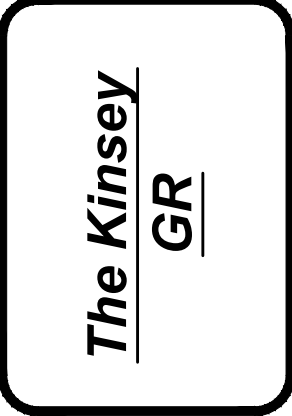


REVISIONS		
No.	Date	Remarks
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 Email: Kent@KandAHomeDesigns.com



**Ben Stout**  
 1786 Metro Medical Dr.  
 Fayetteville, NC 28304



**FRONT ELEVATION 'A'**  
 1/4" = 1'-0"

OPTIONAL STONE  
 OR BRICK

**GENERAL NOTES:**

1. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THAT ALL DIMENSIONS, ROOF PITCHES, AND SQUARE FOOTAGE ARE CORRECT PRIOR TO CONSTRUCTION. K&A HOME DESIGNS, INC. IS NOT RESPONSIBLE FOR ANY DIMENSIONING, ROOF PITCH, OR SQUARE FOOTAGE ERRORS ONCE CONSTRUCTION BEGINS.
2. ALL WALLS SHOWN ON THE FLOOR PLANS ARE DRAWN AT 4" UNLESS NOTED OTHERWISE.
3. ALL ANGLED WALL SHOWN ON THE PLANS ARE 45 DEGREES UNLESS NOTED OTHERWISE.
4. STUD WALL DESIGN SHALL CONFORM TO ALL NORTH CAROLINA STATE BUILDING CODE REQUIREMENTS.
5. DO NOT SCALE PLANS. DRAWING SCALE MAY BE DISTORTED DUE TO COPIER IMPERFECTIONS.
6. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH NORTH CAROLINA RESIDENTIAL STATE BUILDING CODE, 2018 EDITION.

**CRAWL SPACE VENTILATION CALCULATIONS**

-VENT LOCATIONS MAY VARY FROM THOSE SHOWN ON THE PLAN BUT SHOULD BE PLACED TO PROVIDE ADEQUATE VENTILATION AT ALL POINTS TO PREVENT DEAD AIR POCKETS.

-100% VAPOR BARRIER MUST BE PROVIDED WITH 12" MIN. LAP JOINTS.

-THE TOTAL AREA OF VENTILATION OPENINGS MAY BE REDUCED TO 1/1500 AS LONG AS REQUIRED OPENINGS ARE PLACED SO AS TO PROVIDE CROSS-VENTILATION OF THE SPACE. THE INSTALLATION OF OPERABLE LOUVERS SHALL NOT BE PROHIBITED. (COMPLY WITH NC CODE MIN. WITH REGARD TO VENT PLACEMENT FROM CORNERS)

1864 SQ. FT. OF CRAWL SPACE/1500

1.24 SQ. FT. OF REQUIRED VENTILATION

PROVIDED BY: 3 VENTS AT 0.45 SQ. FT. NET FREE

VENTILATION EACH= 1.35 SQ. FT. OF VENTILATION

\*\*FOUNDATION DRAINAGE- WATERPROOFING PER SECTIONS 405 & 406.

**ATTIC VENTILATION CALCULATIONS**

- CALCULATIONS SHOWN BELOW ARE BASED ON VENTILATORS USED AT LEAST 3 FT. ABOVE THE CORNICE VENTS WITH THE BALANCE OF VENTILATION PROVIDED BY EAVE VENTS.

- CATHEDRAL CEILINGS SHALL HAVE A MIN. 1" CLEARANCE BETWEEN THE BOTTOM OF THE ROOF DECK AND THE INSULATION.

2856 SQ. FT. OF ATTIC/300= 9.52

EACH OF INLET AND OUTLET REQUIRED.

**\*WALL AND ROOF CLADDING DESIGN VALUES**

- WALL CLADDING IS DESIGNED FOR A 24.1 SQ. FT. OR GREATER POSITIVE AND NEGATIVE PRESSURE.

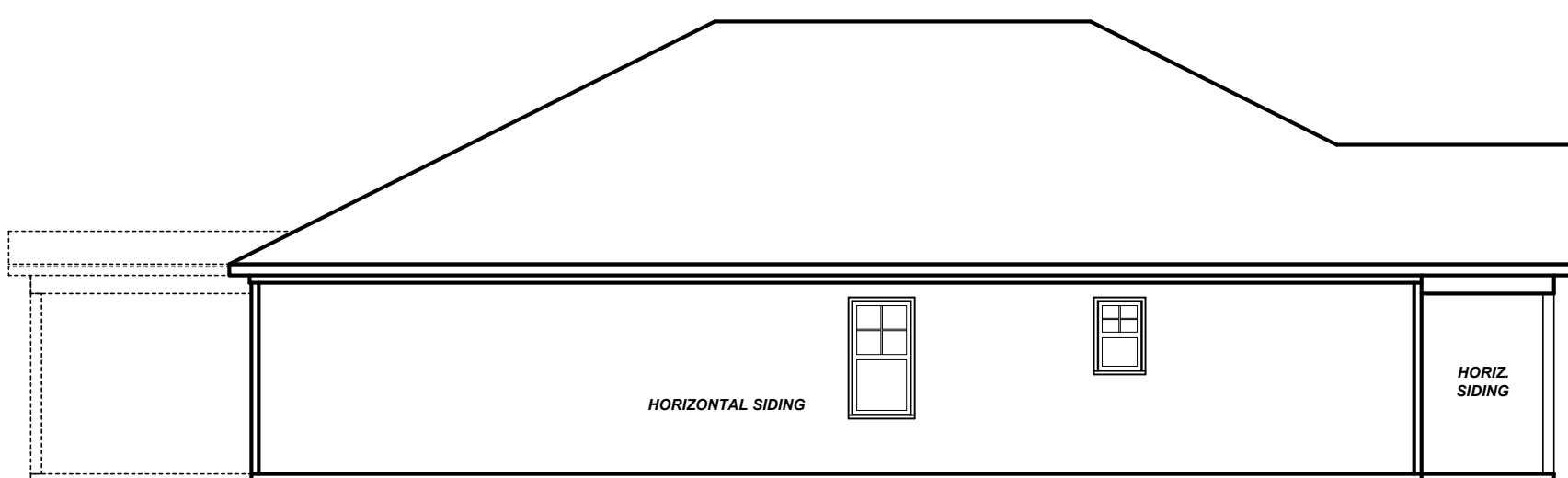
- ROOF VALUES BOTH POSITIVE AND NEGATIVE SHALL BE AS FOLLOWS:

45.5 LBS. PER SQ. FT. FOR ROOF PITCHES OF 0/12 TO 2.25/12

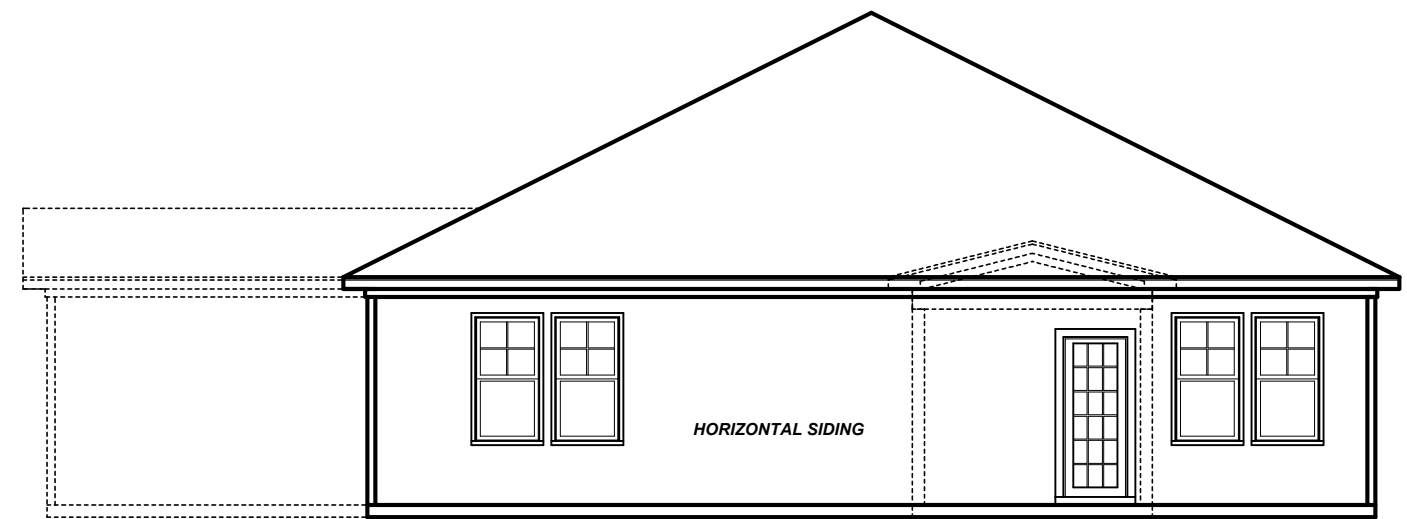
34.8 LBS. PER SQ. FT. FOR ROOF PITCHES OF 2.25/12 TO 7/12

21 LBS. PER SQ. FT. FOR ROOF PITCHES OF 7/12 TO 12/12

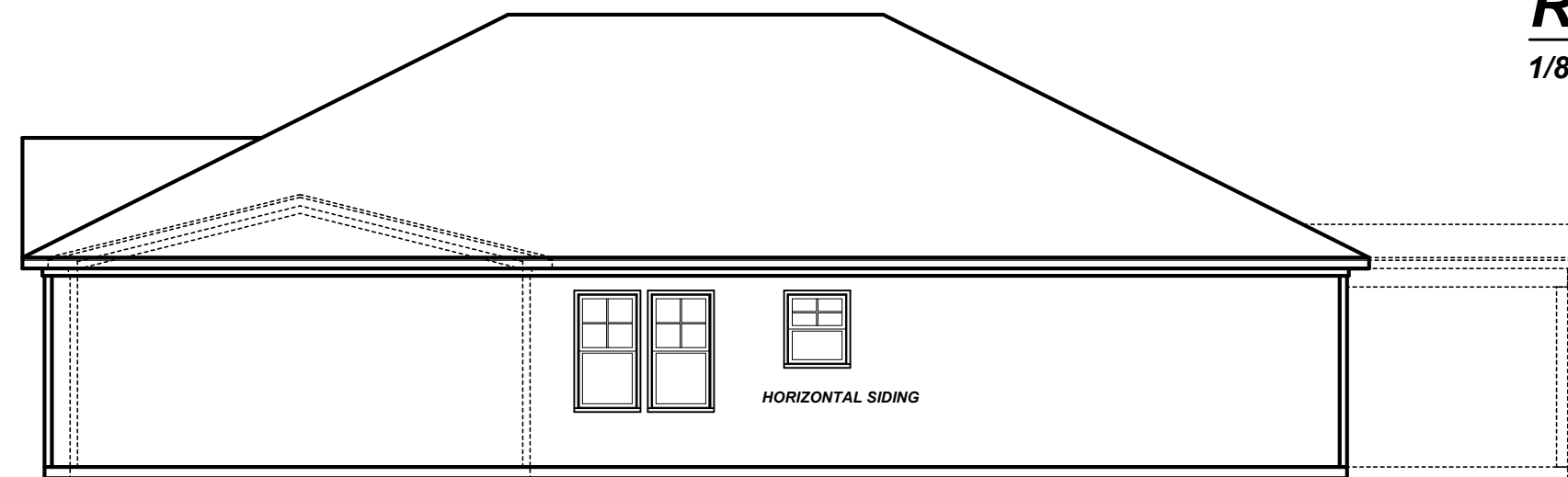
\*\* MEAN ROOF HEIGHT 30' OR LESS



**LEFT ELEVATION 'A'**  
 1/8" = 1'-0"



**REAR ELEVATION 'A'**  
 1/8" = 1'-0"



**RIGHT ELEVATION 'A'**  
 1/8" = 1'-0"

**SQUARE FOOTAGE**

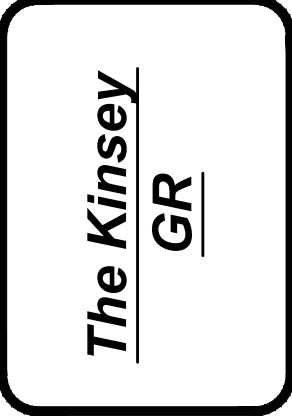
HEATED SQUARE FOOTAGE		UNHEATED SQUARE FOOTAGE	
FIRST FLOOR=	1864	GARAGE=	480
SECOND FLOOR=	N/A	FRONT PORCH=	135
THIRD FLOOR=	N/A	OPT. CVD. PATIO=	100
BASEMENT=	N/A	3 <sup>RD</sup> CAR OPT.=	278
		STORAGE=	N/A
<b>TOTAL HEATED=</b>	<b>1864</b>	<b>TOTAL UNHEATED=</b>	<b>993</b>

REVISIONS		
No.	Date	Remarks
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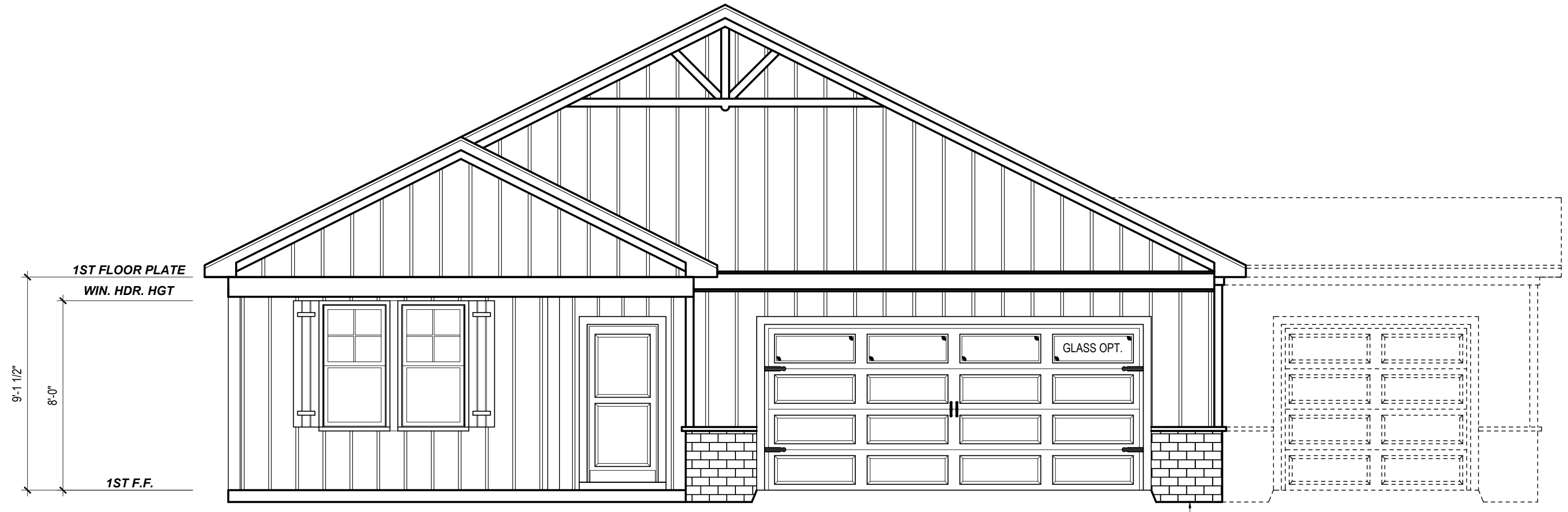
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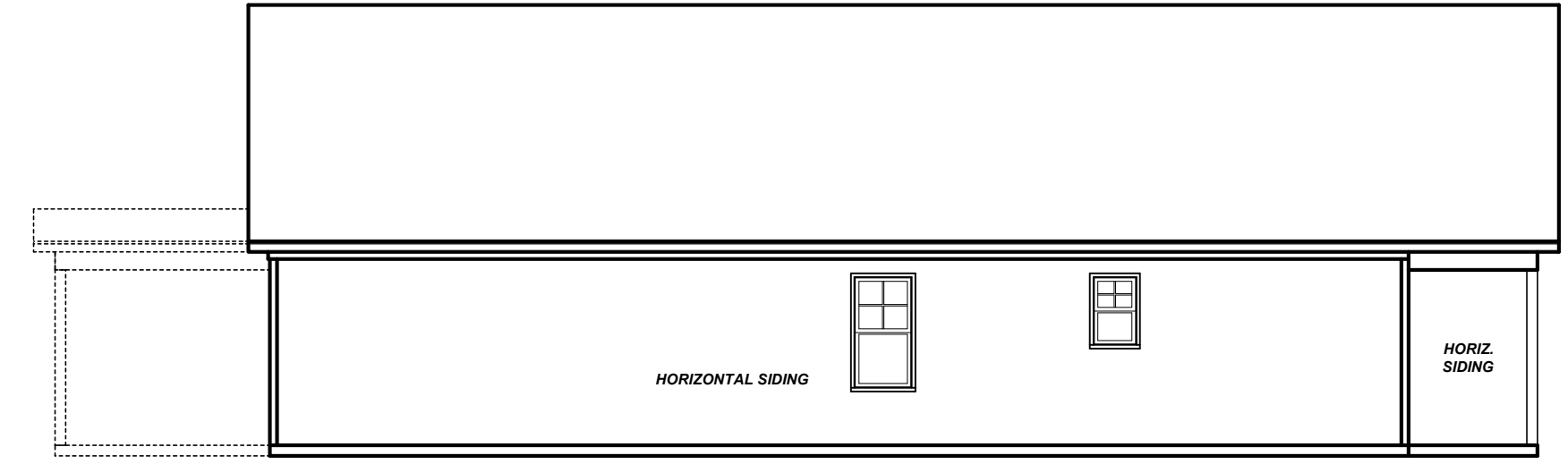


**FRONT ELEVATION 'B'**  
1/4" = 1'-0"

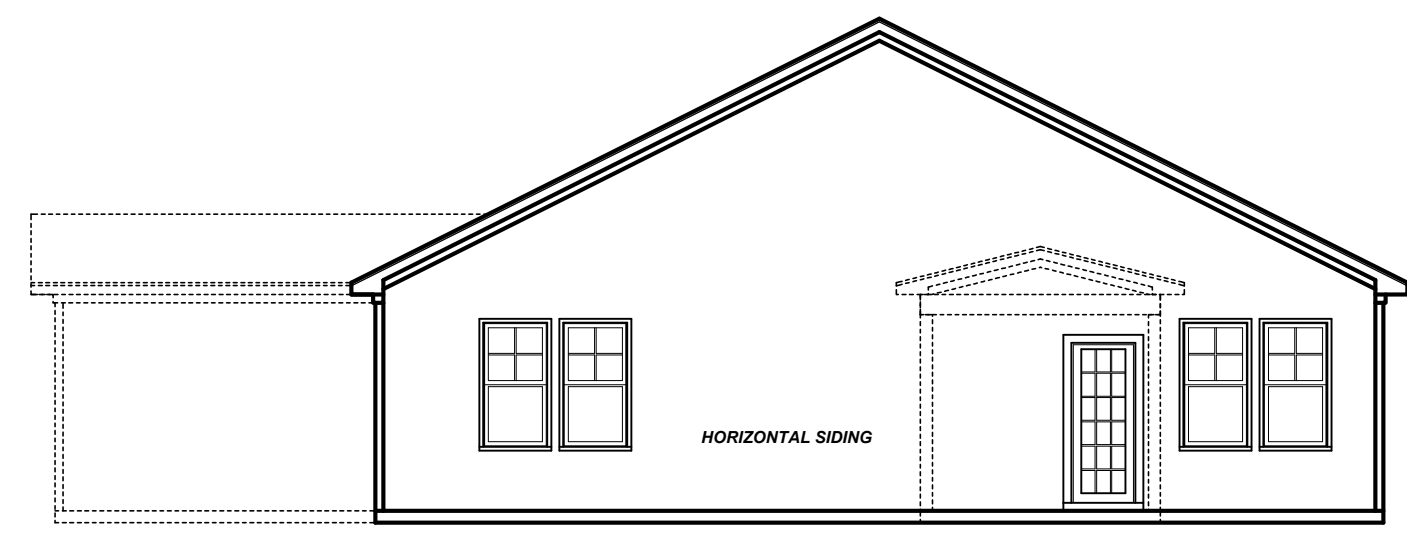
OPTIONAL STONE  
OR BRICK

**GENERAL NOTES:**

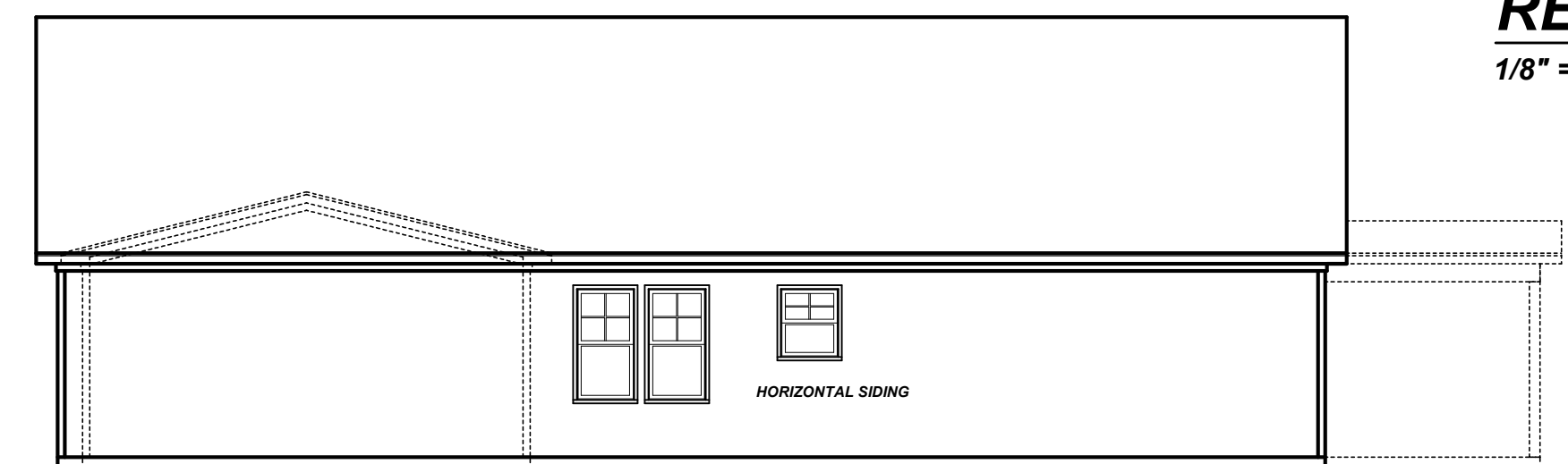
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**LEFT ELEVATION 'B'**  
1/8" = 1'-0"



**REAR ELEVATION 'B'**  
1/8" = 1'-0"



**RIGHT ELEVATION 'B'**  
1/8" = 1'-0"

**SQUARE FOOTAGE**

HEATED SQUARE FOOTAGE		UNHEATED SQUARE FOOTAGE	
FIRST FLOOR=	1864	GARAGE=	480
SECOND FLOOR=	N/A	FRONT PORCH=	135
THIRD FLOOR=	N/A	OPT. CVD. PATIO=	100
BASEMENT=	N/A	3 <sup>RD</sup> CAR OPT.=	278
		STORAGE=	N/A
<b>TOTAL HEATED=</b>	<b>1864</b>	<b>TOTAL UNHEATED=</b>	<b>993</b>

**CRAWL SPACE VENTILATION CALCULATIONS**

- VENT LOCATIONS MAY VARY FROM THOSE SHOWN ON THE PLAN BUT SHOULD BE PLACED TO PROVIDE ADEQUATE VENTILATION AT ALL POINTS TO PREVENT DEAD AIR POCKETS.

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1.24 SQ. FT. OF REQUIRED VENTILATION

PROVIDED BY: 3 VENTS AT 0.45 SQ. FT. NET FREE

VENTILATION EACH= 1.35 SQ. FT. OF VENTILATION

**\*\*FOUNDATION DRAINAGE- WATERPROOFING PER SECTIONS 405 & 406.**

**ATTIC VENTILATION CALCULATIONS**

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2856 SQ. FT. OF ATTIC/300= 9.52

EACH OF INLET AND OUTLET REQUIRED.

**\*WALL AND ROOF CLADDING DESIGN VALUES**

- WALL CLADDING IS DESIGNED FOR A 24.1 SQ. FT. OR GREATER POSITIVE AND NEGATIVE PRESSURE.

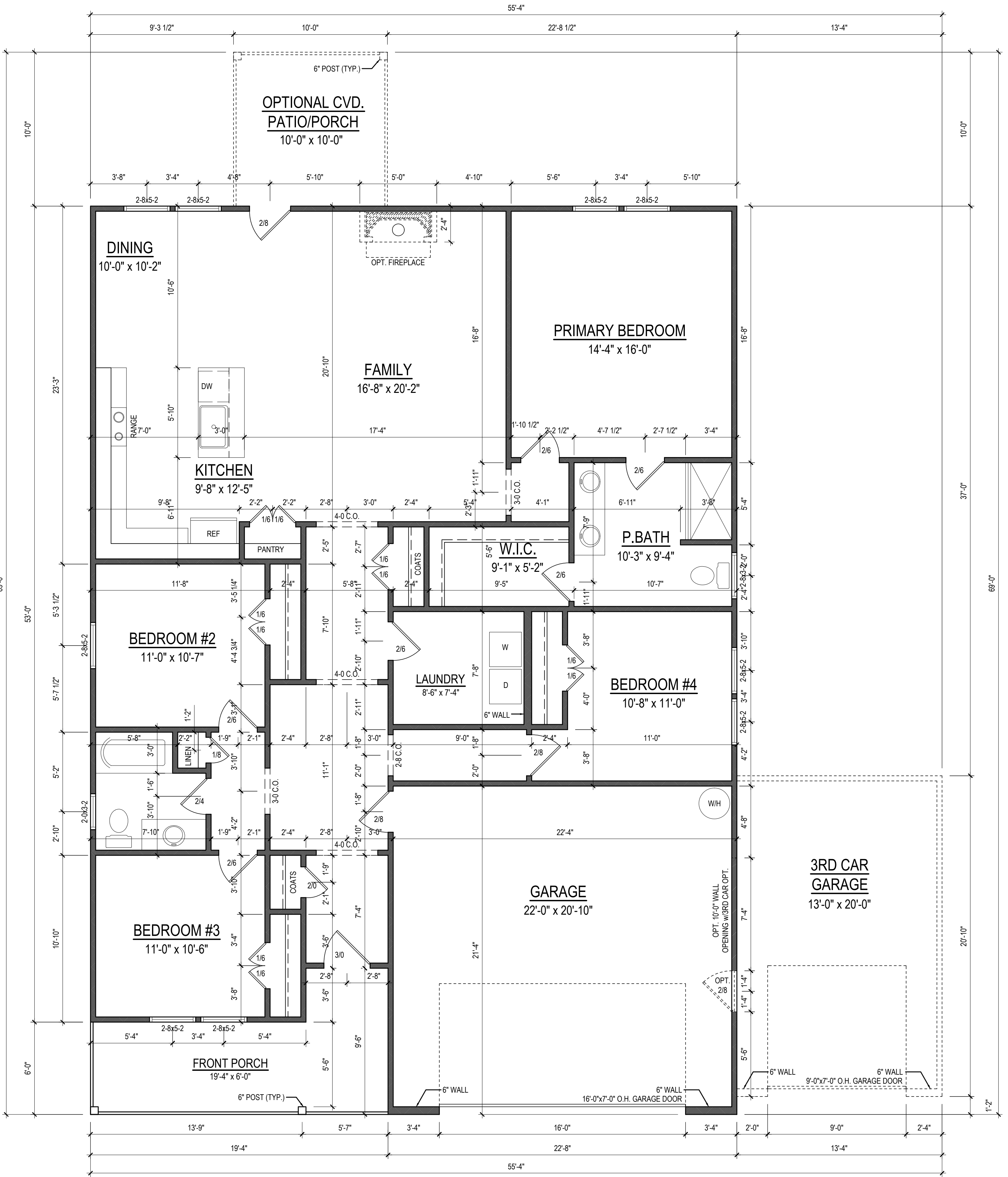
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45.5 LBS. PER SQ. FT. FOR ROOF PITCHES OF 0/12 TO 2.25/12

34.8 LBS. PER SQ. FT. FOR ROOF PITCHES OF 2.25/12 TO 7/12

21 LBS. PER SQ. FT. FOR ROOF PITCHES OF 7/12 TO 12/12

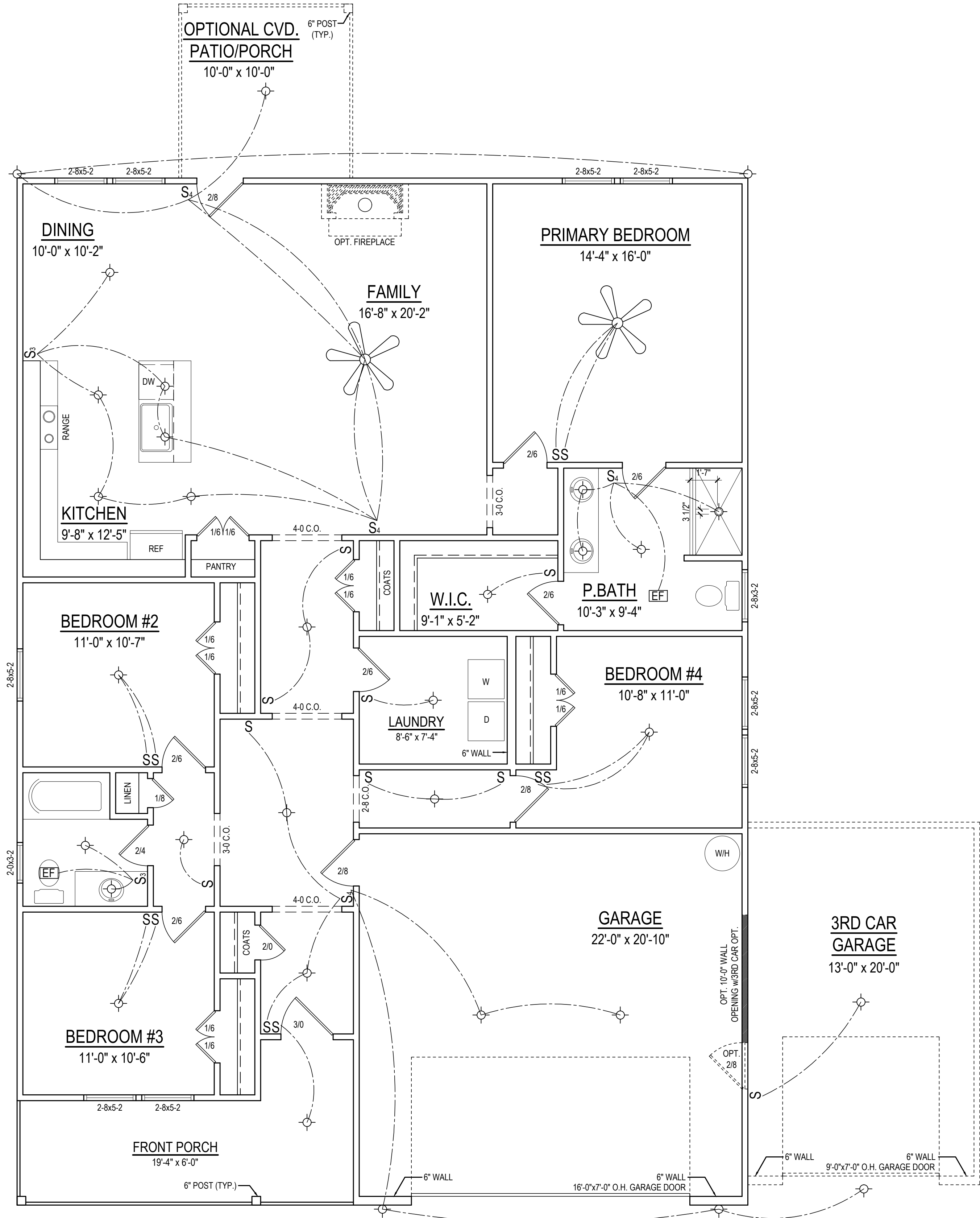
**\*\* MEAN ROOF HEIGHT 30' OR LESS**



**FIRST FLOOR PLAN**  
 1/4" = 1'-0"      CEILING HT. = 9'-0"

REVISIONS	
No.	Description
1	
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4	

DATE	23-4-18
DESIGNED BY	1-17-23
DRAWN BY	KBS
SCALE	1/4" = 1'-0"

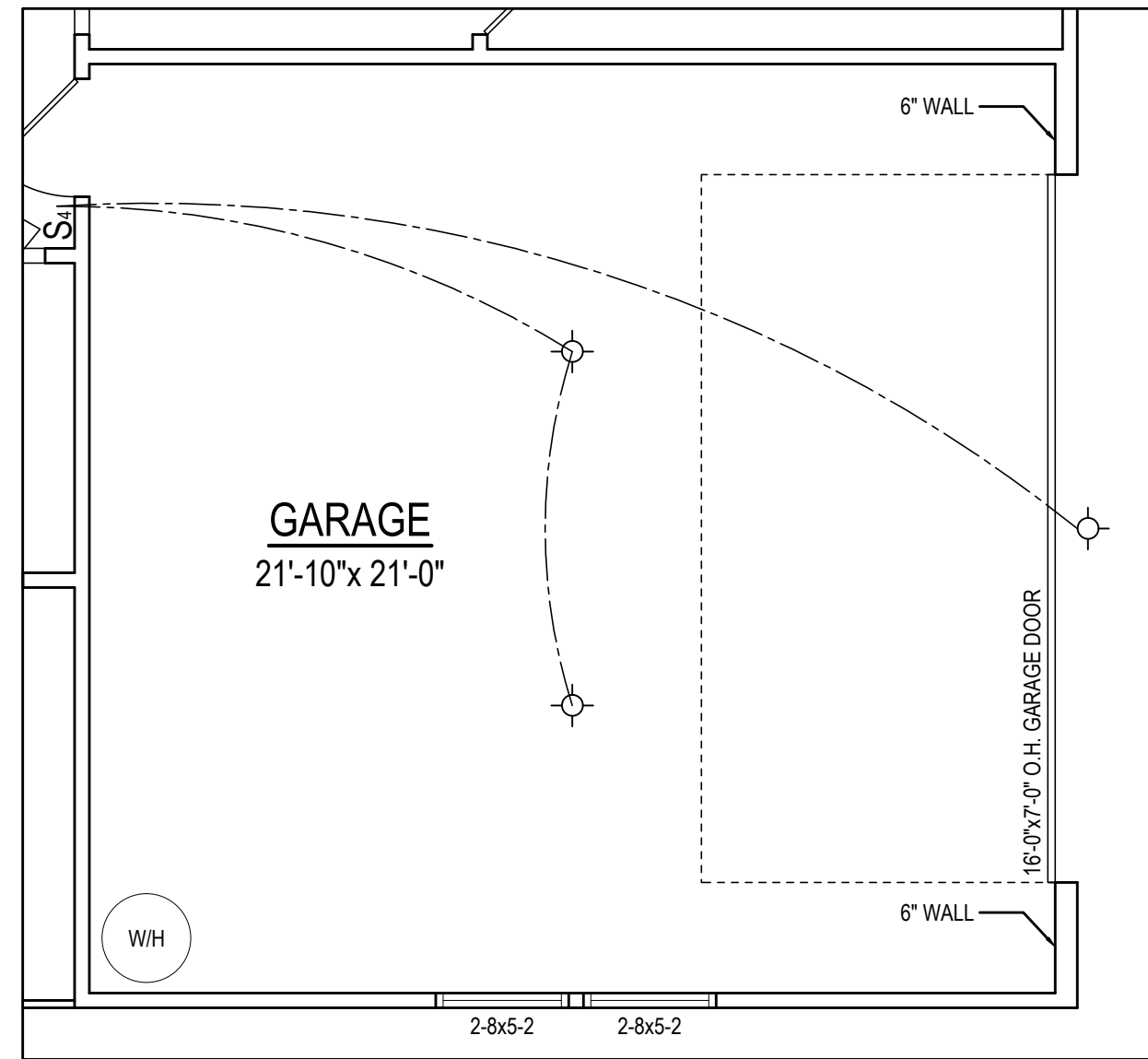


**FIRST FLOOR PLAN**  
 1/4" = 1'-0" CEILING HT. = 9'-0"

ELECTRICAL LEGEND	
S	SINGLE POLE SWITCH
S <sub>3</sub>	3-WAY SWITCH
S <sub>4</sub>	4-WAY SWITCH
⊙	SURFACE MOUNTED LIGHT
⊖	WALL MOUNTED LIGHT
EF	EXHAUST FAN

Project #:  
23-448  
Date:  
1-17-23  
Drawn/Design By:  
KBB  
Scale:  
1/4" = 1'-0"

REVISIONS		
No.	Date	Remarks
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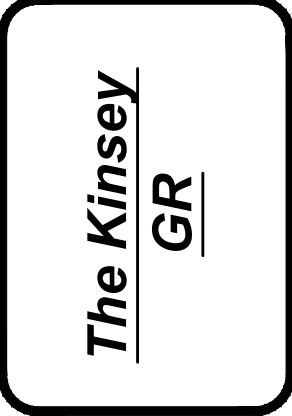
**OPT. SIDE LOAD GARAGE**  
1/4" = 1'-0" CEILING HT. = 9'-0"

ELECTRICAL LEGEND	
S	SINGLE POLE SWITCH
S <sub>3</sub>	3-WAY SWITCH
S <sub>4</sub>	4-WAY SWITCH
○●	SURFACE MOUNTED LIGHT
○●	WALL MOUNTED LIGHT
EF	EXHAUST FAN



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1786 Metro Medical Dr.  
Fayetteville, NC 28304

ELECTRICAL PLAN  
OPTION

Sheet Number  
**4**  
of 5

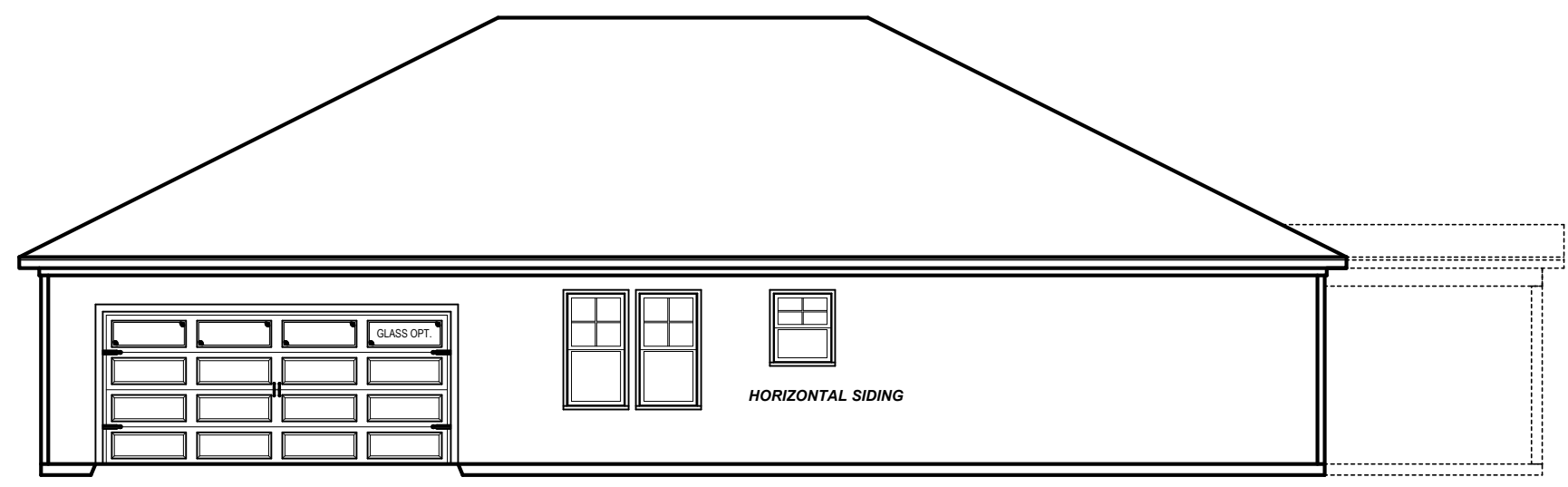
Project #:  
23-448  
Date:  
1-17-23  
Drawn/Design By:  
KBB  
Scale:  
REFER TO ELEV.

REVISIONS		
No.	Date	Remarks
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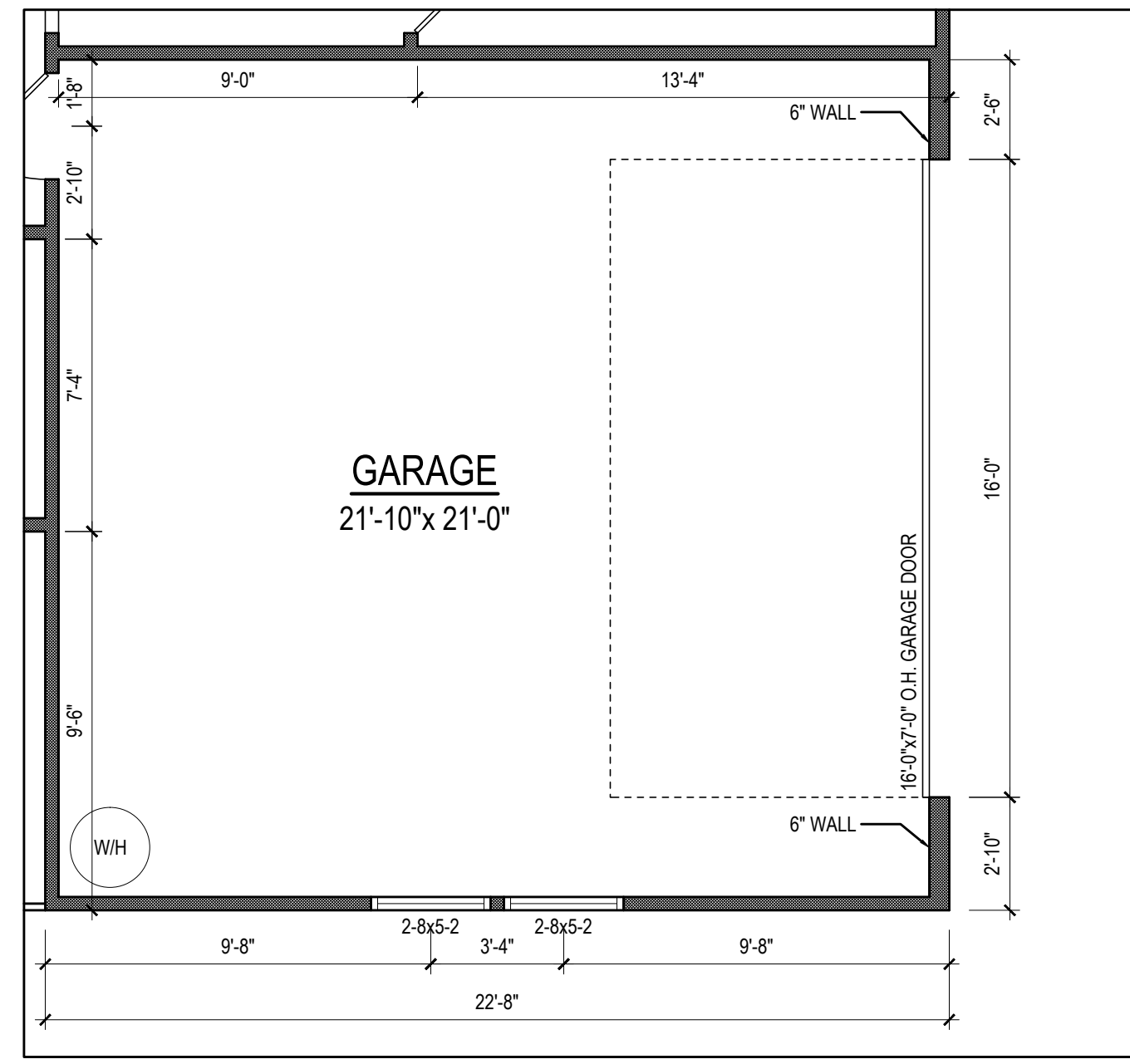


**FRONT ELEVATION 'A'**  
1/4" = 1'-0"

OPTIONAL STONE  
OR BRICK



**RIGHT ELEVATION 'A'**  
1/8" = 1'-0"

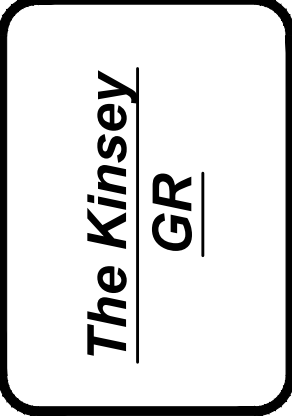


**GARAGE**  
21'-10" x 21'-0"

**FIRST FLOOR:  
SIDE LOAD GARAGE**  
1/4" = 1'-0" CEILING HT. = 9'-0"



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ELEVATION 'A'  
SIDE LOAD OPTION

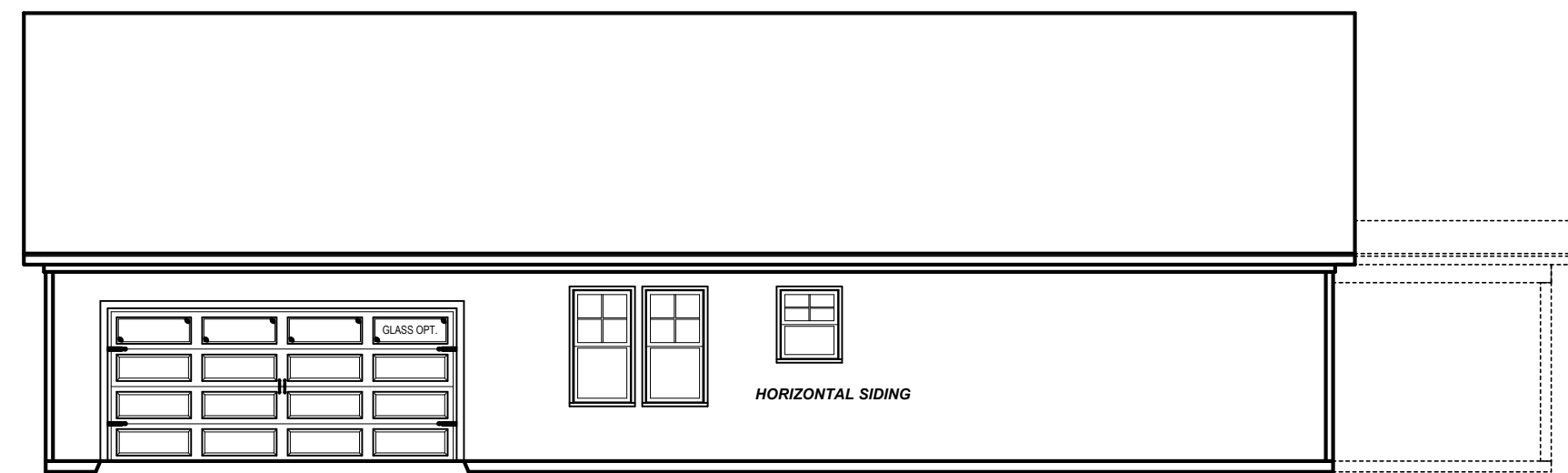
Sheet Number  
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of 5

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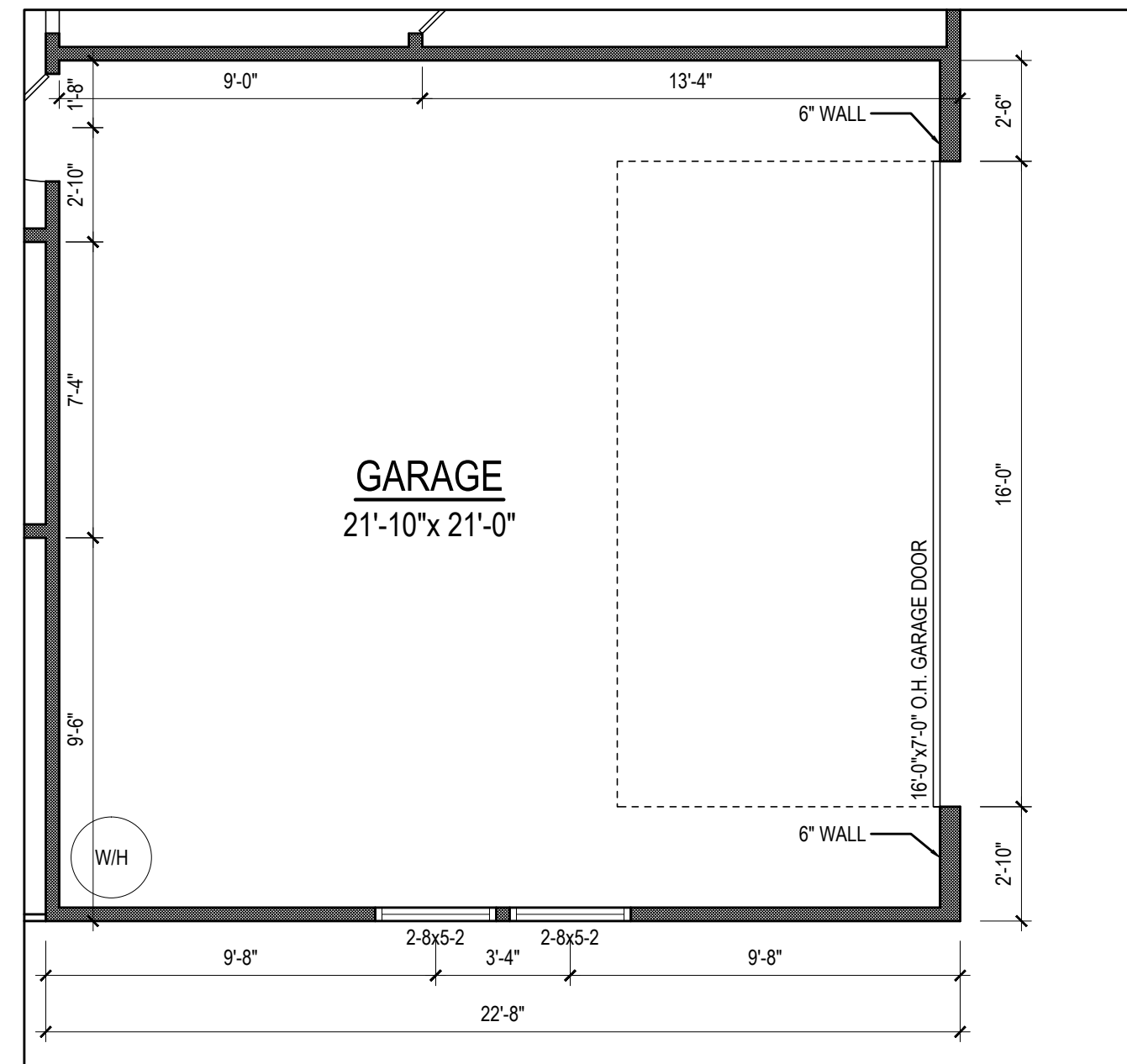


**FRONT ELEVATION 'B'**  
1/4" = 1'-0"

OPTIONAL STONE  
OR BRICK



**RIGHT ELEVATION 'B'**  
1/8" = 1'-0"



**FIRST FLOOR:  
SIDE LOAD GARAGE**

1/4" = 1'-0" CEILING HT. = 9'-0"

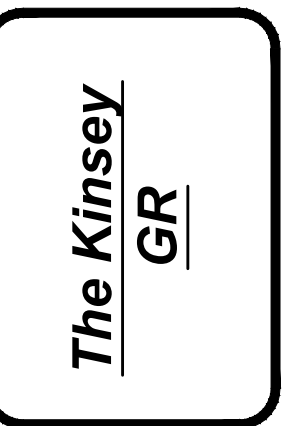
Project #:	23-448
Date:	1-17-23
Drawn/Design By:	KBB
Scale:	REFER TO ELEV.

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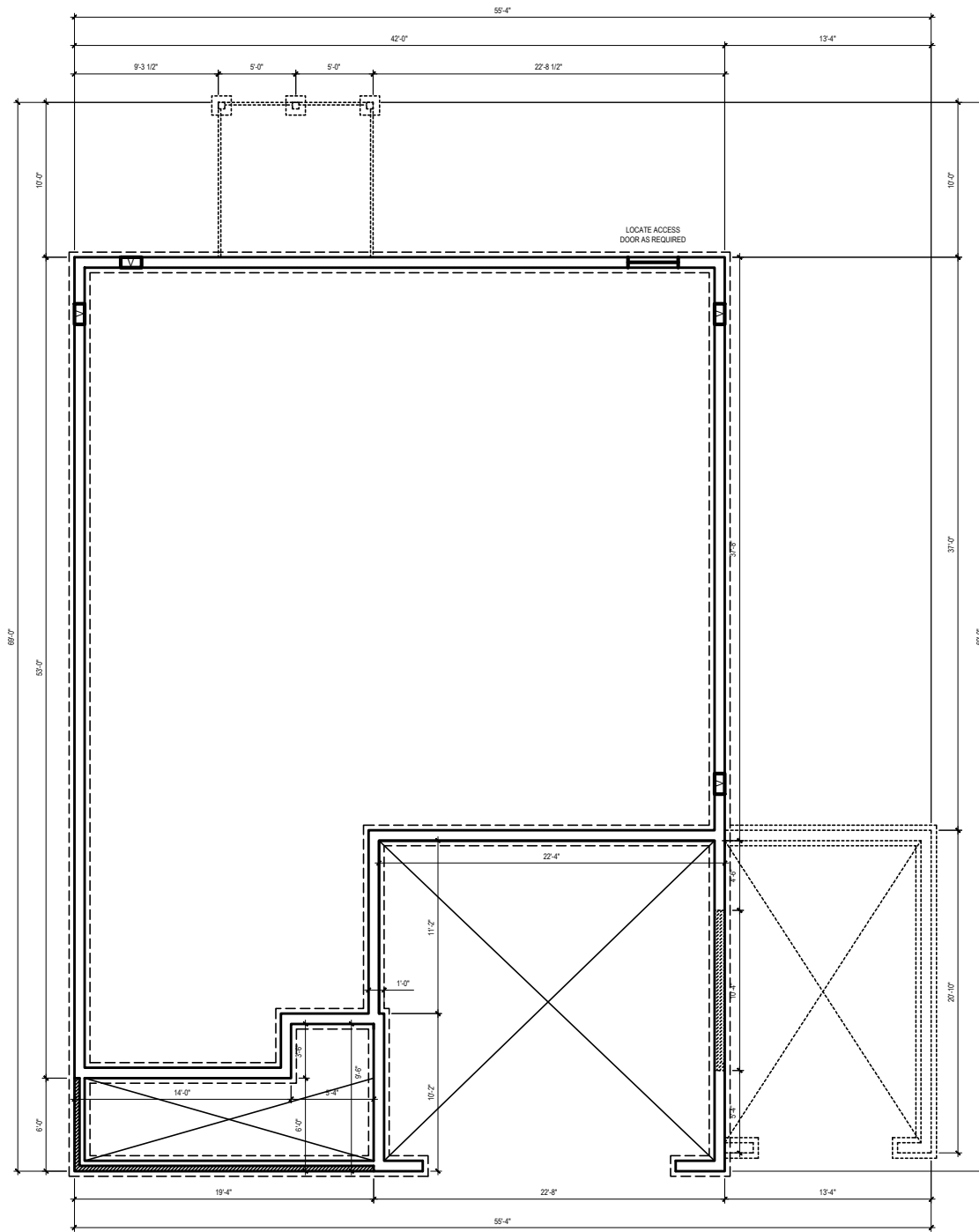


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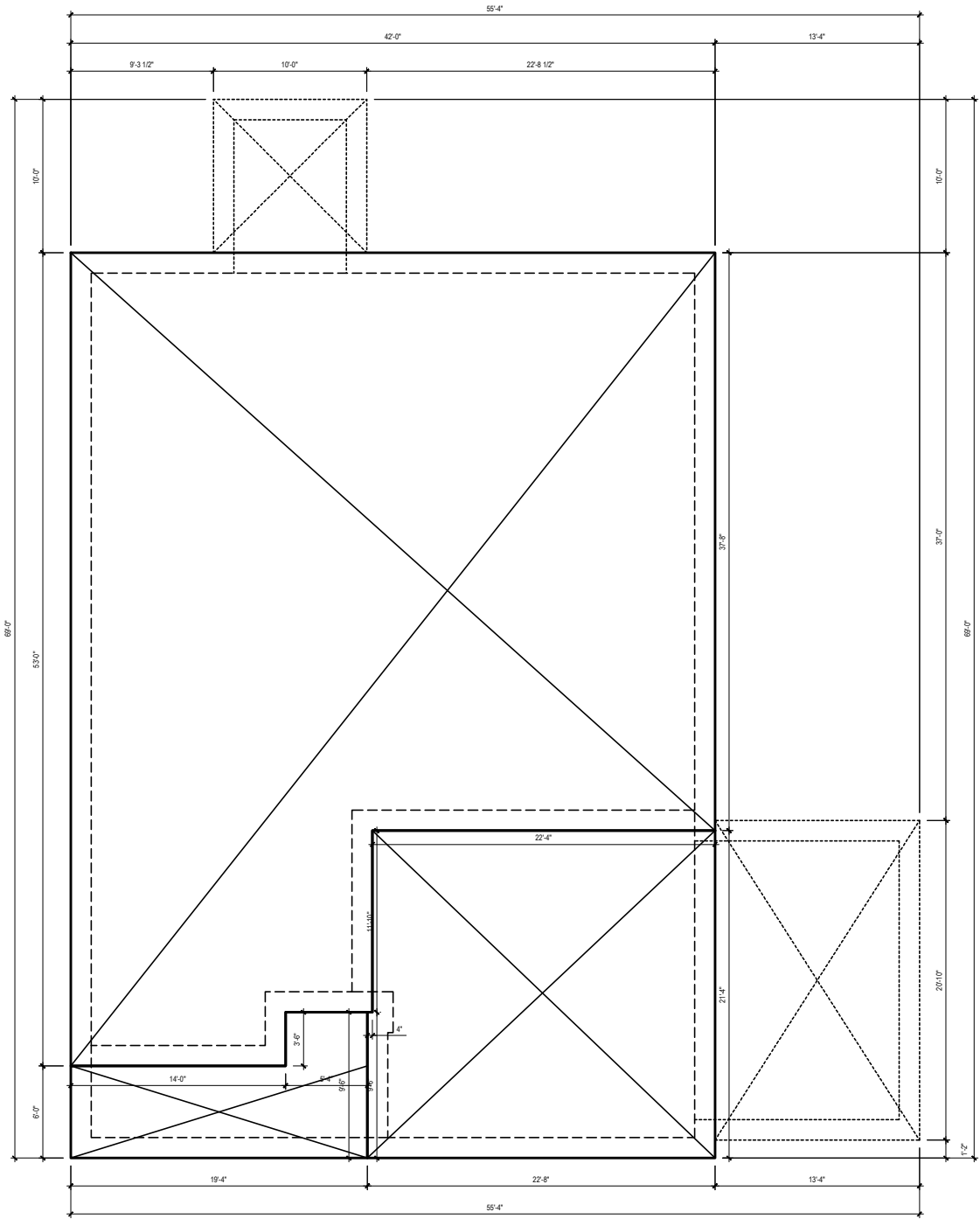
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Fayetteville, NC 28304

ELEVATION 'B'  
SIDE LOAD OPTION

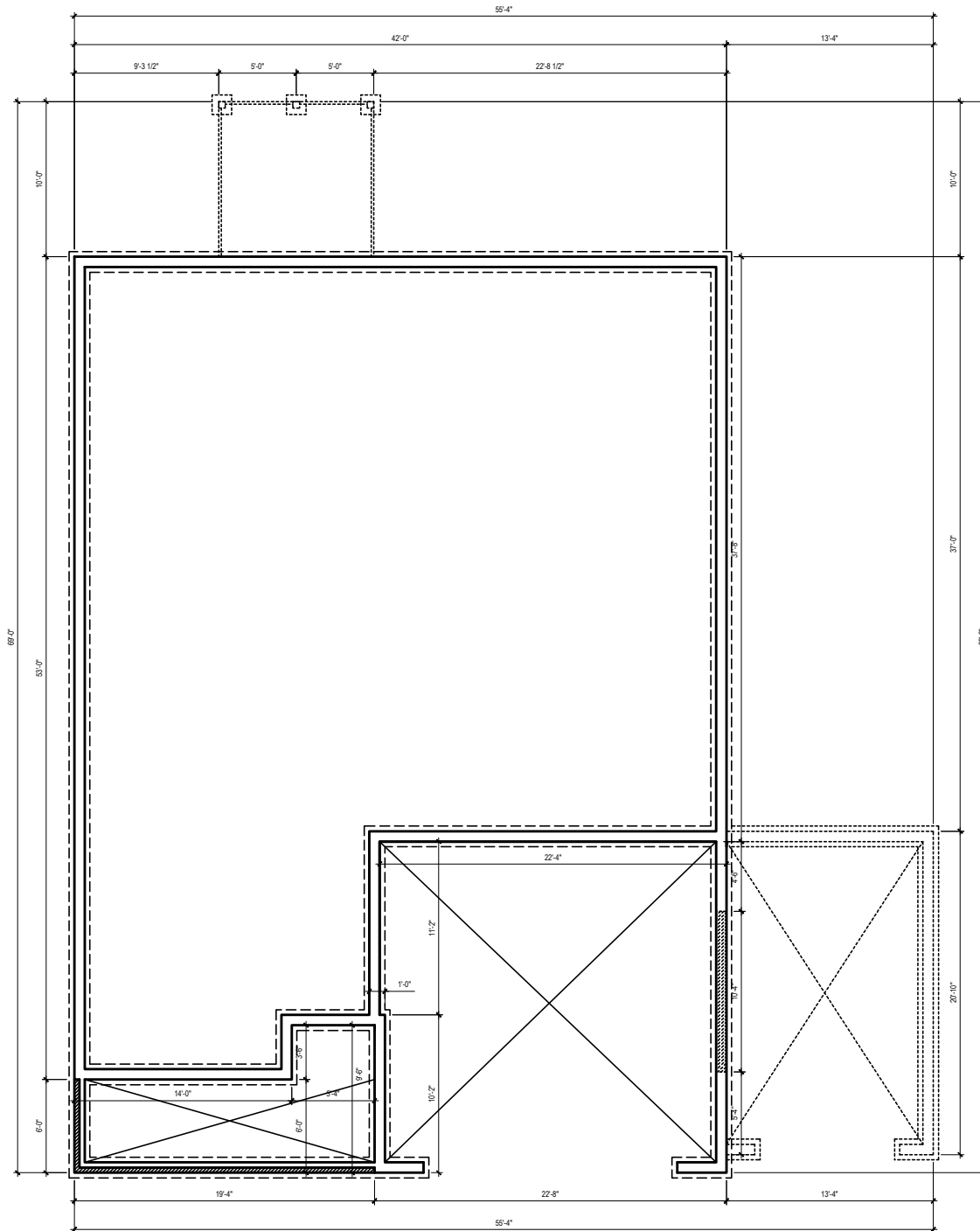


**CRAWL SPACE FOUNDATION PLAN**  
 1/4" = 1'-0"

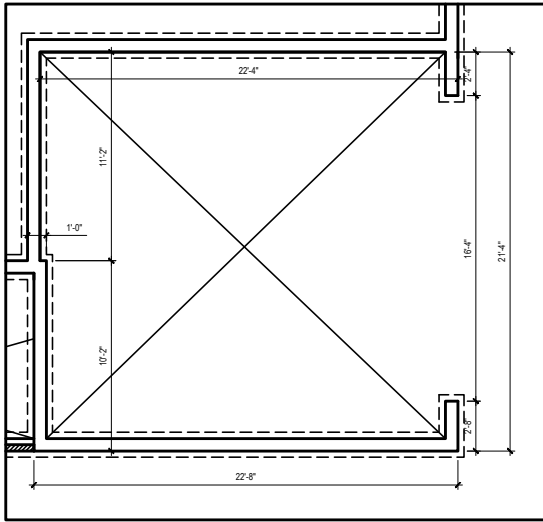




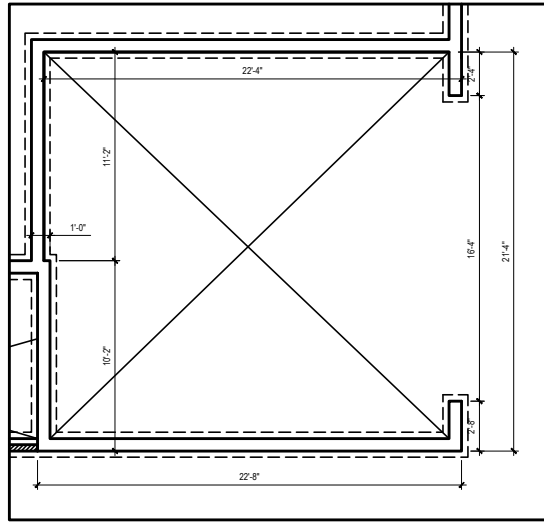
**MONO SLAB FOUNDATION PLAN**  
 1/4" = 1'-0"



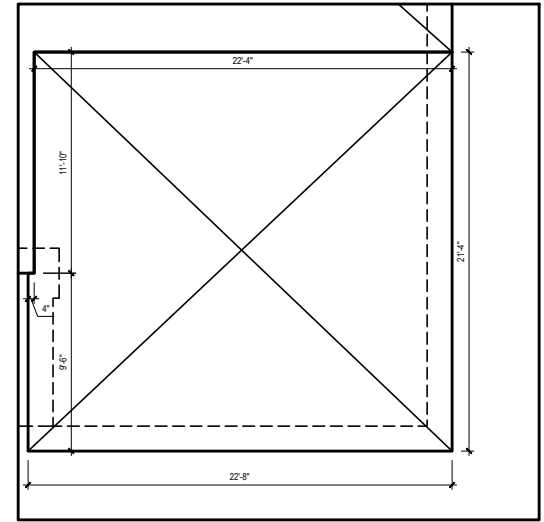
**STEM WALL FOUNDATION PLAN**  
 1/4" = 1'-0"



**CRAWL SPACE FOUNDATION PLAN**  
 1/4" = 1'-0"



**STEM WALL FOUNDATION PLAN**  
 1/4" = 1'-0"



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