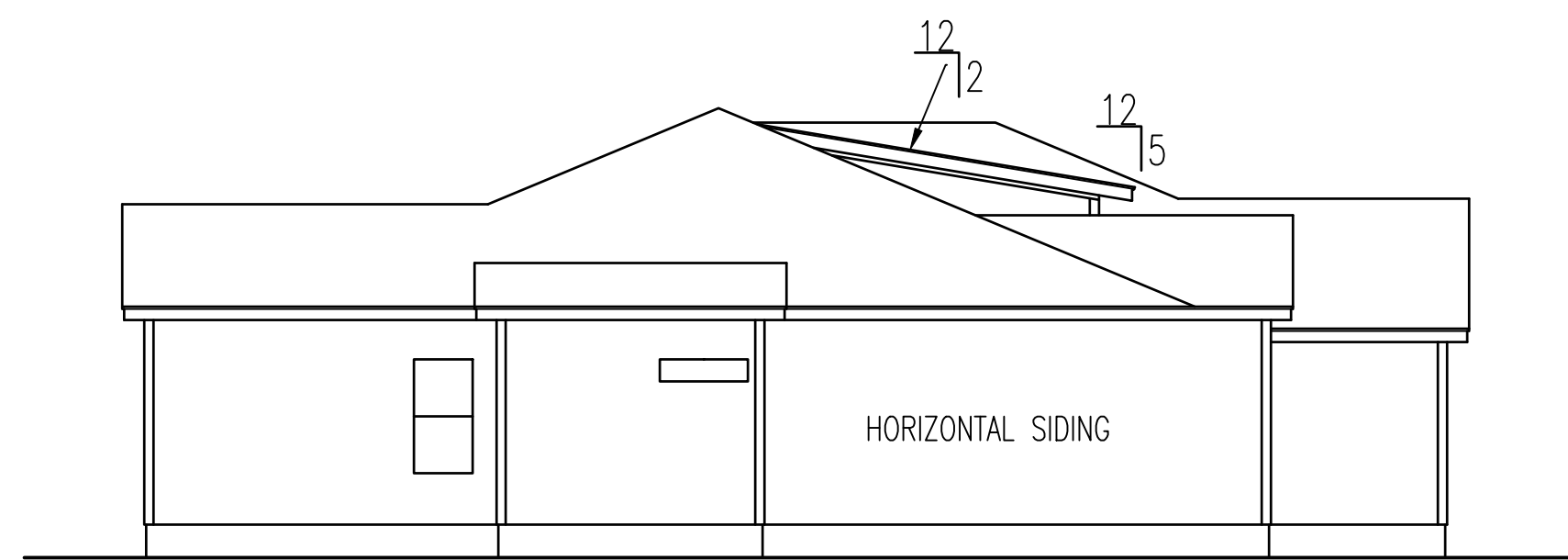
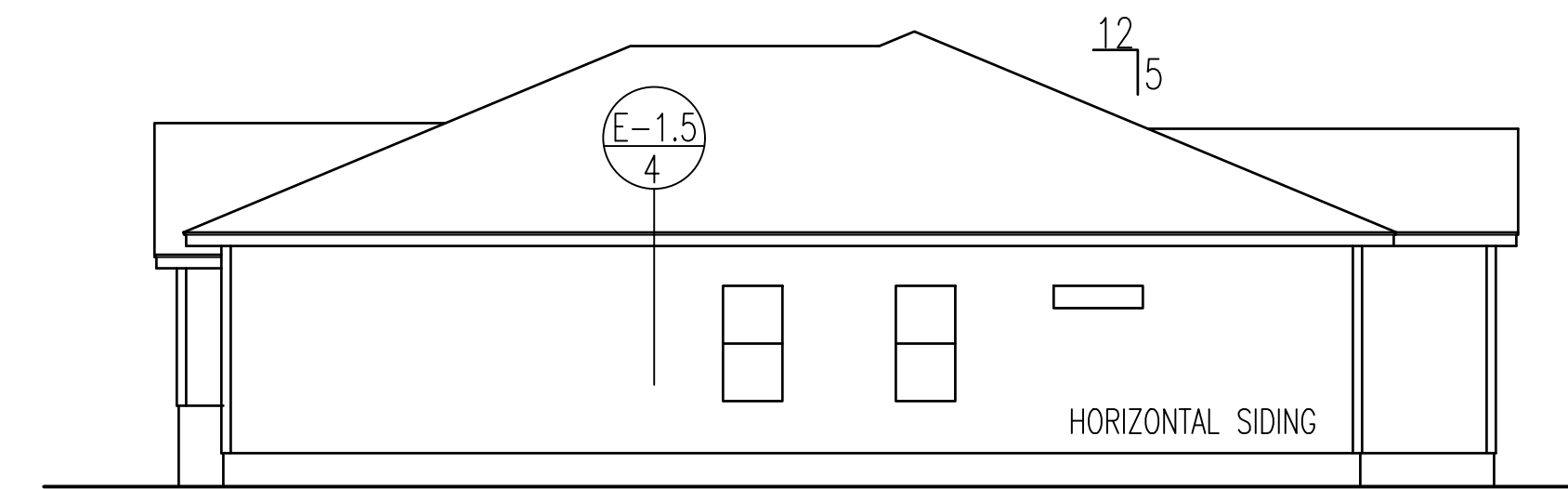




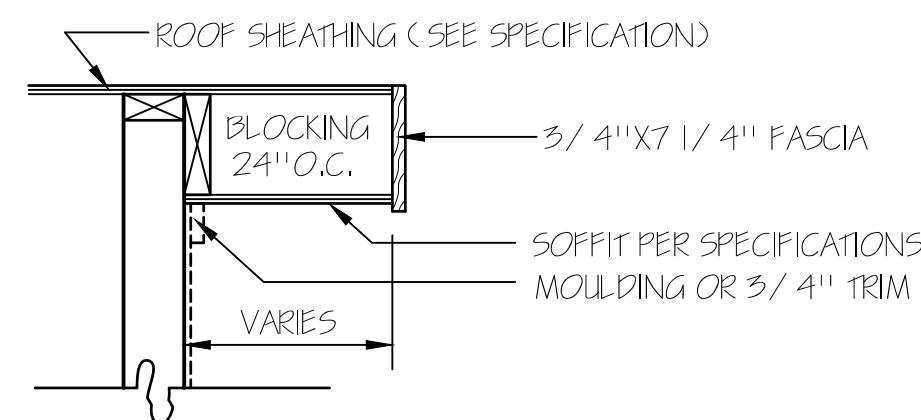
FRONT ELEVATION
SCALE: 1/4" = 1'-0"



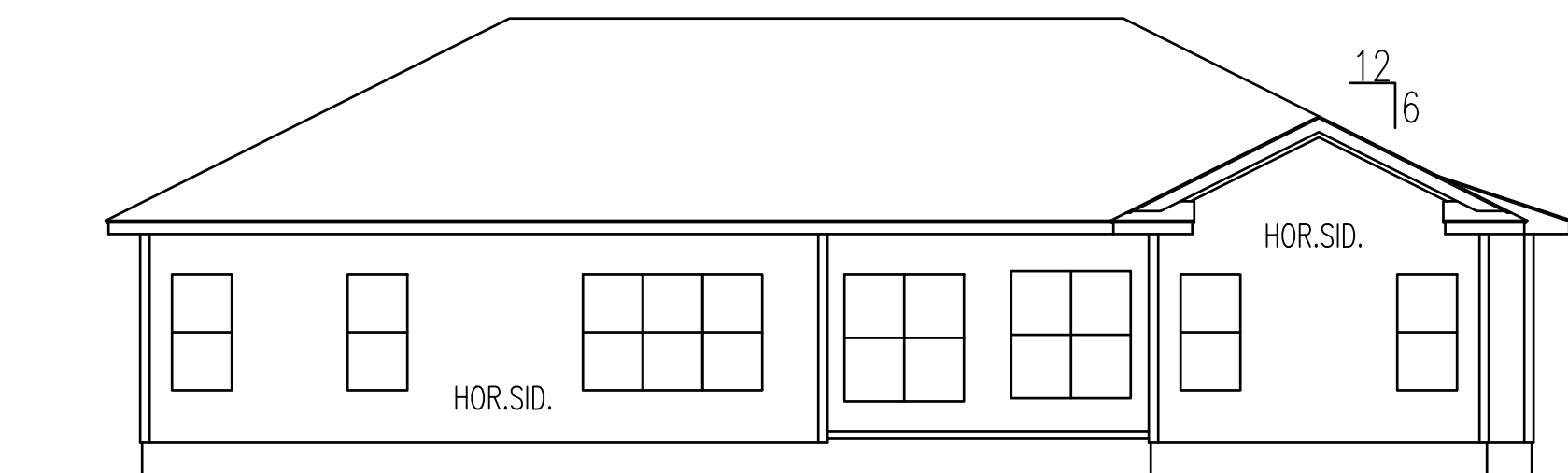
LEFT ELEVATION



RIGHT ELEVATION



RAKE DETAIL FOR
GABLE ENDS



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

ATTIC VENTILATION CALCULATIONS			
ATTIC AREA	2965 SQ.FT.	AREA VENTILATION REQUIRED	17.8 SQ.FT.
EACH	FT. BASE GABLE LOUVER	EQ	SQ.FT. NET FREE AREA
EACH	FT. BASE GABLE LOUVER	EQ	SQ.FT. NET FREE AREA
EACH	LOUVER	EQ	SQ.FT. NET FREE AREA
167	LIN.FT. EAWE VENT	@ 11 SQ.IN./FT.	= 12.7 SQ.FT. NET FREE AREA
68	LIN.FT. RIDGE VENT	@ 18 SQ.IN./FT.	= 8.3 SQ.FT. NET FREE AREA

TM DESIGNS
RESIDENTIAL PLANS BY TINA MCFADDEN
(910) 354-4736 TMDDESIGNS2016@GMAIL.COM

WATERMARK HOMES
EXCLUSIVE RESIDENCE DESIGN FOR:
NAME: BLUE ASH
LOT: 83 SOUTH CREEK

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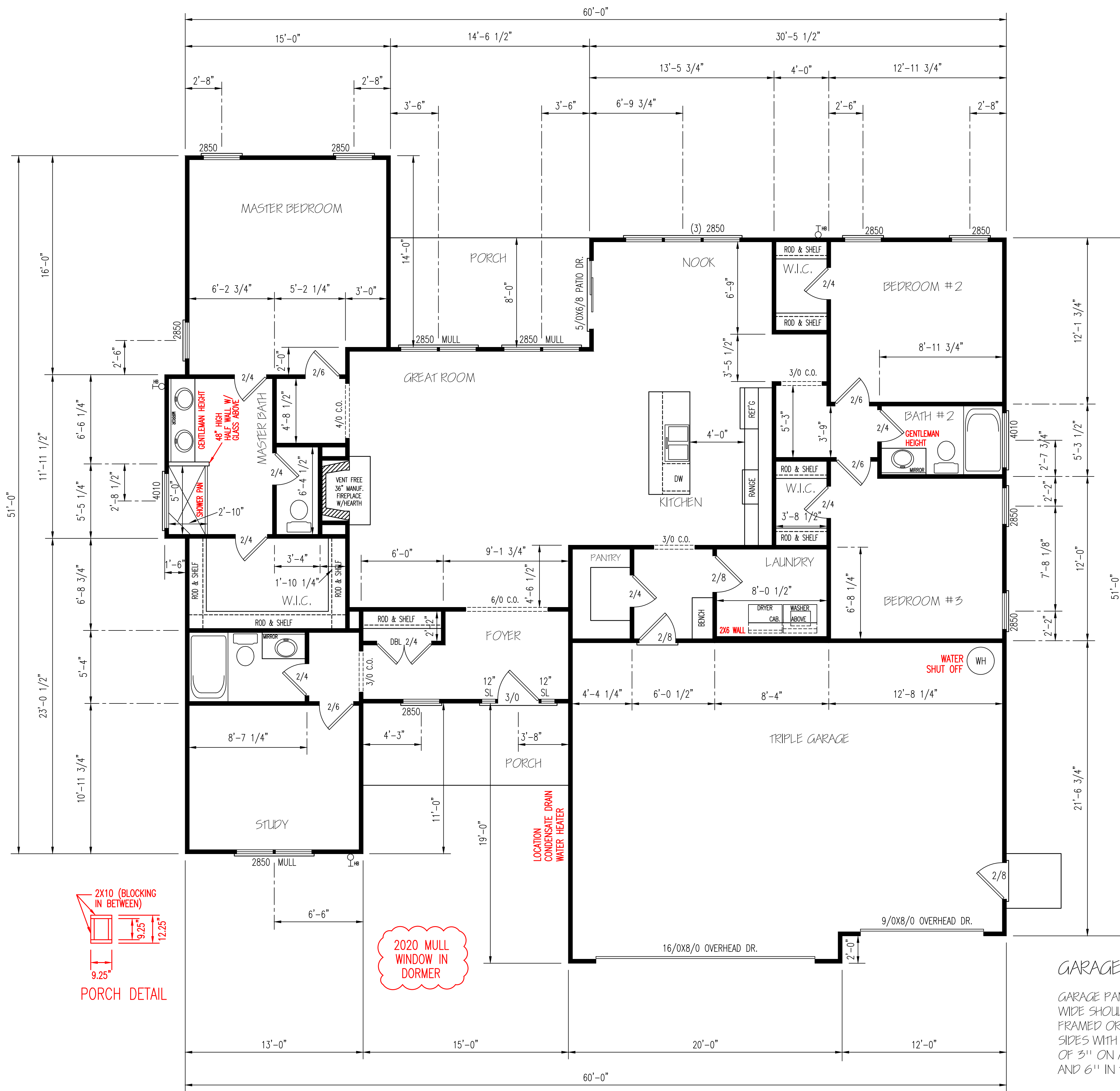
I HEREBY CERTIFY THAT THIS DRAWING MEETS LOCAL CODES, 2018 INTERNATIONAL BUILDING CODES

THIS IS FOR THE CONSTRUCTION OF ONE HOUSE ON A SINGLE LOT. NOT TO BE REUSED

PLAN NUMBER
RG20-A06

OPTION #1

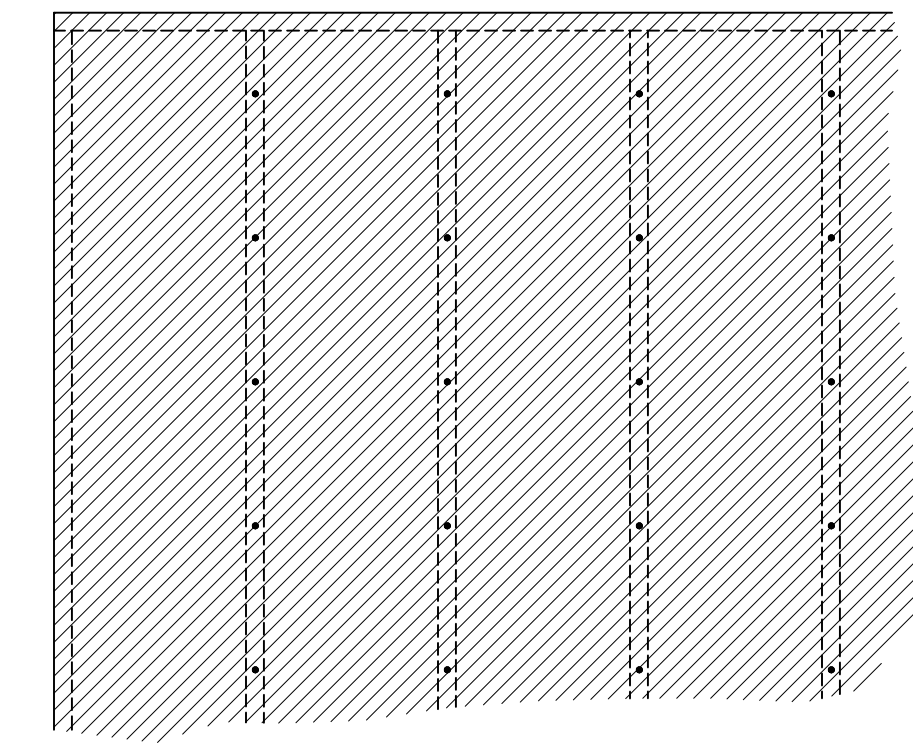
1	GARAGE	F L
	DATE:	7/1/20



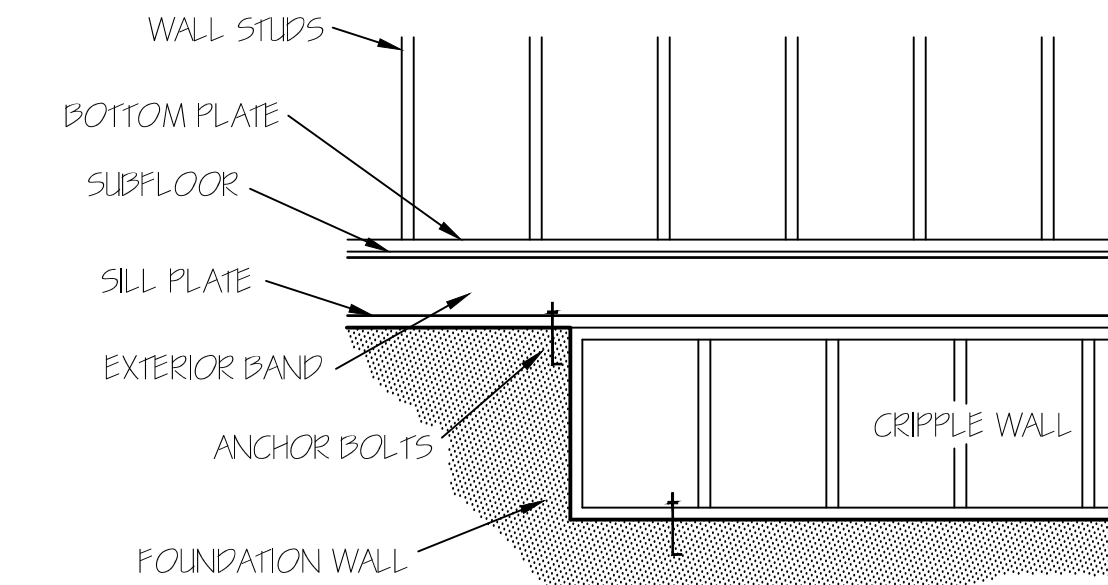
EXTERIOR WALLS (2) 2X10 HEADERS		
CLEAR SPAN FOR HEADER	NUMBER OF STUDS	
	JACKS	KINGS
ALL DOOR & C.O. BELOW 4'	1	1
ALL DOOR & C.O. 4' TO 7'-11"	2	2
ALL DOOR & C.O. 8' AND ABOVE	SIZED BY ENGINEER	

****UNLESS NOTED OTHER WISE****

BRACING METHOD



EXTERIOR WALL TO BE FULLY SHEATHED WITH 7/16" OSB. NAILING PATTERN TO BE 8" ON ALL EDGES AND 12" IN FIELD, WITH 8d NAILS.



FOUNDATION CRIPPLE WALLS SHALL BE FRAMED OF STUDS NOT SMALLER THAN THE STUDDING ABOVE. WHEN EXCEEDING 4 FT. IN HEIGHT, SUCH WALLS SHALL BE FRAMED OF STUDS HAVING THE SIZE REQUIRED FOR AN ADDITIONAL STORY. CRIPPLE WALLS WITH A STUD HEIGHT LESS THAN 14 INCHES SHALL BE CONTINUOUSLY SHEATHED ON ONE SIDE WITH WOOD STRUCTURAL PANELS FASTENED TO BOTH THE TOP AND BOTTOM PLATES IN ACCORDANCE WITH TABLE R602.5.1.D. OR CRIPPLE WALLS SHALL BE CONSTRUCTED OF SOLID BLOCKING.

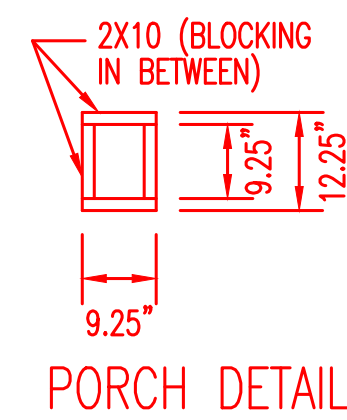
ENERGY TABLE
 UFACTOR OF WINDOWS 30
 CLIMATE ZONE 3
 INSULATION: WALLS 15
 CEILING 38
 FLOORS 19

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

HEATED AREA
 2035 SQ FT

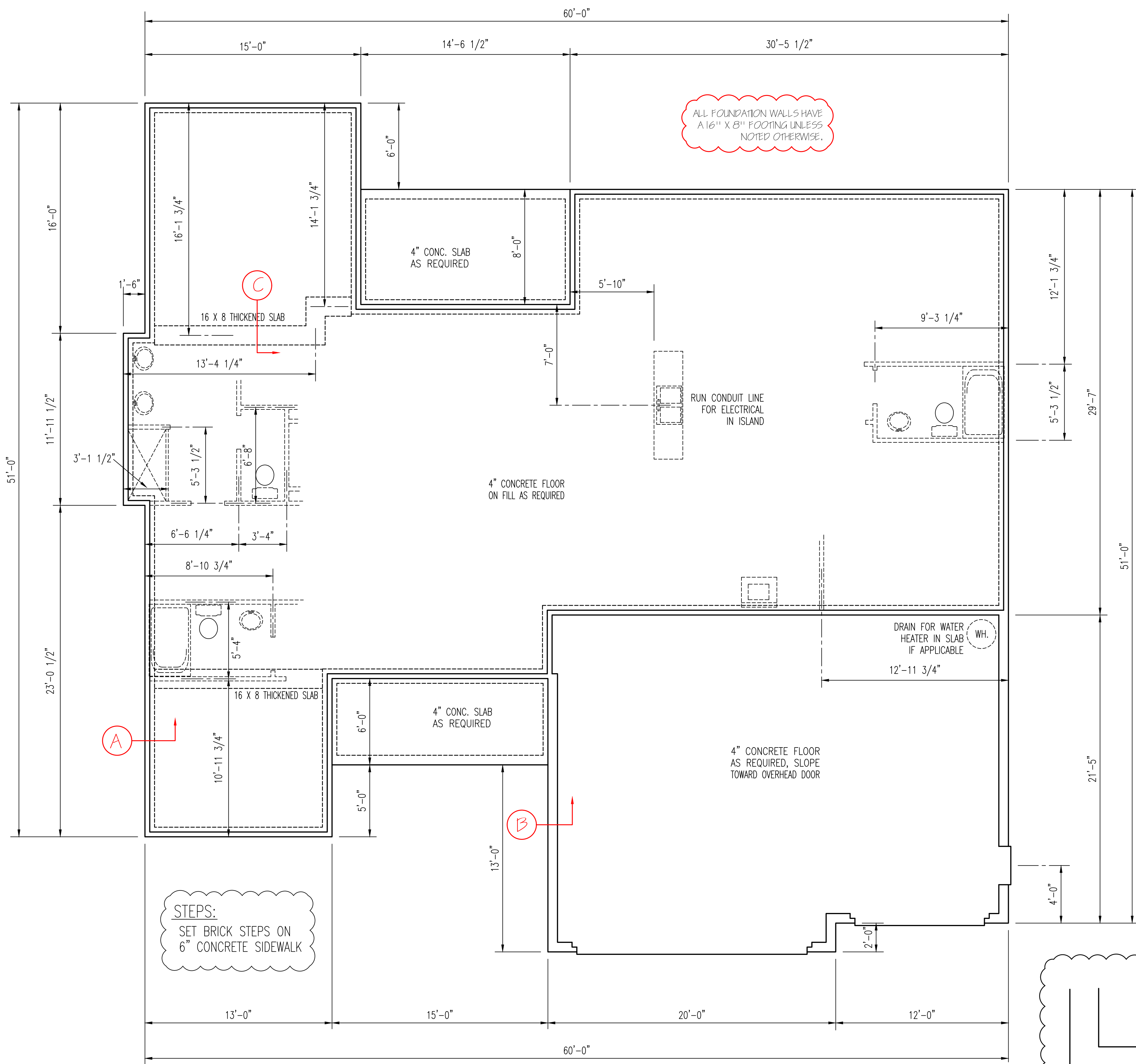
OTHER AREAS
 GARAGE 724 SQ FT
 F.PORCH 90 SQ FT
 R.PORCH 116 SQ FT

NOTE:
 CEILINGS ARE 9'-0"
 UNLESS NOTED.
 SET WINDOWS @ 7'-4"
 UNLESS NOTED.



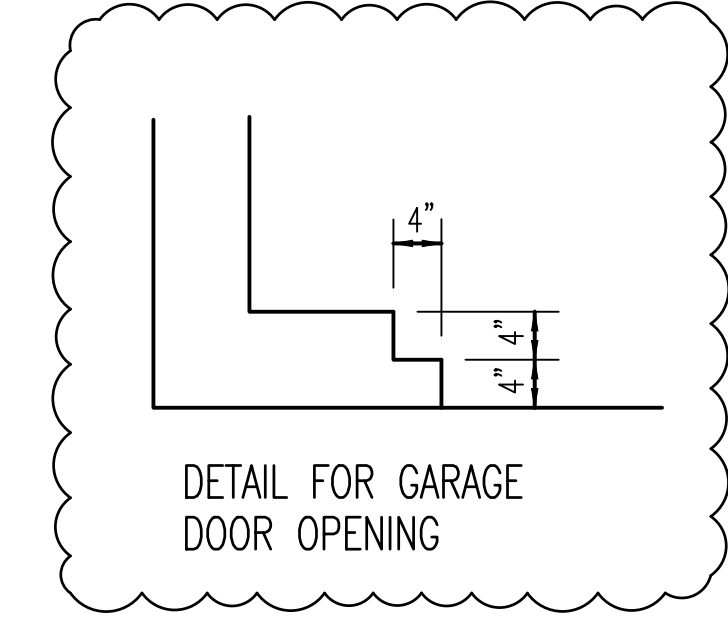
2020 MULL WINDOW IN DORMER

GARAGE PANEL WALL
 GARAGE PANEL WALLS UNDER 24" WIDE SHOULD BE EITHER PORTAL FRAMED OR 7/16" OSB ON BOTH SIDES WITH A NAILING PATTERN OF 3" ON ALL PANEL EDGES AND 6" IN THE FIELD.

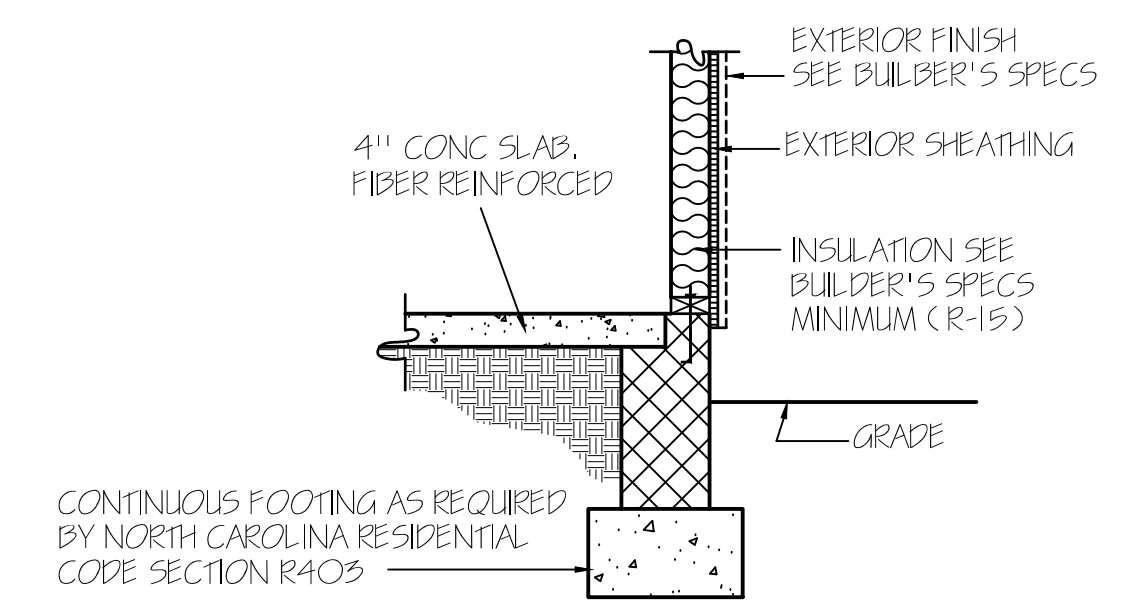


STEPS:
SET BRICK STEPS ON
6" CONCRETE SIDEWALK

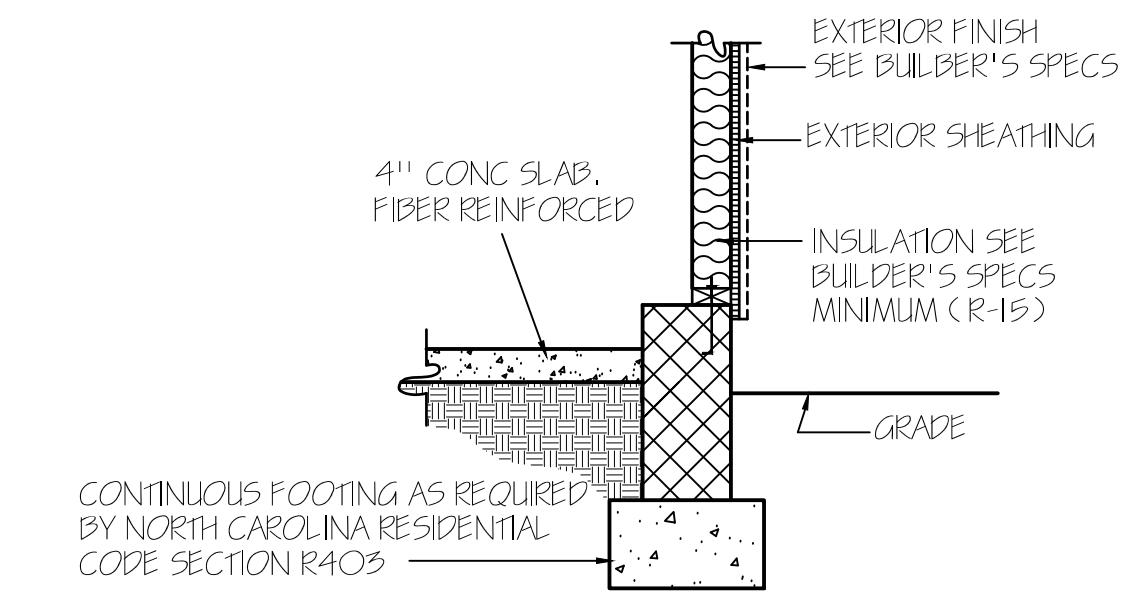
ALL FOUNDATION WALLS HAVE
A 16" X 8" FOOTING UNLESS
NOTED OTHERWISE.



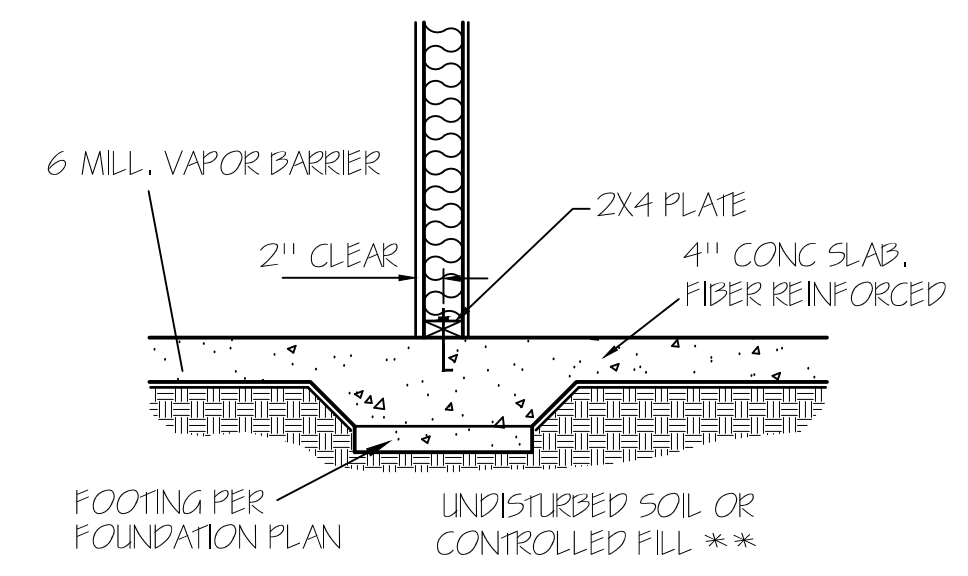
WALL ANCHOR OPTIONS
USE ANCHOR BOLTS
ANCHOR BOLTS: 1/2" DIA. BOLTS AT 6'-0" O.C.
AND NOT MORE THAN 12" FROM CORNERS, EMBEDDED
MIN. 7" INTO FOUNDATION. USE A MIN. OF 2 BOLTS
PER EACH STUD WALL



CONCRETE SLAB FLOOR — (A)



GARAGE WALL — (B)



LOAD BEARING WALL THICKENED SLAB — (C)

NOTE:
FOUNDATION DETAILS SHOWN ARE BASED ON
ASSUMED SOIL BEARING CAPACITY OF
2000 PSF. LOCAL SITE CONDITIONS MUST BE
INVESTIGATED. ALL FOOTING TO BE LOCATED
BELOW FROST DEPTH.

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

TM DESIGNS
RESIDENTIAL PLANS BY TINA MCFADDEN
(910) 354-4736 TMDDESIGNS2016@GMAIL.COM

WATERMARK HOMES
EXCLUSIVE RESIDENCE DESIGN FOR:
LOT: 83 SOUTH CREEK
NAME: BLUE ASH

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I HEREBY CERTIFY THAT THIS DRAWING MEETS LOCAL CODES, 2018 INTERNATIONAL BUILDING CODES.
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PLAN NUMBER
RG20-A06
OPTION #1

3	GARAGE	F	R
	DATE:	7/1/20	



ROOF & FLOOR TRUSSES & BEAMS

Reilly Road Industrial Park
Fayetteville, N.C. 28309
Phone: (910) 864-8787
Fax: (910) 864-4444

Bearing reactions less than or equal to 3000# are deemed to comply with the prescriptive Code requirements. The contractor shall refer to the attached Tables (derived from the prescriptive Code requirements) to determine the minimum foundation size and number of wood studs required to support reactions greater than 3000# but not greater than 15000#. A registered design professional shall be retained to design the support system for any reaction that exceeds those specified in the attached Tables. A registered design professional shall be retained to design the support system for all reactions that exceed 15000#.

Signature
David Landry

LOAD CHART FOR JACK STUDS

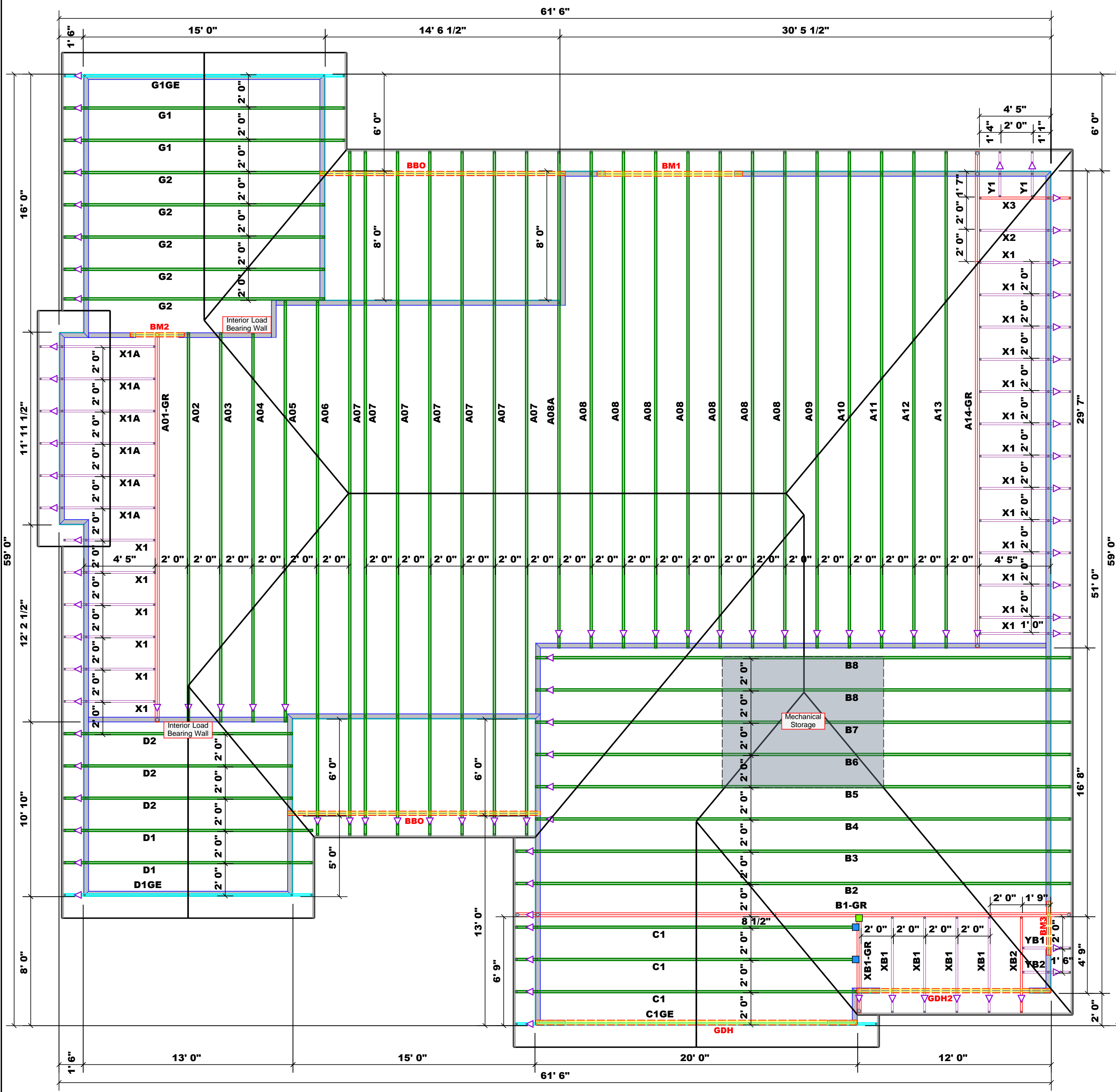
(BASED ON TABLES R502.5(1) & (b))
NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADER/GIRDER

END REACTION (UP TO)	REQ. STUDS FOR (1) 1" X 4" HEADER	END REACTION (UP TO)	REQ. STUDS FOR (1) 1" X 4" HEADER	END REACTION (UP TO)	REQ. STUDS FOR (1) 1" X 4" HEADER
1700	1	2550	1	3400	1
3400	2	5100	2	6800	2
5100	3	7650	3	10200	3
6800	4	10200	4	13600	4
8500	5	12750	5	17000	5
10200	6	15300	6		
11900	7				
13600	8				
15300	9				

COUNTY	ADDRESS	MODEL	DATE REV.	DRAWN BY	SALESMAN
Beaufort / Harnett	Lot 83 South Creek	Roof	03/22/23	David Landry	Anthony Williams

BUILDER	JOB NAME	PLAN	SEAL DATE	QUOTE #	JOB #
Watermark Homes	Lot 83 South Creek	Blue Ash	N/A		J0323-1298

THIS IS A TRUSS PLACEMENT DIAGRAM ONLY. These trusses are designed as individual building components to be incorporated into the building design at the specification of the building designer. See individual design sheets for each truss design identified on the placement drawing. 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 truss support structure including headers, beams, walls, and columns is the responsibility of the building designer. For general guidance regarding bracing, consult BCSI-B1 and BCSI-B3 provided with the truss delivery package or online @ sbciindustry.com



All Walls Shown Are Considered Load Bearing

Roof Area = 3636.32 sq.ft.
Ridge Line = 83.1 ft.
Hip Line = 100.23 ft.
Horiz. OH = 205.35 ft.
Raked OH = 81.8 ft.
Decking = 125 sheets

Connector Information				Nail Information	
Sym	Product	Manuf	Qty	Supported Member	Header / Truss
[Blue]	HUS26	USP	2	Varies	16d/3-1/2" / 16d/3-1/2"
[Green]	THD26-2	USP	1	Varies	16d/3-1/2" / 10d/3"

Products					
PlotID	Length	Product	Plies	Net Qty	
BM1	9' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2	
BM2	4' 0"	2x10 SPF No.2	2	2	
BM3	4' 0"	2x10 SPF No.2	2	2	
GDH	20' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	2	
GDH2	12' 0"	2x12 SPF No.1	2	2	

1 Truss Placement Plan
Scale: 1/4"=1'