

**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.

**SQUARE FOOTAGE**

HEATED SQUARE FOOTAGE		UNHEATED SQUARE FOOTAGE	
FIRST FLOOR=	1944	GARAGE=	619
SECOND FLOOR=	899	FRONT PORCH=	289
THIRD FLOOR=	N/A	SCREEN PORCH=	216
BASEMENT=	N/A	3 <sup>rd</sup> . CAR GAR.=	240
		STORAGE=	N/A
<b>TOTAL HEATED=</b>	<b>2843</b>	<b>TOTAL UNHEATED=</b>	<b>1364</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.

-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)

1944 SQ. FT. OF CRAWL SPACE/1500

1.2 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.

3307 SQ. FT. OF ATTIC/300= 11.02

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.

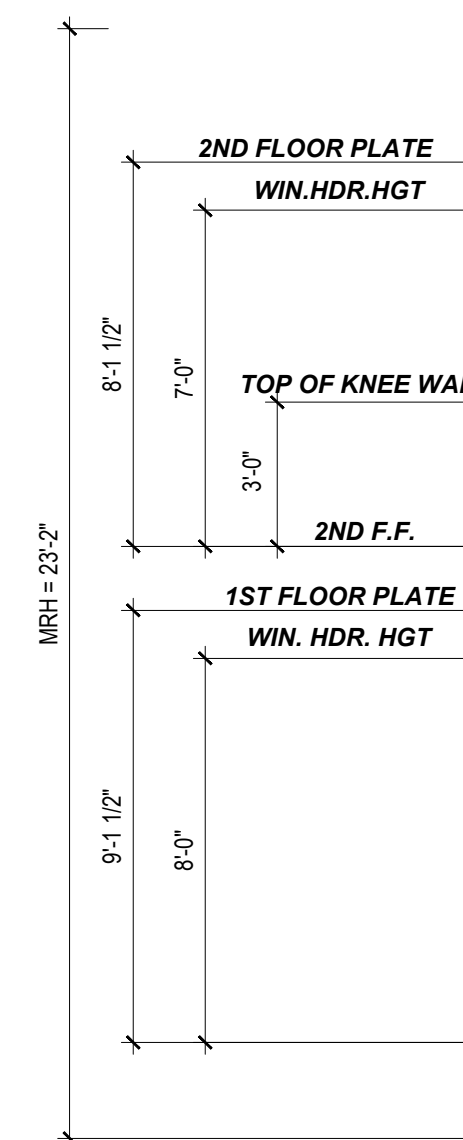
- ROOF VALUES BOTH POSITIVE AND NEGATIVE SHALL BE AS FOLLOWS:

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**



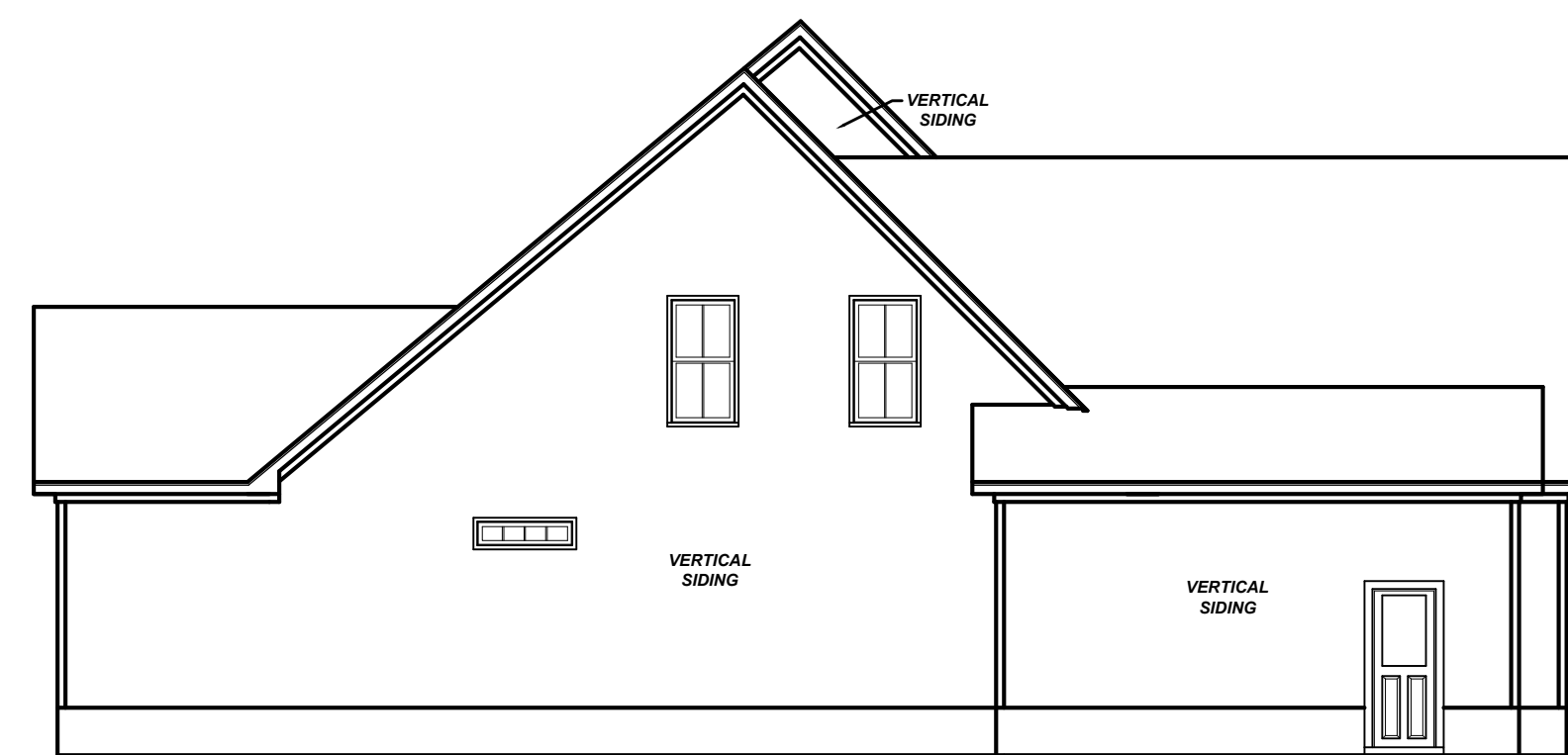
**FRONT ELEVATION**

1/4" = 1'-0"



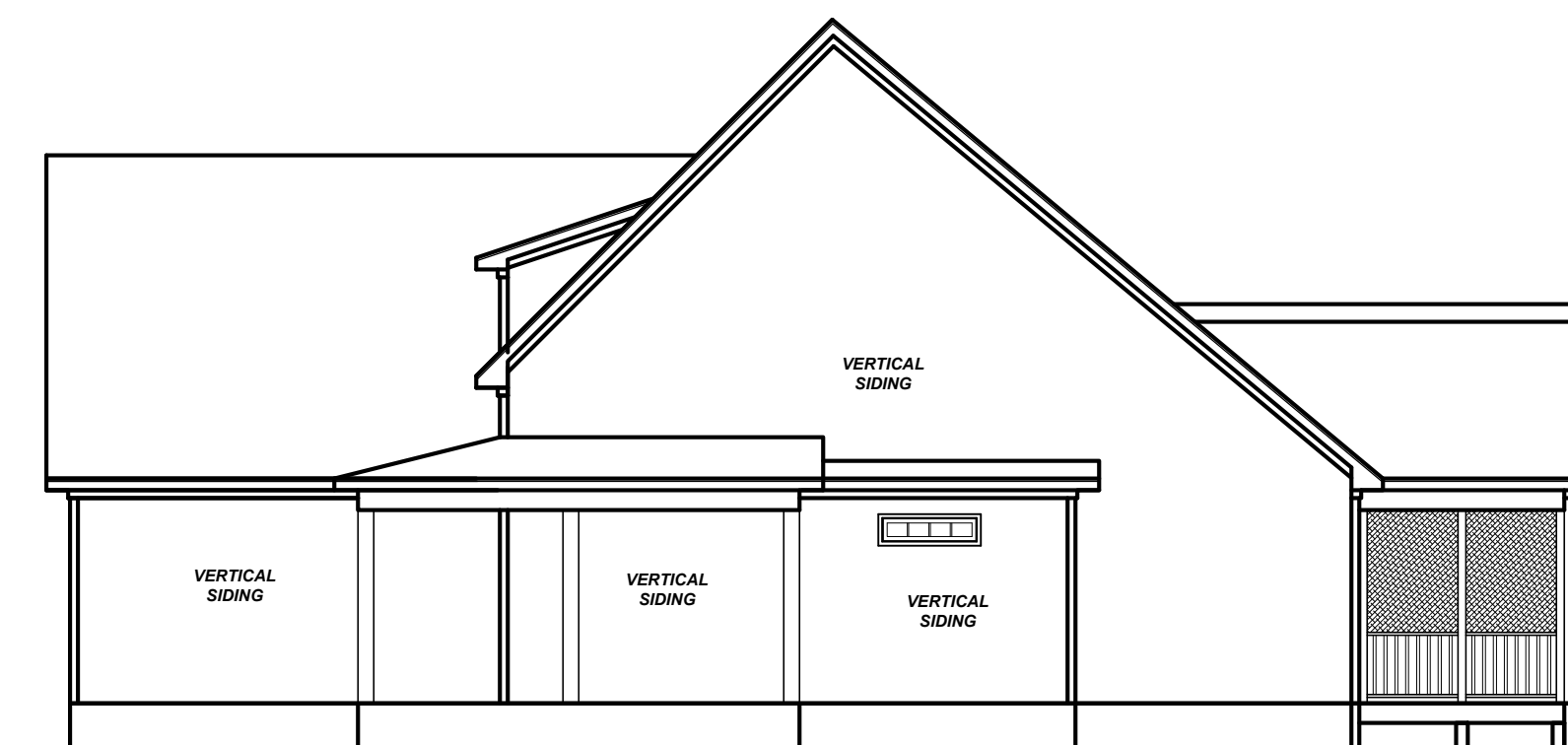
**REAR ELEVATION**

1/8" = 1'-0"



**LEFT ELEVATION**

1/8" = 1'-0"



**RIGHT ELEVATION**

1/8" = 1'-0"

Project #:	24-283
Date:	7-23-24
Drawn/Design By:	KBB
Scale:	REFER TO ELEV.

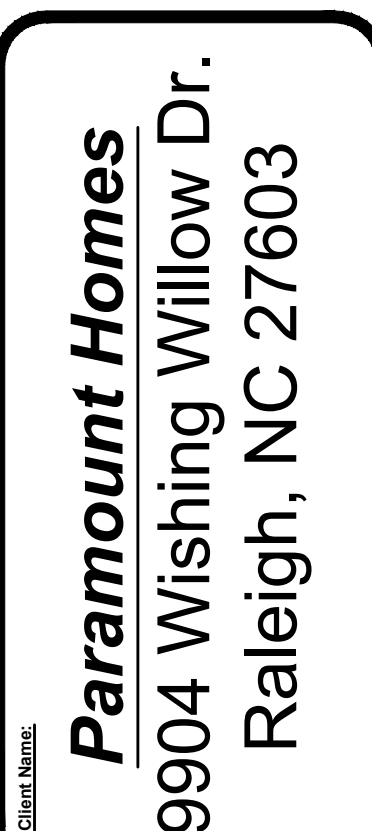
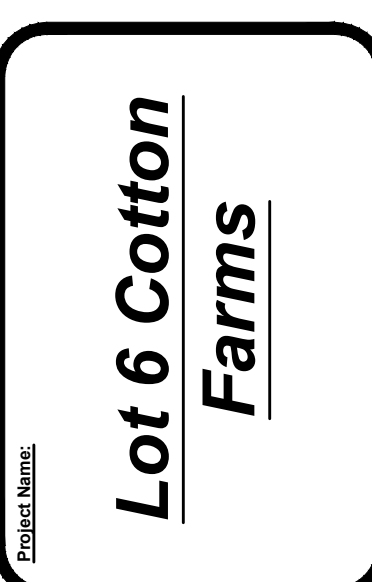
REVISIONS		
No.	Date	Remarks
1		
2		
3		
4		

9101 Ten-Ten Rd.  
Raleigh, NC 27603  
Office: (919) 302-0693



Website: www.KandAHomeDesigns.com

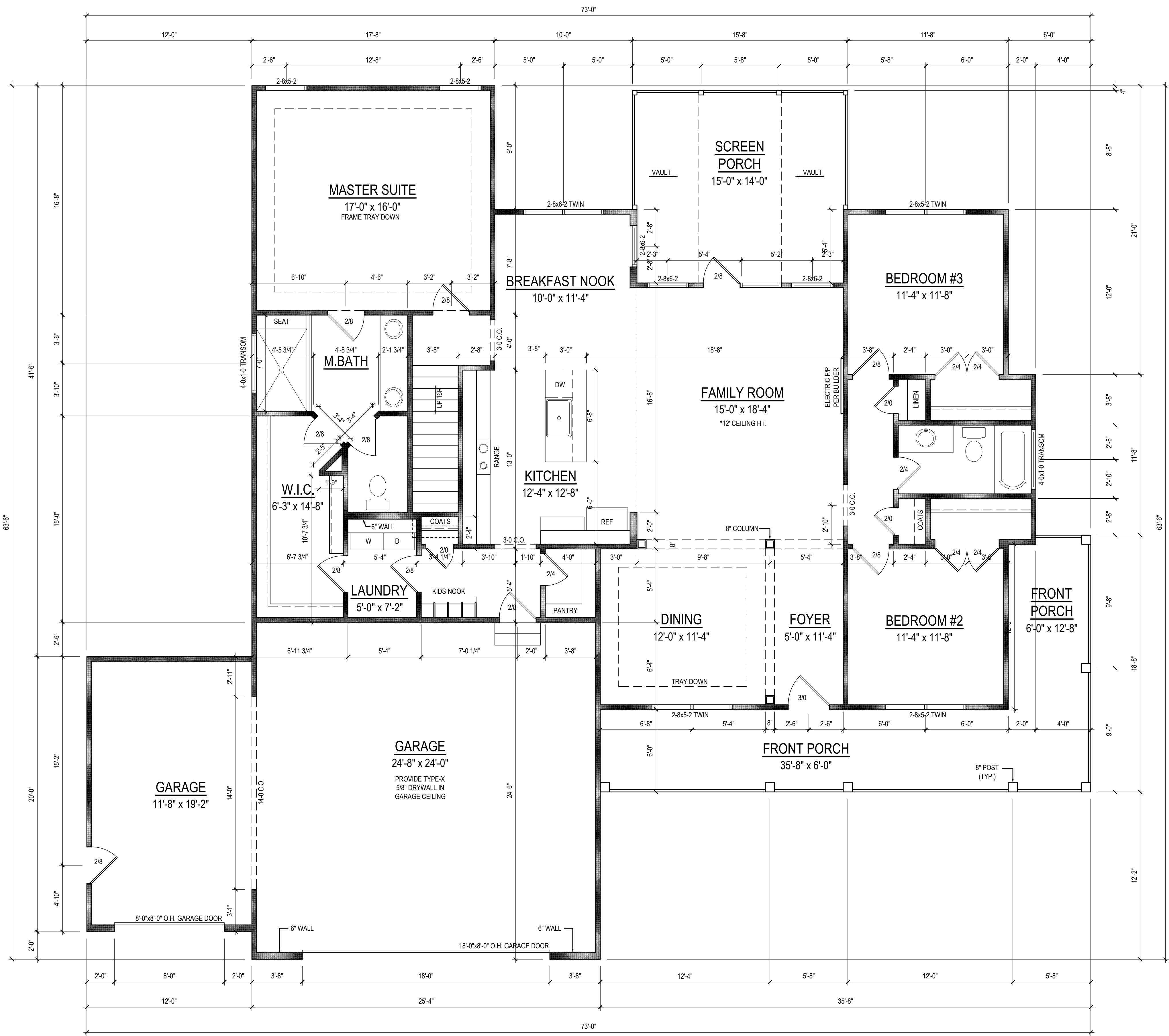
Email: Kent@KandAHomeDesigns.com



ELEVATIONS

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of 3





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

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24-283  
 Date  
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1/4" = 1'-0"

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**Lot 6 Cotton Farms**

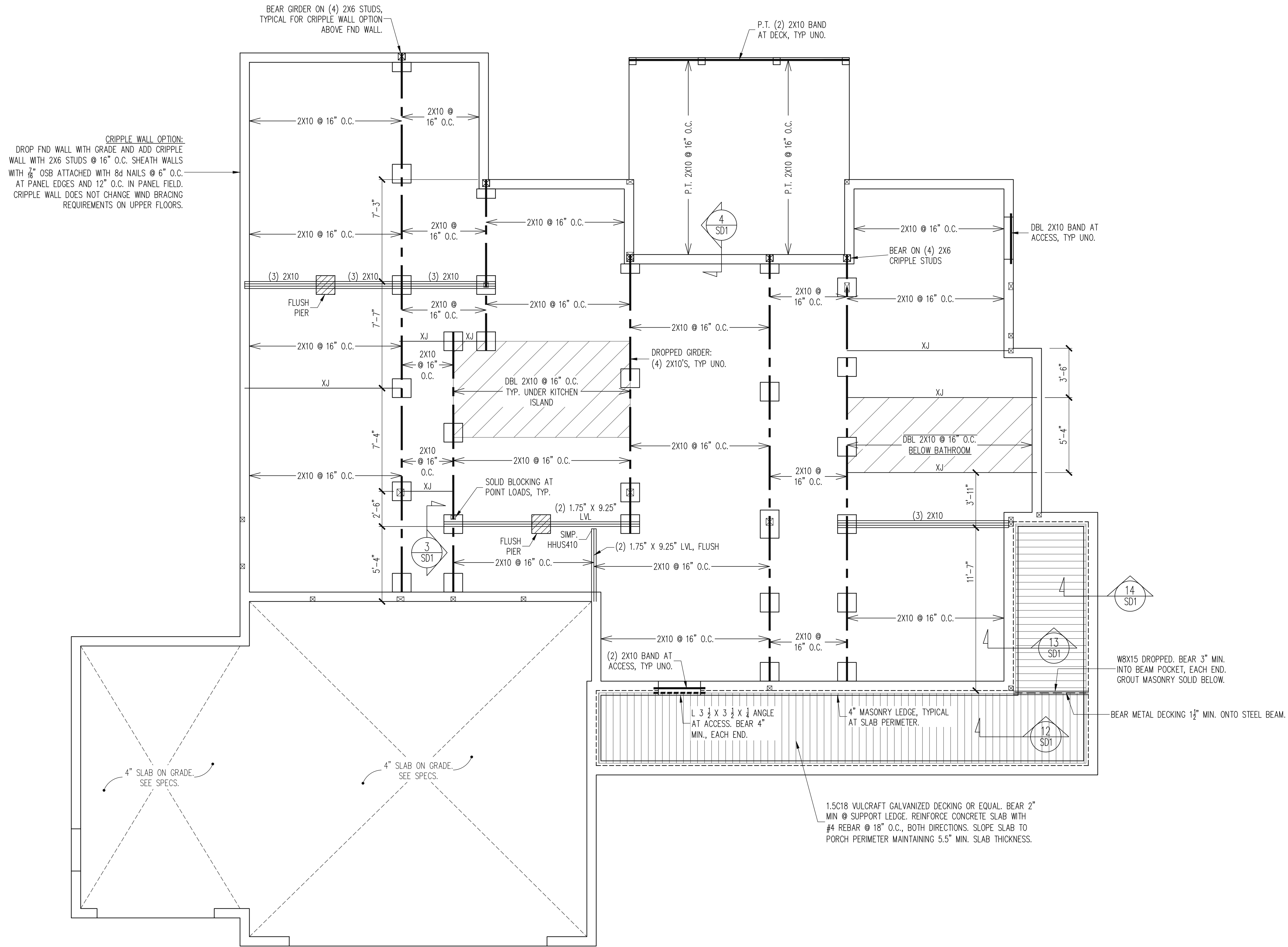
**Paramount Homes**  
 9904 Wishing Willow Dr.  
 Raleigh, NC 27603

FIRST FLOOR

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**2**  
 of 3

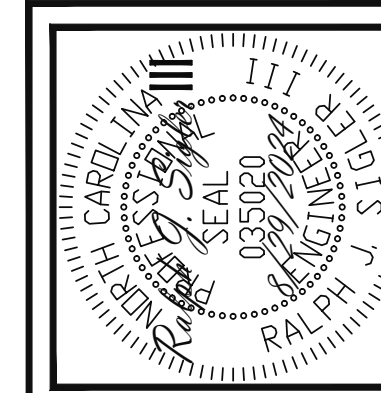






CRIPPLE WALL OPTION:  
 DROP FND WALL WITH GRADE AND ADD CRIPPLE WALL WITH 2X6 STUDS @ 16" O.C. SHEATH WALLS WITH 5/8" OSB ATTACHED WITH 8d NAILS @ 6" O.C. AT PANEL EDGES AND 12" O.C. IN PANEL FIELD. CRIPPLE WALL DOES NOT CHANGE WIND BRACING REQUIREMENTS ON UPPER FLOORS.

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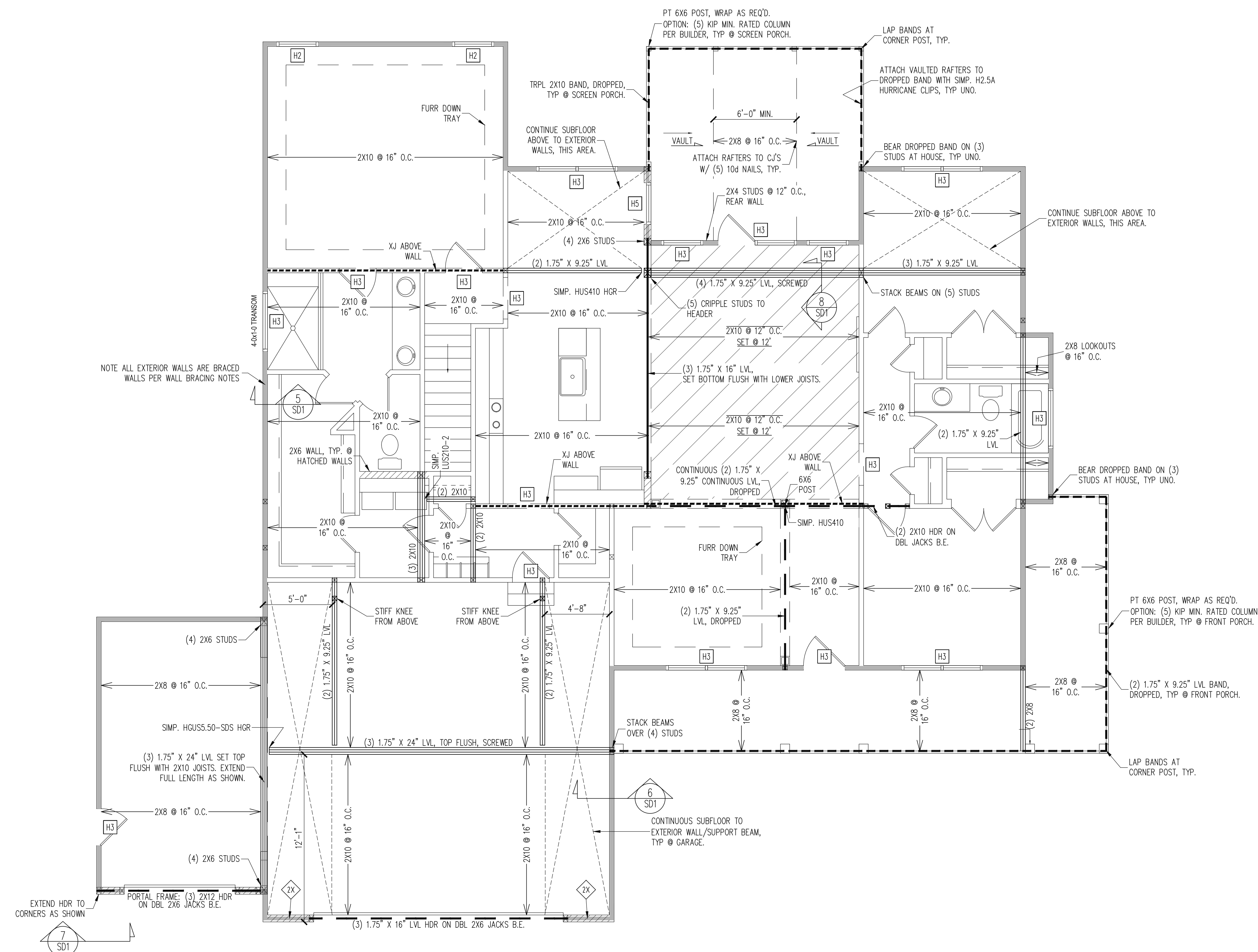
PARAMOUNT HOMES	REV #	REF PROJ #	DATE
STRUCTURAL ADDENDUM			
SCOPE:	6 COTTON FARMS		
LOC:			

ENG: RJS  
 DATE: 8/29/2024

PROJECT NO.  
 24-65-286

SHEET NO.  
 S2  
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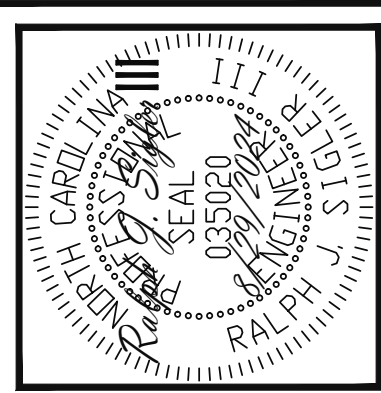
NOTE ALL EXTERIOR WALLS ARE BRACED WALLS PER WALL BRACING NOTES

WALL BRACING	
SHADED WALLS:	
ALL EXTERIOR STUD WALLS, EXTERIOR SIDE, ARE TO BE CONTINUOUSLY SHEATHED WITH 7/16 APA RATED OSB NAILED TO STUDS WITH 8d NAILS @ 6" O.C. AT PANEL EDGES, 12" O.C. IN PANEL FIELD.	
NOTES: PROVIDED CONTINUOUS SHEATHING = 276" MIN.	
2X - SHEATH BOTH SIDES OF STUD WALL WITH 7/16 APA RATED OSB, NAILED TO STUDS WITH 8d NAILS @ 6" O.C. AT PANEL EDGES, 12" O.C. IN PANEL FIELD.	
REFERENCE PART 16.02 OF CONSTRUCTION SPECIFICATIONS FOR GENERAL WIND BRACING INFORMATION.	

HEADER SCHEDULE	
H1	SINGLE 2X4 TURNED FLAT (A)
H2	(2) 2X4'S ON SINGLE JACKS (B)
H3	(2) 2X10'S ON SINGLE JACKS (C)
H4	(2) 1.75" X 9.25" LVL'S ON DBL JACKS
H5	(3) 2X10'S ON SINGLE JACKS
NOTES: -HEADERS IN NON LOAD BEARING INTERIOR WALLS ARE NOT LABELED.	

1ST FLOOR FRAMING PLAN  
WALLS AND CEILING 1/4" = 1'-0"

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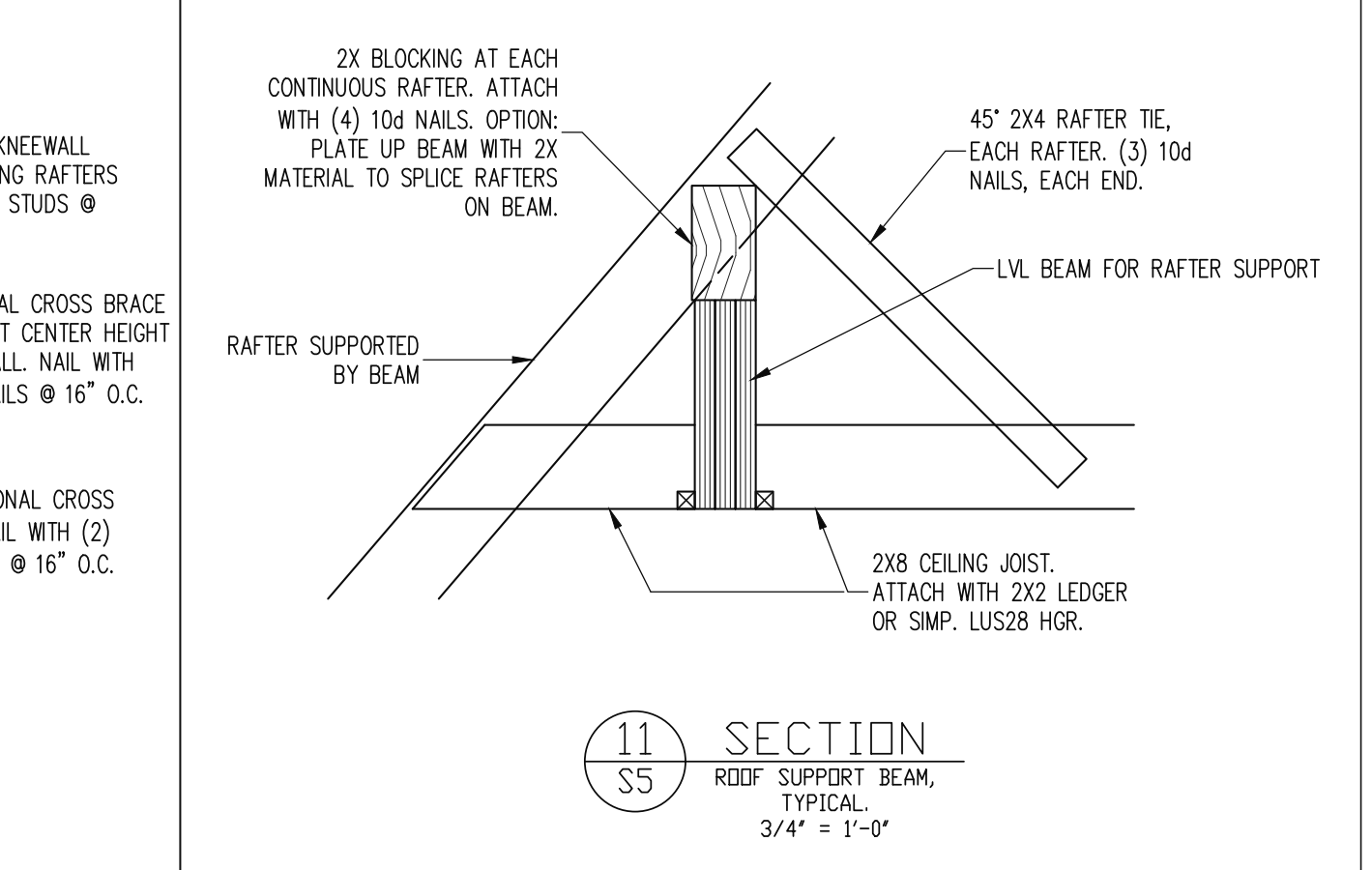
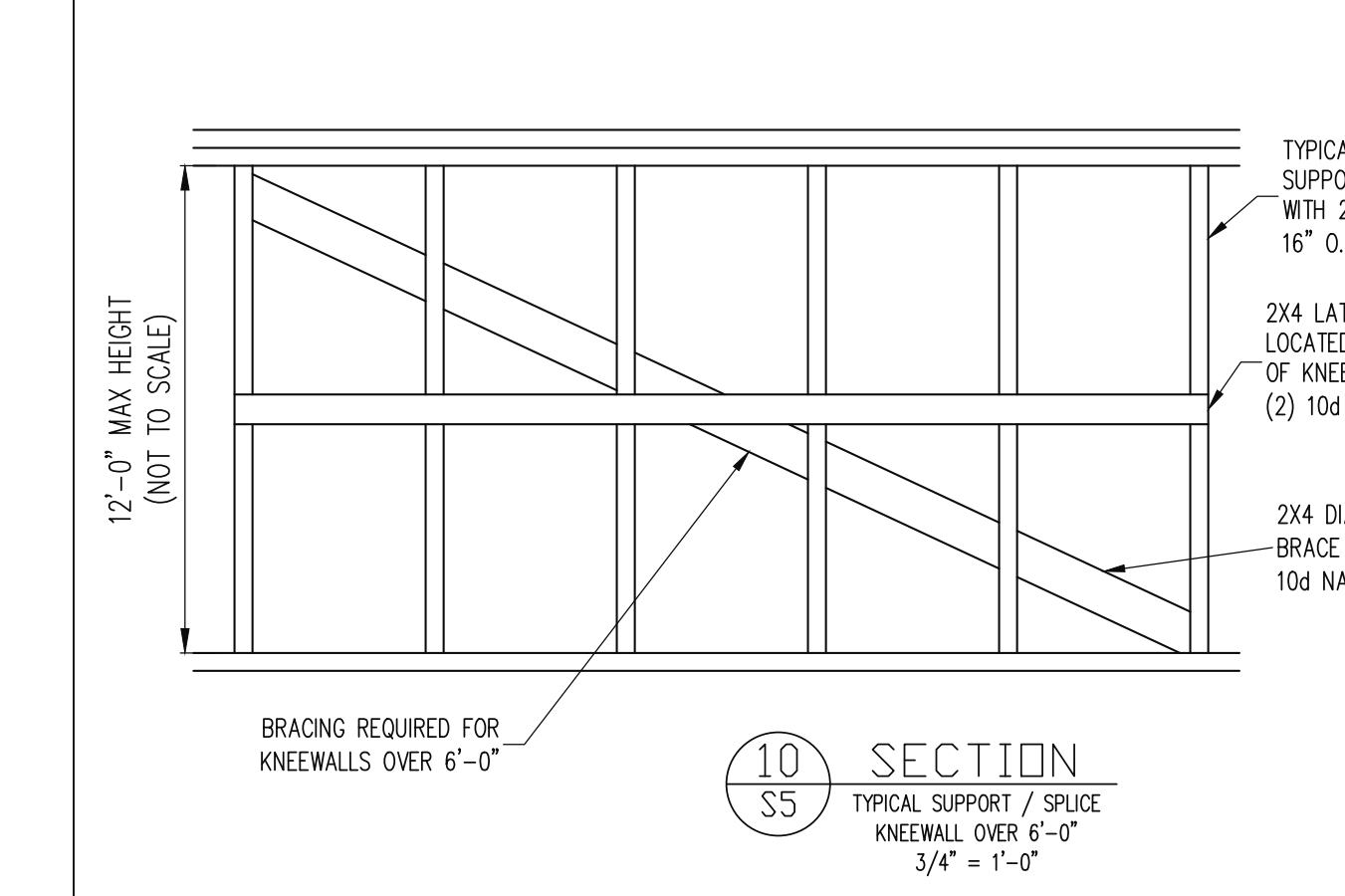
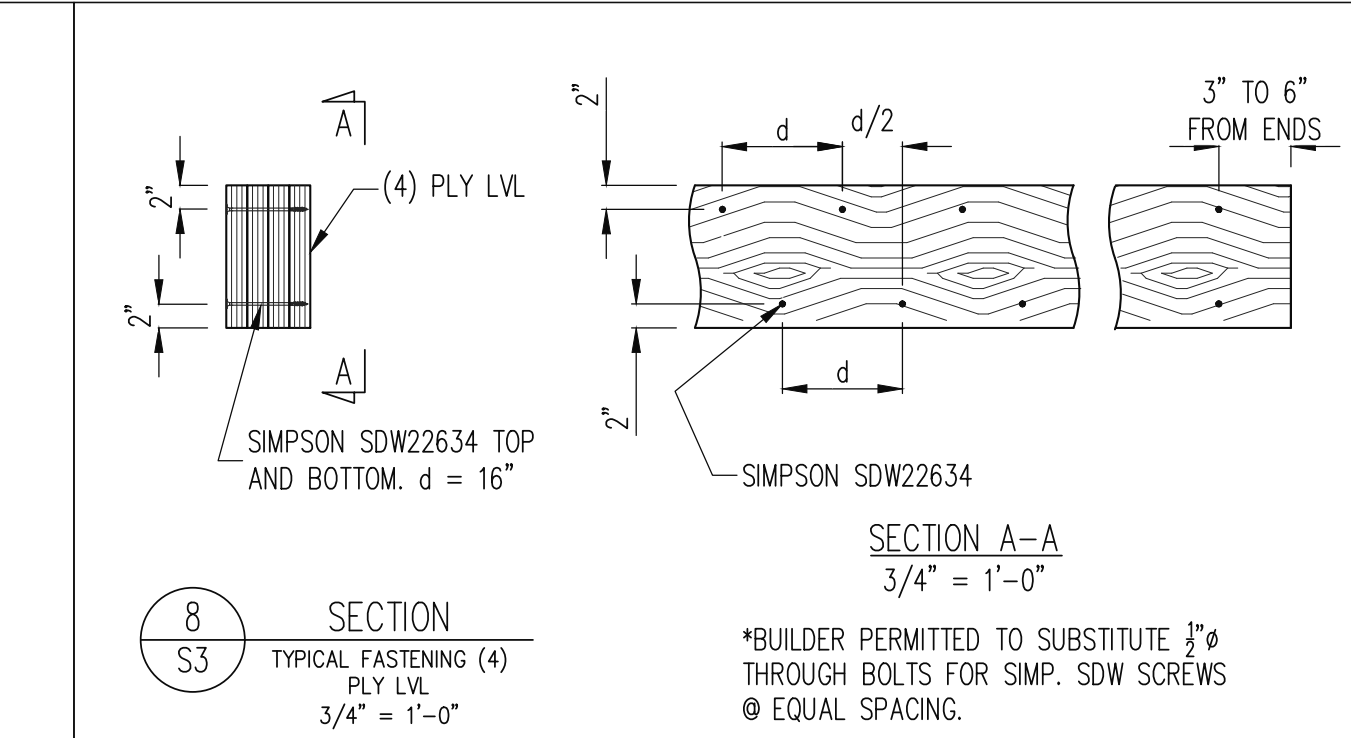
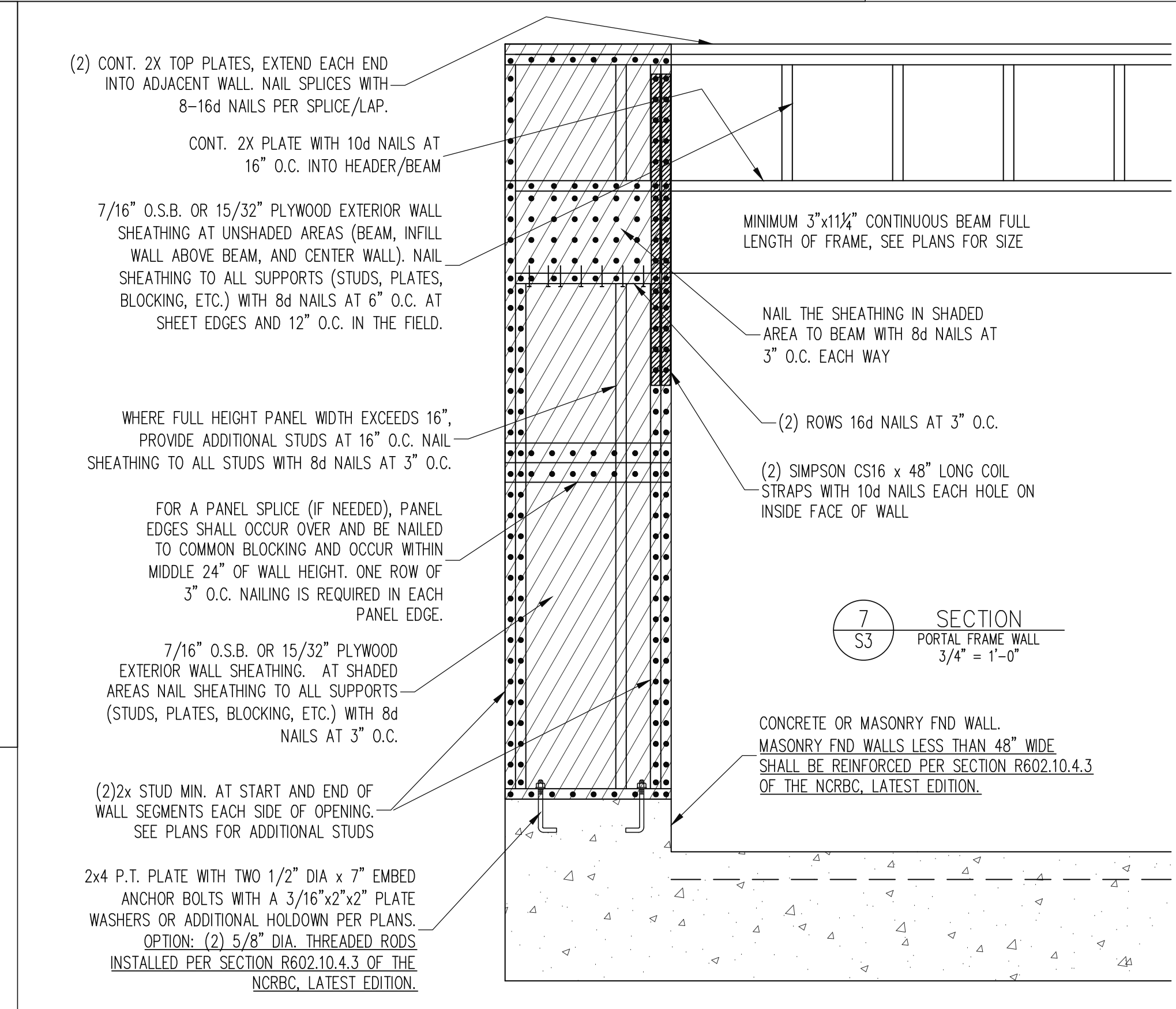
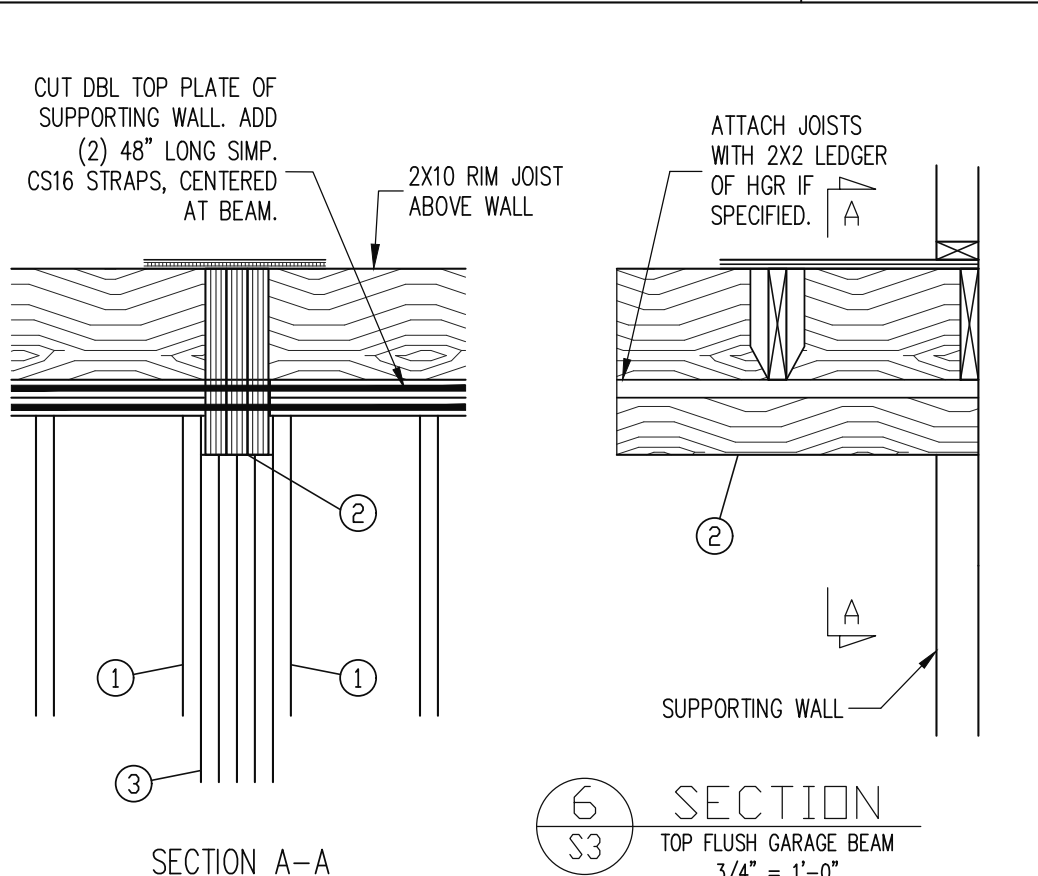
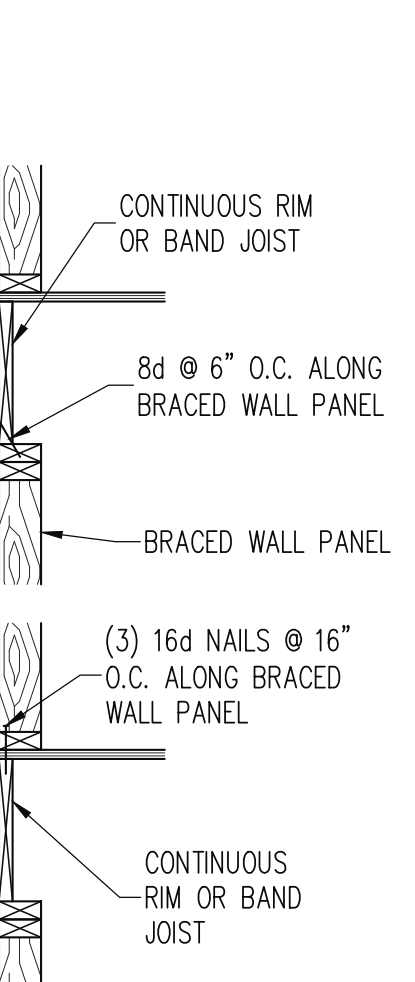
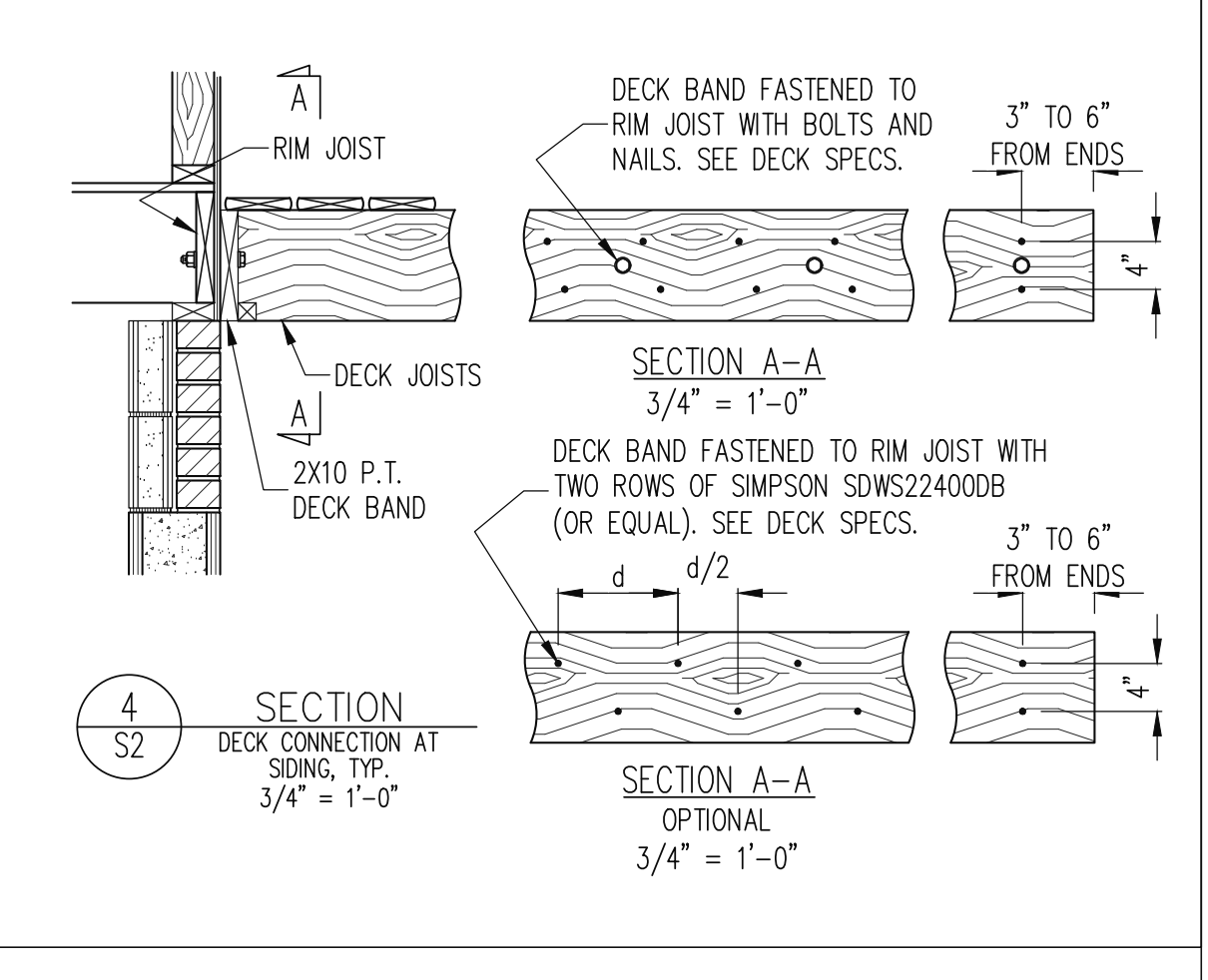
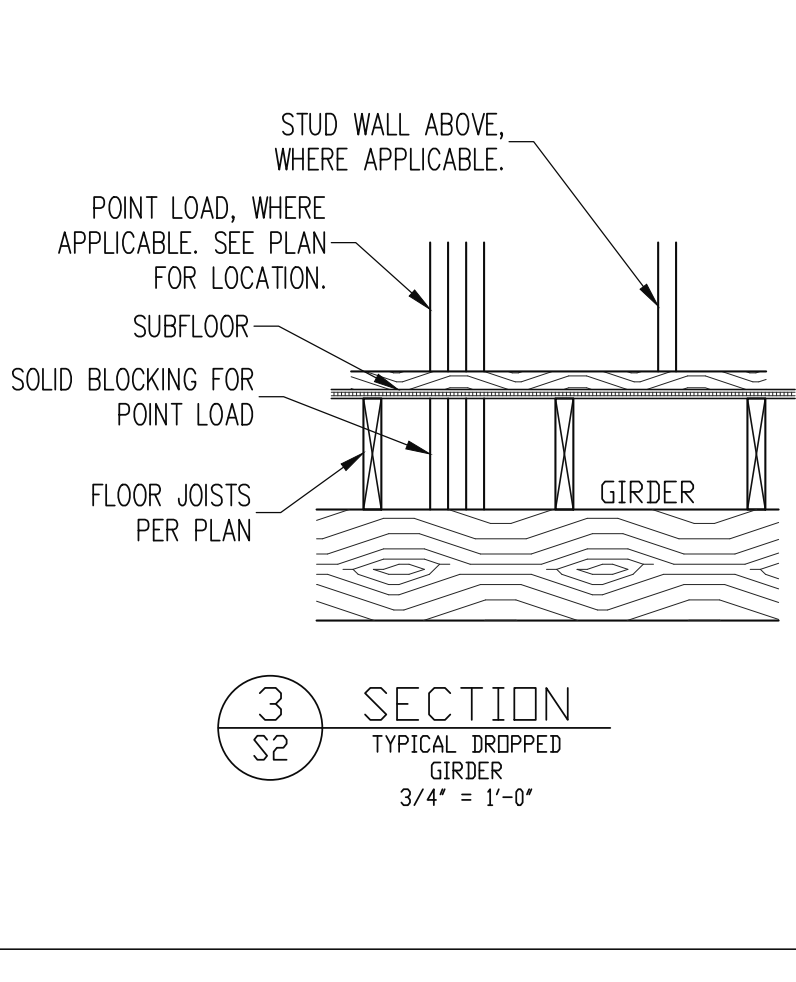
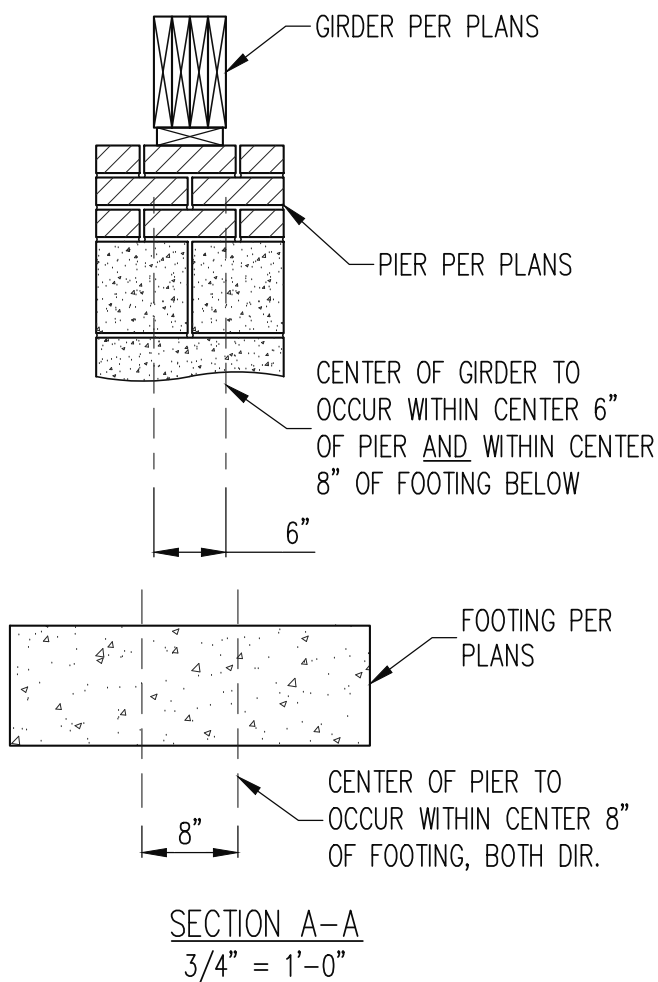
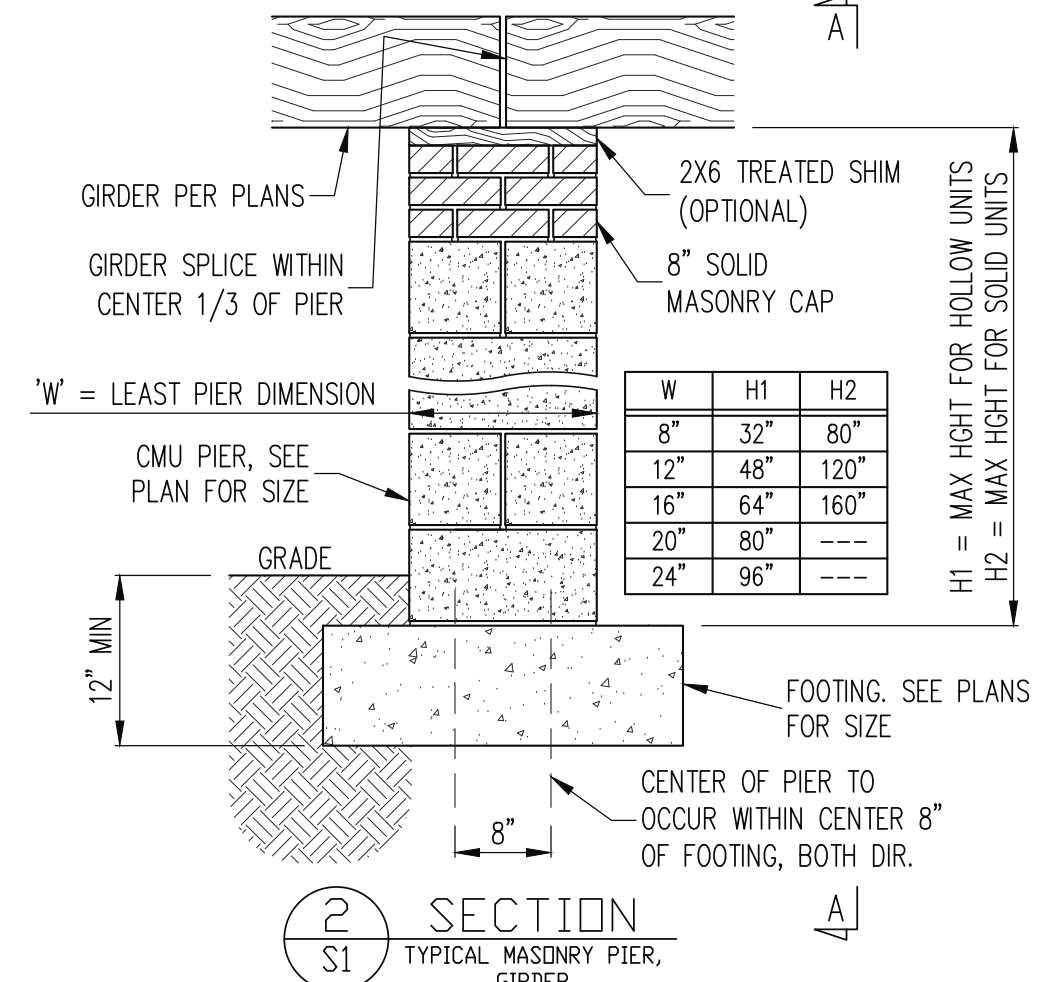
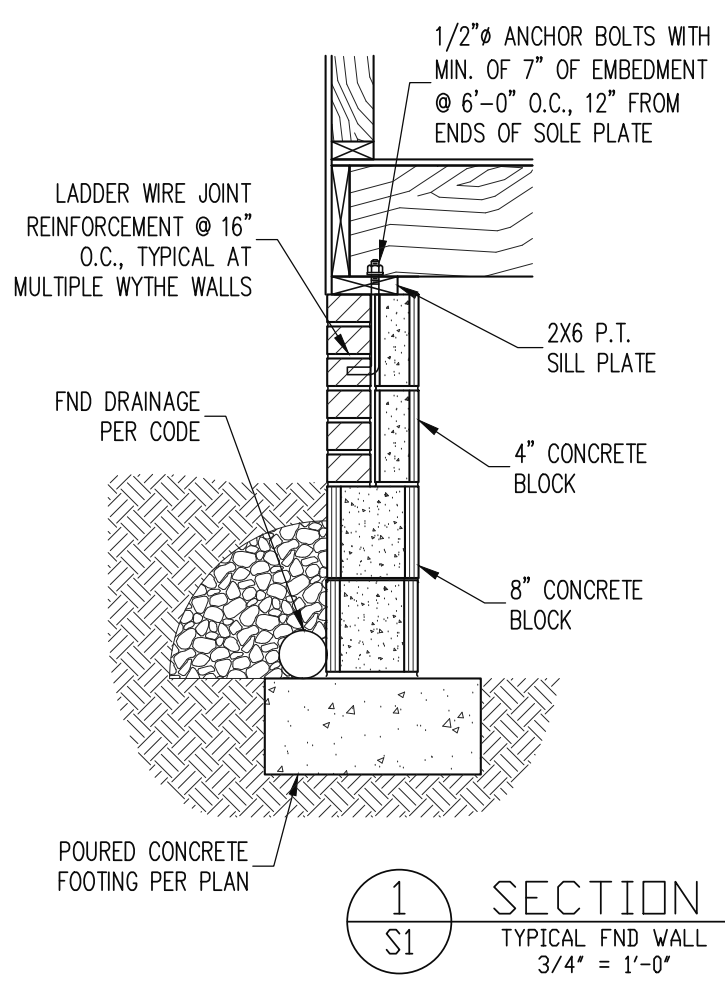
PARAMOUNT HOMES  
STRUCTURAL ADDENDUM  
SCOPE: 6 COTTON FARMS  
LOC: 6

ENC:	RJS
DATE:	8/29/2024
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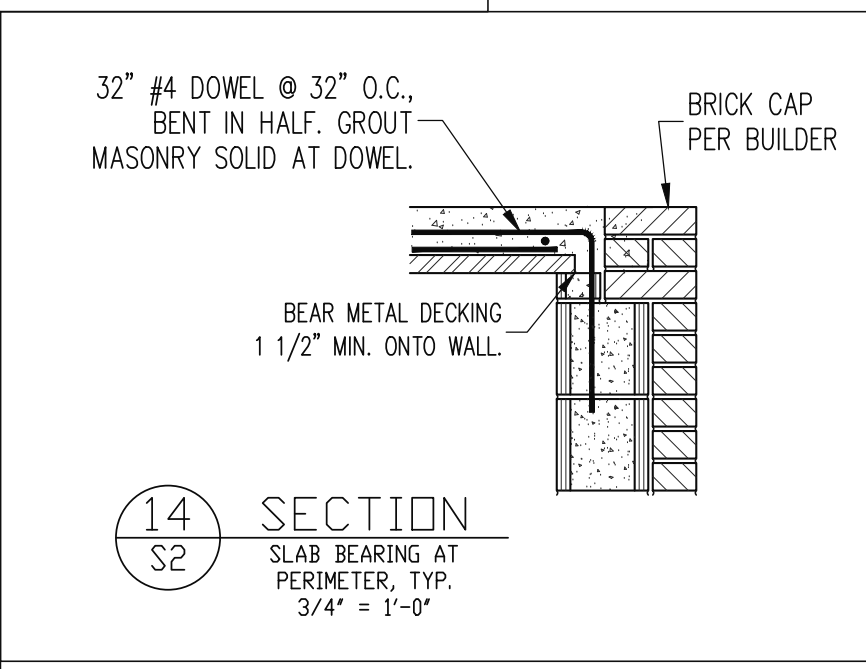
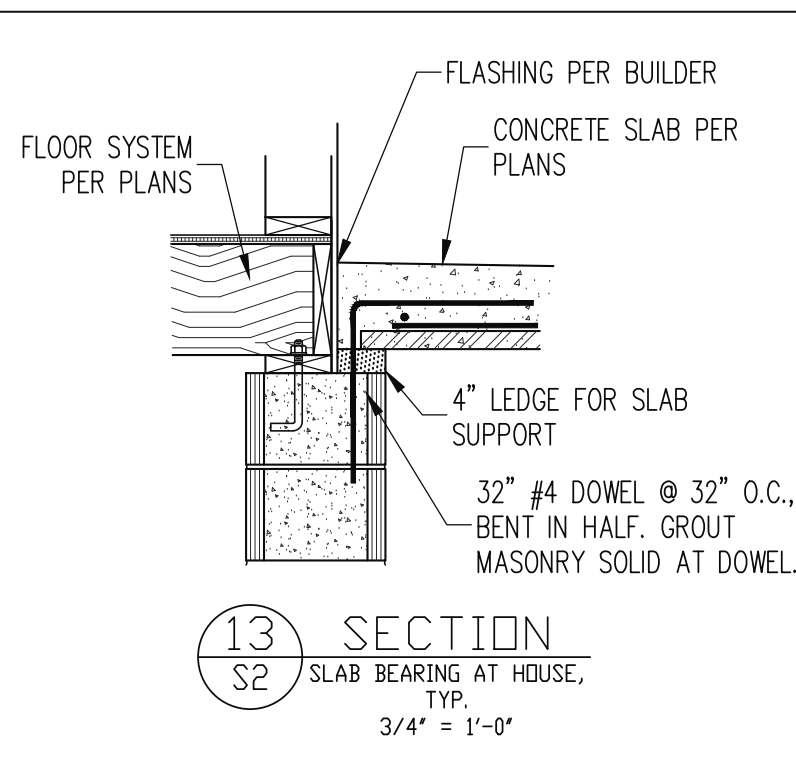
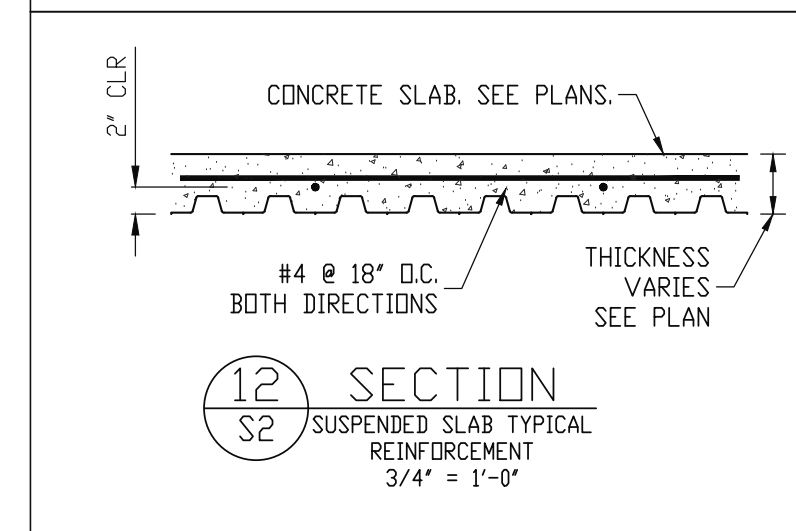




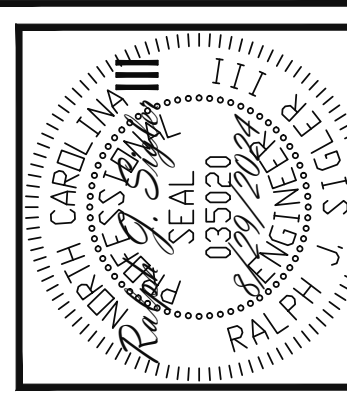


ITEM DESCRIPTION

- KING STUD
- TOP FLUSH BEAM (SEE PLAN)
- STUDS SUPPORTING BEAM (SEE PLAN FOR NUMBER OF STUDS REQUIRED)



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 DATE: 8/29/2024

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 24-65-286

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 SD1  
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