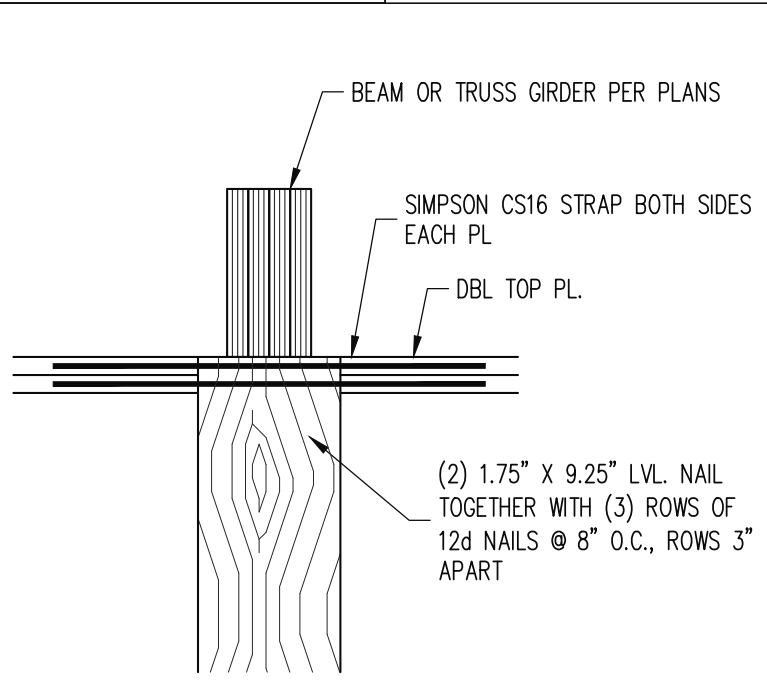
10 SECTION
LVL COLUMN
3/4" = 1'-0"



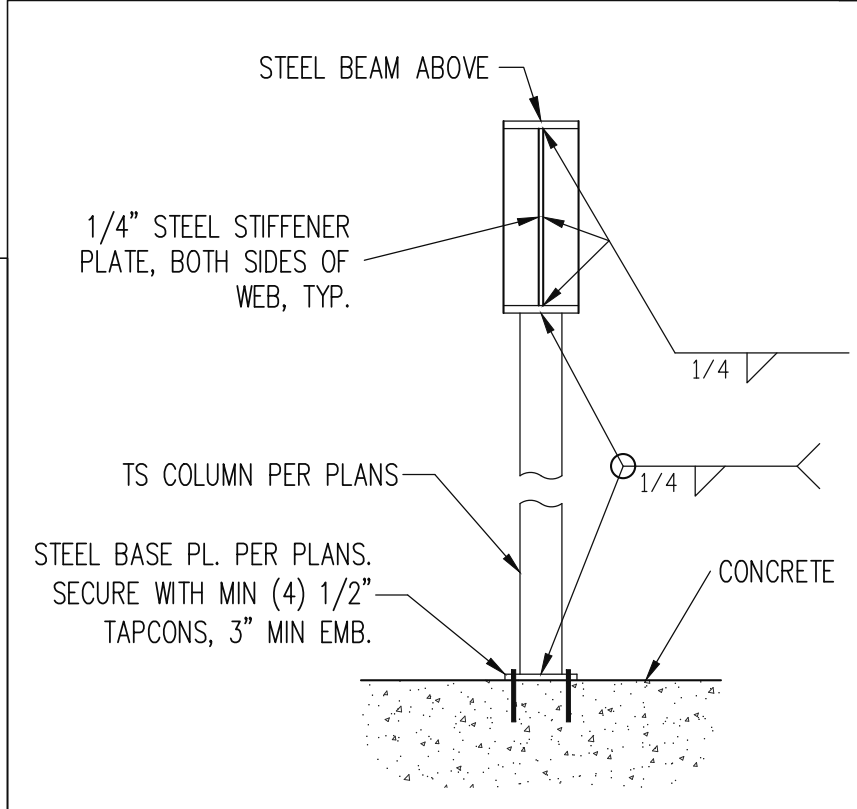
11 SECTION
STUD WALL MODIFIED FOR
SUPPORT OF BRICK
VENEER AT SHED ROOF
3/4" = 1'-0"



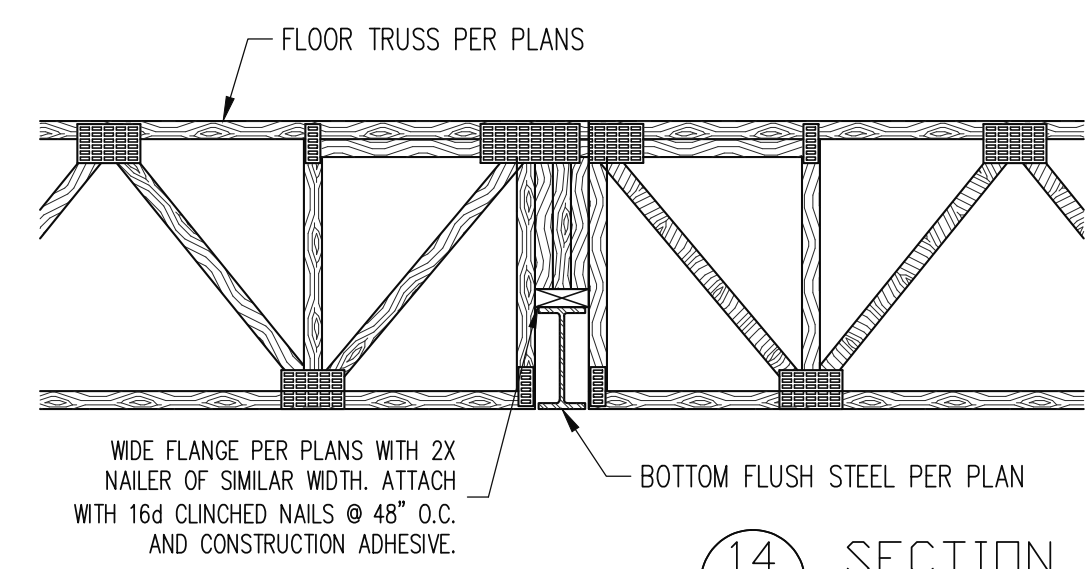
SECTION A-A



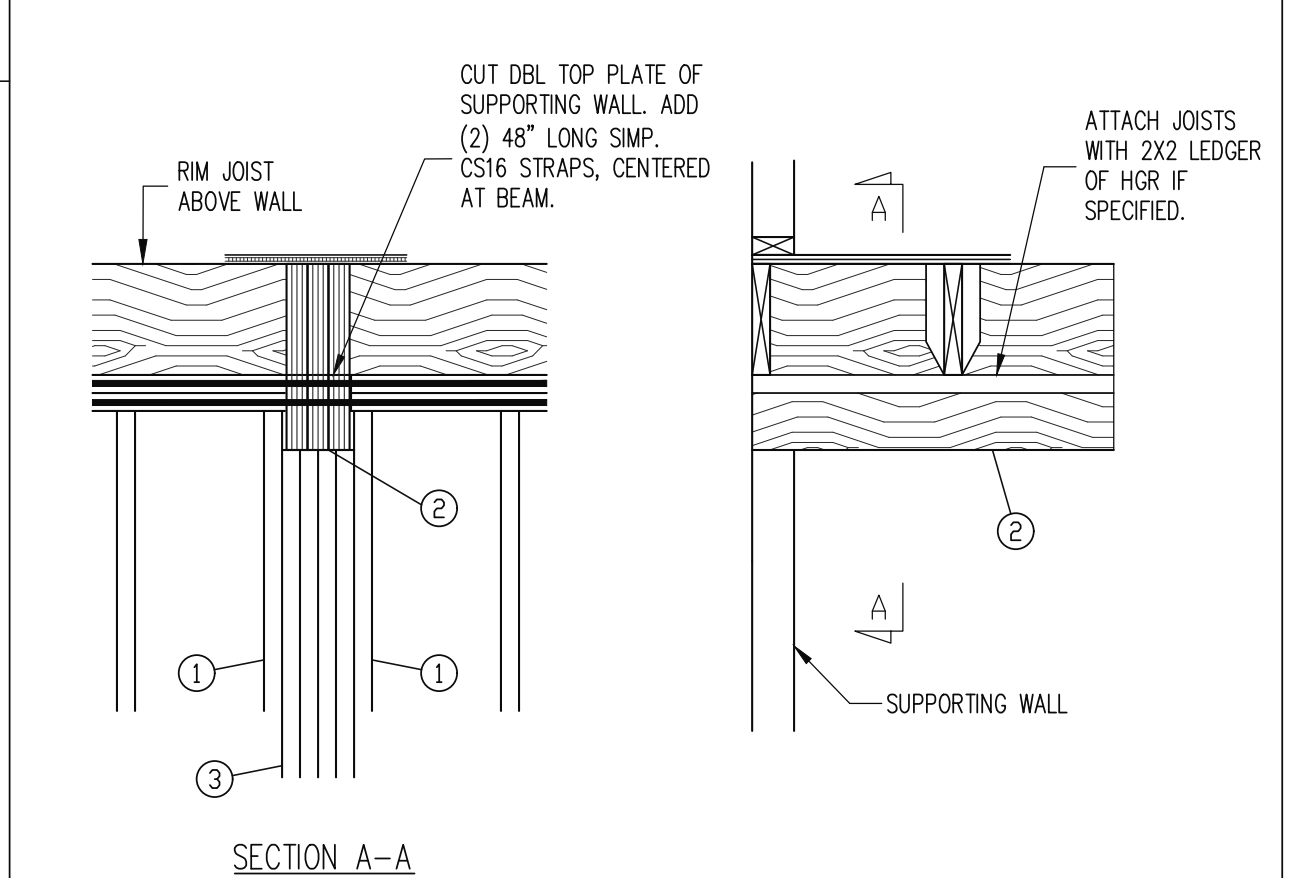
12 SECTION
LVL COLUMN FOR FLUSH
BEAM
3/4" = 1'-0"



13 SECTION
STEEL BEAM BEARING ON
STEEL COLUMN
3/4" = 1'-0"



14 SECTION
TRUSSES BEARING ON
BOTTOM FLUSH STEEL
3/4" = 1'-0"



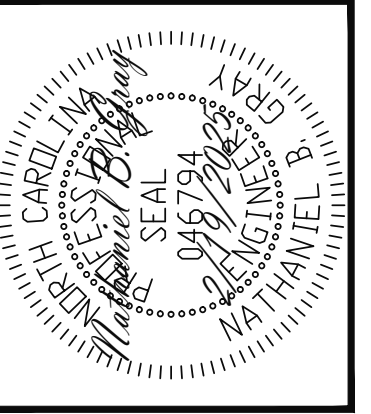
SECTION A-A

15 SECTION
TOP FLUSH GARAGE BEAM
3/4" = 1'-0"

ITEM DESCRIPTION
① KING STUD
② TOP FLUSH BEAM (SEE PLAN)
③ STUDS SUPPORTING BEAM (SEE PLAN FOR NUMBER OF STUDS REQUIRED)

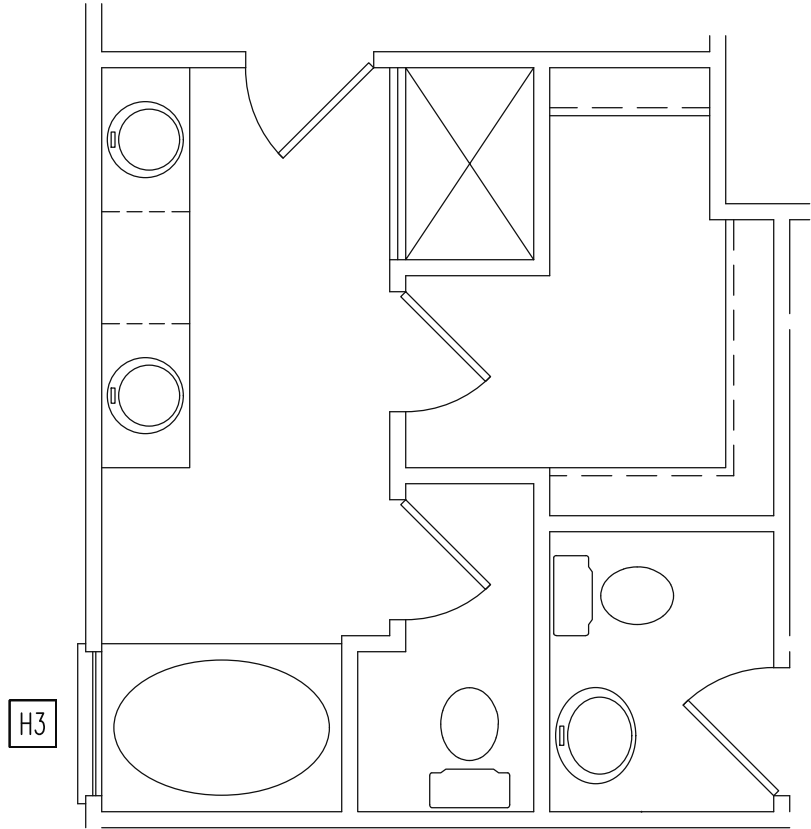
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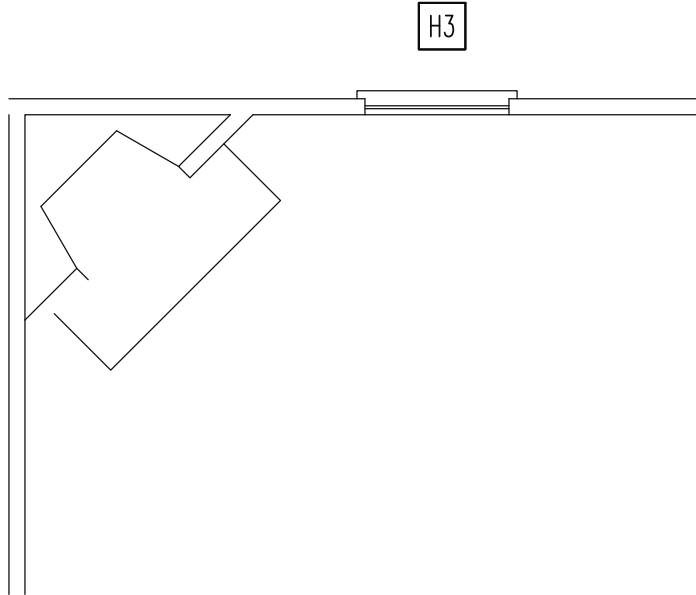


ADAMS HOMES	SCOPE	LOT #:	2628 MASTER	DATE	2/19/2025
STRUCTURAL ADDENDUM	17 KIPLING CREEK	ENG: NRG/WHF	REV:		

PLAN NO.	2628
PROJECT NO.	25-18-076
SHEET NO.	SD2
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OPTIONAL MASTER BATH



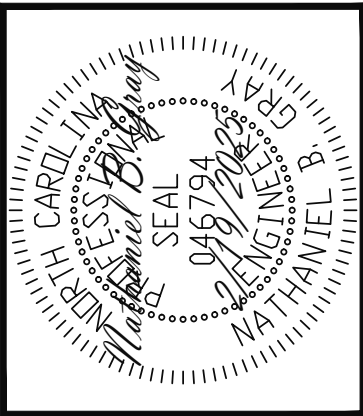
OPTIONAL CORNER FIREPLACE

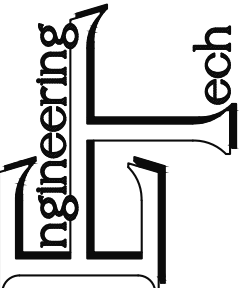
ADAMS HOMES			
SCOPE	STRUCTURAL ADDENDUM		
LOT #:	17 KIPLING CREEK	ENG:	NBC/WHF
		REV:	
	2628 MASTER	DATE:	2/19/2025

PLAN NO.
2628

PROJECT NO.
25-18-076

SHEET NO.
S8
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