



RESIDENCE FOR  
HALL  
HAMPTON HALL LOT 183  
17 CANTERBURY LANE  
BLUFFTON, SC 29910

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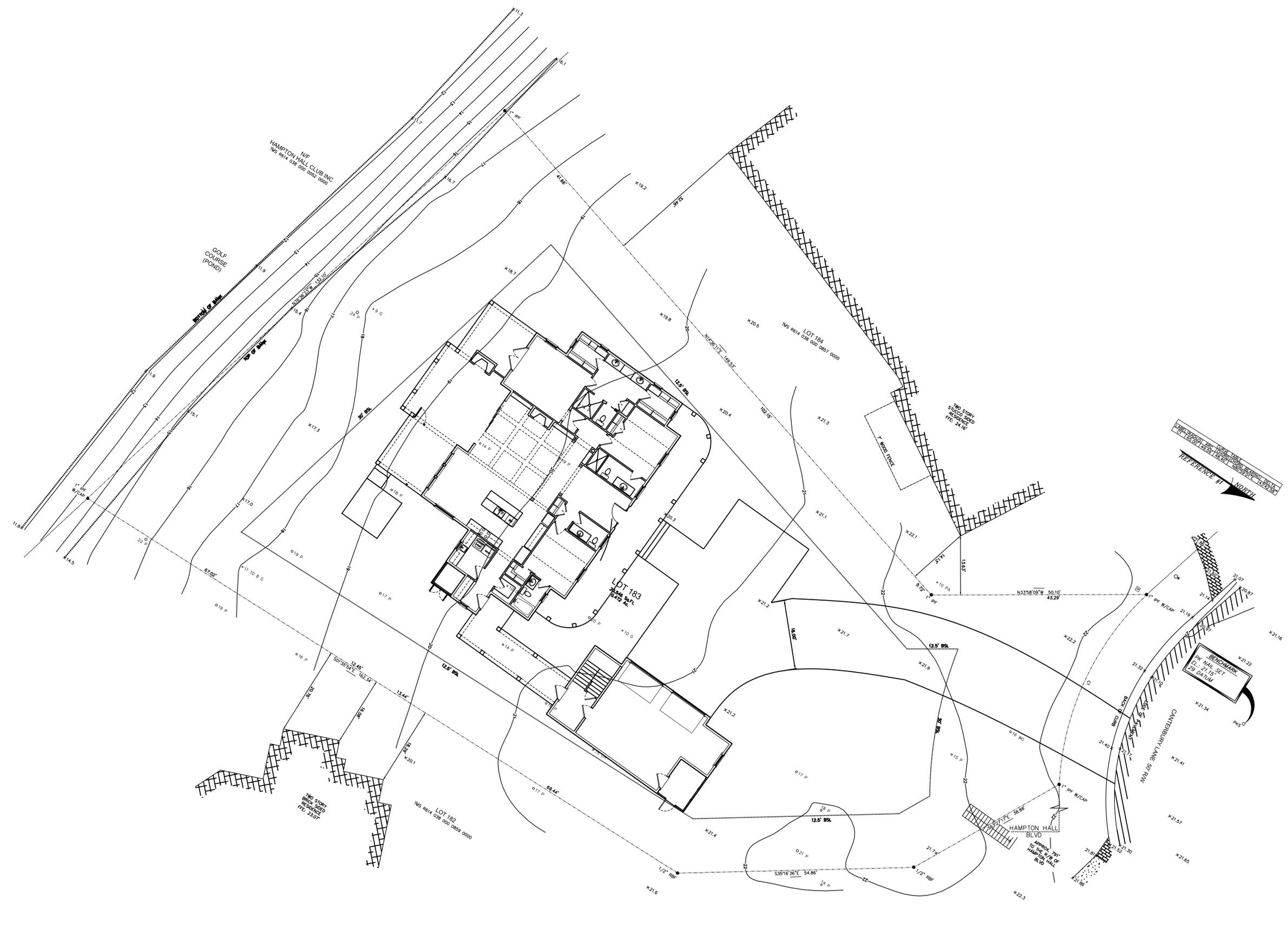
DATE: JANUARY 18, 2021  
REVISIONS:  
SEPTEMBER 3, 2020  
NOVEMBER 12, 2020

PROJECT NO: ---  
CAD DWG FILED SITE PLANNING  
DRAWN BY: --  
CHK'D BY: --

SITE PLAN

A0

SHEET -- OF --



1 SITE PLAN  
SCALE 3/32" = 1'-0"



MAY RIVER CUSTOM HOMES

RESIDENCE FOR  
HALL  
HAMPTON HALL LOT 183  
17 CANTERBURY LANE  
BLUFFTON, SC 29910

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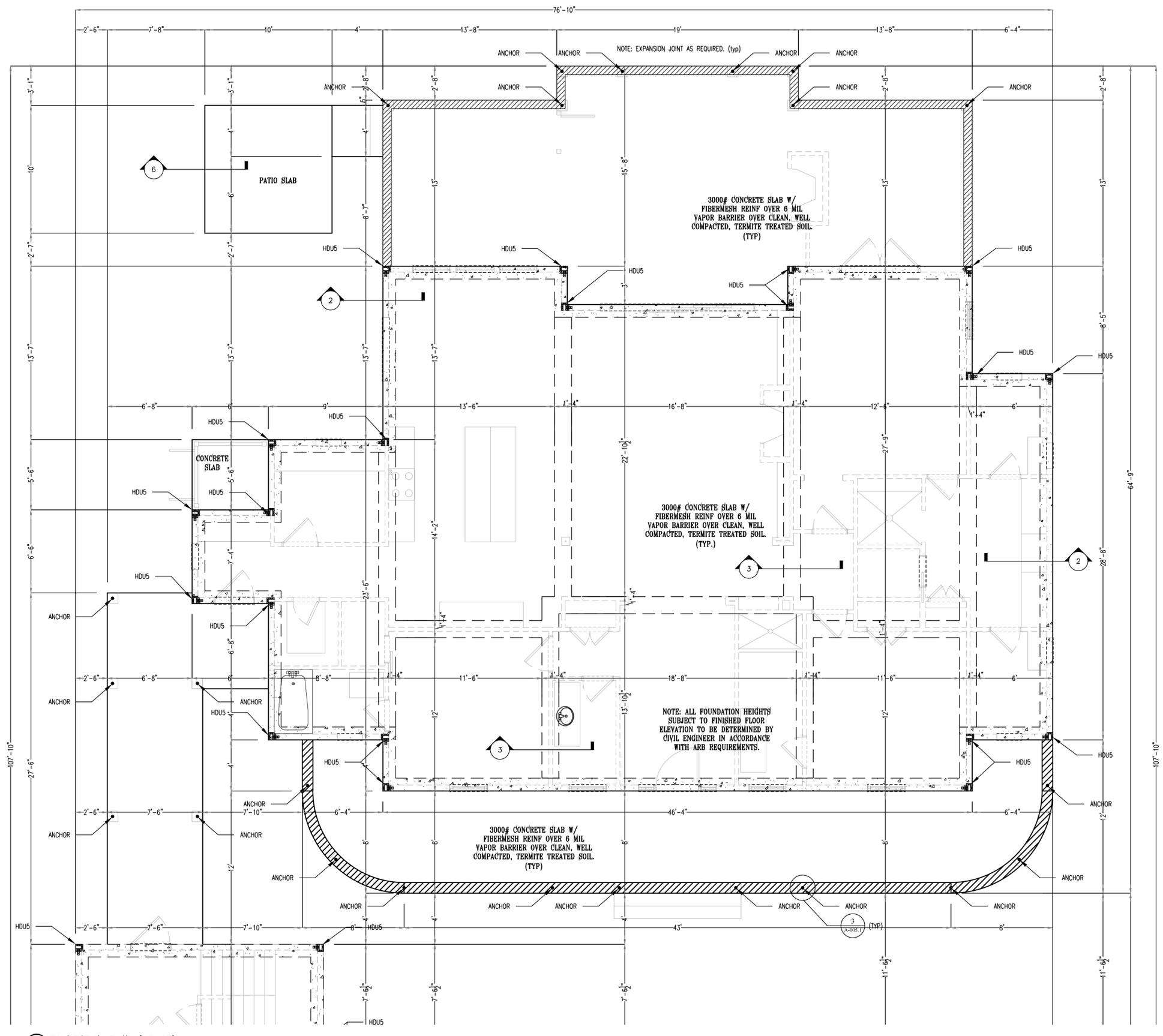
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DATE: JANUARY 18, 2021  
JULY 21, 2020  
SEPTEMBER 13, 2020  
NOVEMBER 12, 2020

PROJECT NO: ---  
CAD DWG FILE: 0 FOUNDATION PLAN.DWG  
DRAWN BY: --  
CHK'D BY: --

FOUNDATION PLAN

A1.0



1 FOUNDATION PLAN (HOUSE)  
Scale 1/4" = 1'-0"



MAY RIVER CUSTOM HOMES

RESIDENCE FOR  
HALL  
HAMPTON HALL LOT 183  
17 CANTERBURY LANE  
BLUFFTON, SC 29910

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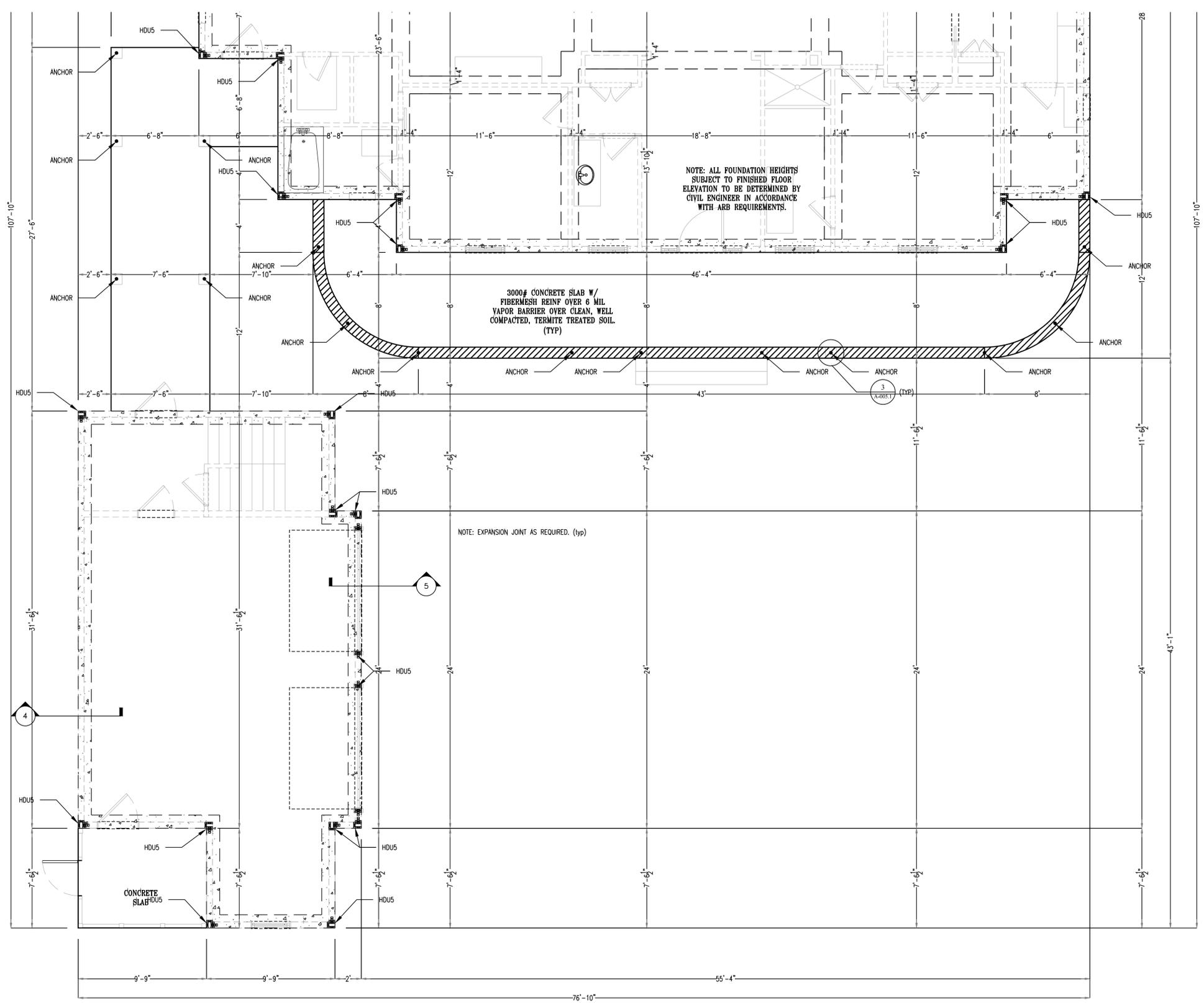
DATE JANUARY 18, 2021  
JULY 21, 2020  
SEPTEMBER 13, 2020  
NOVEMBER 12, 2020

PROJECT NO: ---  
CAD DWG FILE: FOUNDATION PLAN.DWG  
DRAWN BY: --  
CHK'D BY: --

FOUNDATION PLAN

A1.1

SHEET -- OF --



1 FOUNDATION PLAN (HOUSE)  
Scale 1/4" = 1'-0"



MAY RIVER CUSTOM HOMES

RESIDENCE FOR  
HALL  
HAMPTON HALL LOT 183  
17 CANTERBURY LANE  
BLUFFTON, SC 29910

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DATE JANUARY 18, 2021

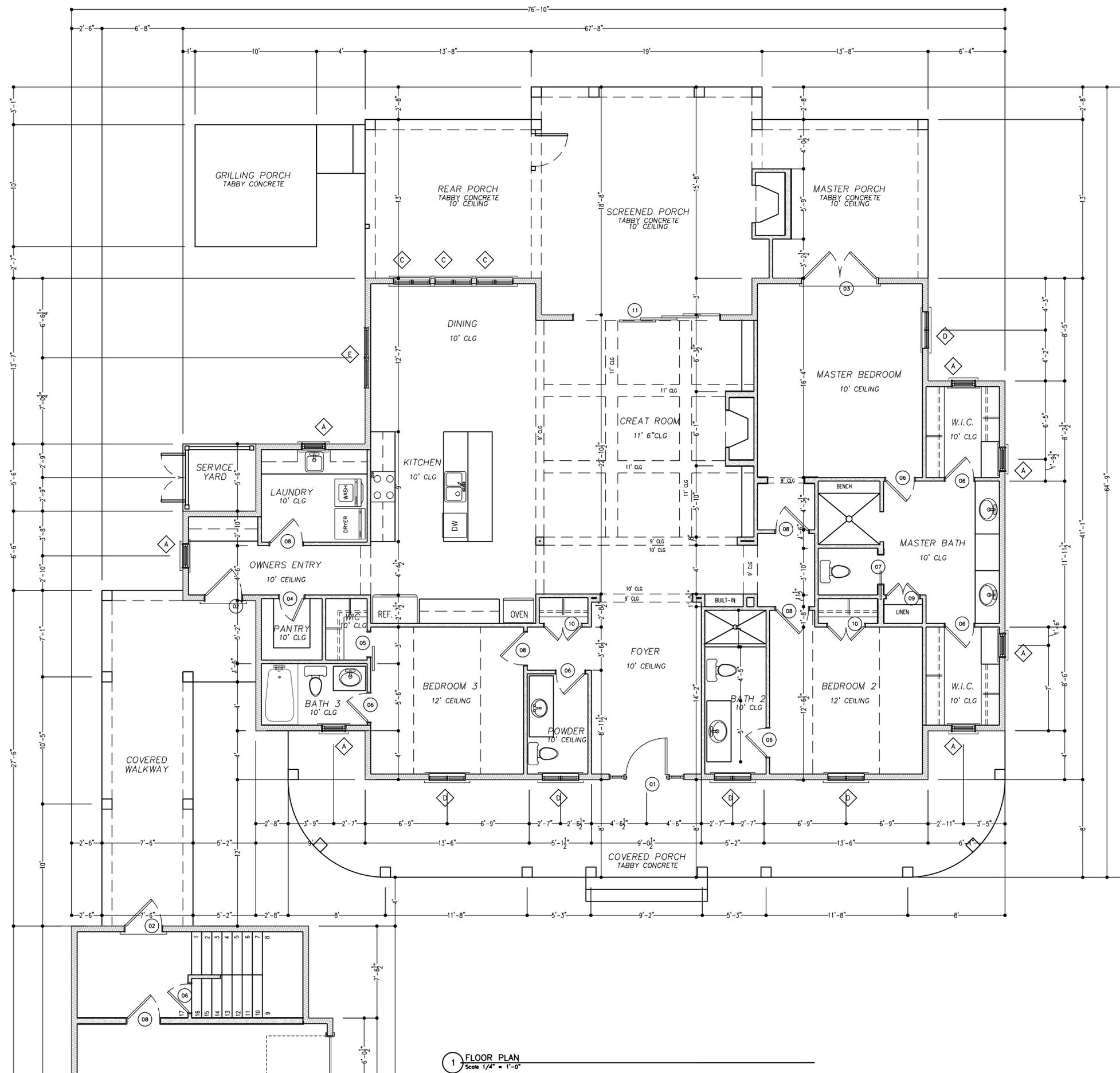
JULY 21, 2020  
SEPTEMBER 13, 2020  
NOVEMBER 12, 2020

PROJECT NO: ---  
CAD DWG FILE: 01ST LEVEL FLOOR PLAN.DWG  
DRAWN BY: --  
CHK'D BY: --

FLOOR PLAN

A2.0

SHEET -- OF --



HEATED 1ST FLOOR	2288.58 SF
GARAGE	736.59 SF
REAR PORCH	704.70 SF
FRONT PORCH	497.46 SF
BONUS ROOM	352.14 SF
COVERED WALKWAY	239.70 SF
<b>TOTAL</b>	<b>4819.18 SF</b>

1 FLOOR PLAN  
Scale 1/4" = 1'-0"



MAY RIVER CUSTOM HOMES

RESIDENCE FOR  
HALL  
HAMPTON HALL LOT 183  
17 CANTERBURY LANE  
BLUFFTON, SC 29910

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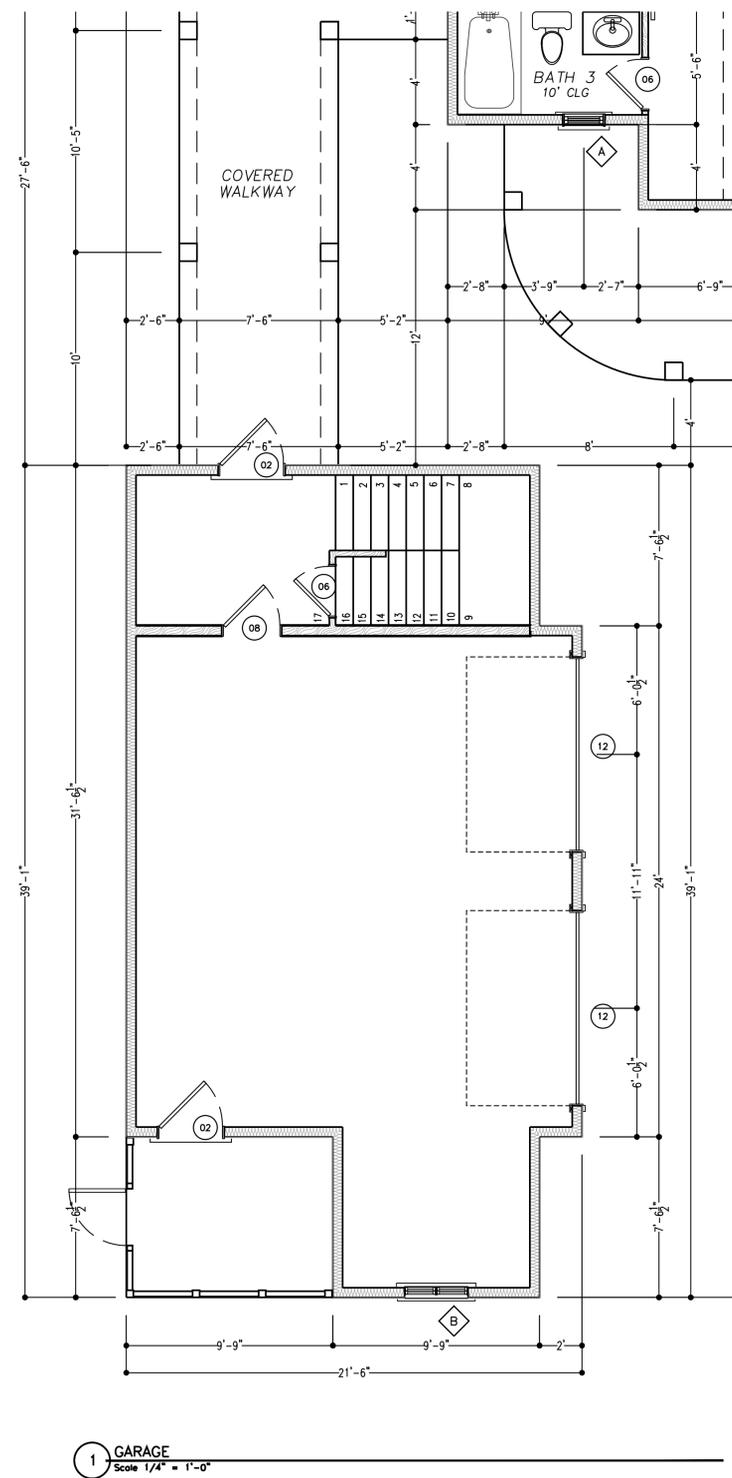
DATE: JANUARY 18, 2021  
JULY 21, 2020  
SEPTEMBER 13, 2020  
NOVEMBER 12, 2020

PROJECT NO: ---  
CAD DWG FILE: 1 2ND FLOOR PLAN.DWG  
DRAWN BY: --  
CHK'D BY: --

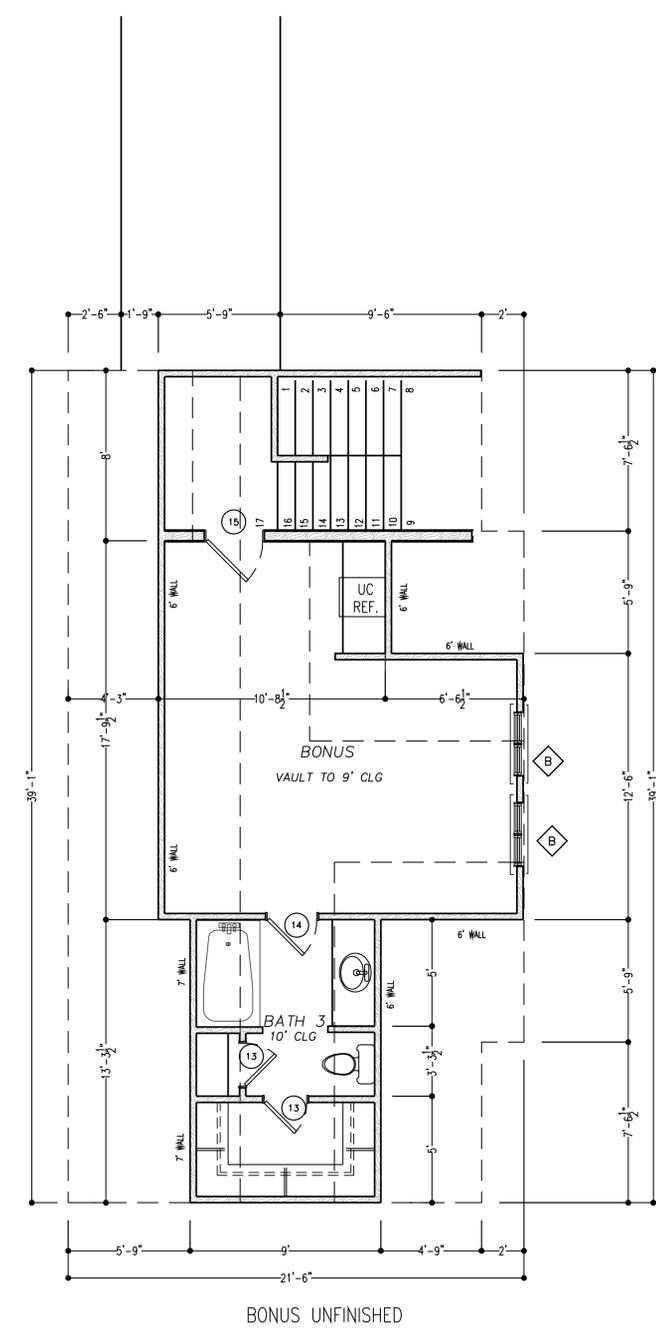
FLOOR PLAN  
**A2.1**  
SHEET -- OF --

Door Schedule										
MARK	Quantity	Width	Height	Swing	Direction	Style	Remarks	DP_RATING	SHGC	U-FACTOR
01	1	6'-0"	8'-0"	Right		EXTERIOR 1 6-3 0-1 6 x 80		N/A	N/A	N/A
02	3	3'-0"	8'-0"	Left		Hinged - Single - Exterior Panel		N/A	N/A	N/A
03	1	6'-0"	8'-0"	NA		Exterior - Hinged - Double - Full Lite		N/A	N/A	N/A
04	1	2'-0"	8'-0"	Left		Hinged - Single		N/A	N/A	N/A
05	1	2'-0"	8'-0"	NA		Barn Door		N/A	N/A	N/A
06	2	2'-4"	8'-0"	Right		Hinged - Single		N/A	N/A	N/A
06	5	2'-4"	8'-0"	Left		Hinged - Single		N/A	N/A	N/A
07	1	2'-4"	8'-0"	Right		Pocket - Single		N/A	N/A	N/A
08	2	2'-8"	8'-0"	Left		Hinged - Single		N/A	N/A	N/A
08	3	2'-8"	8'-0"	Right		Hinged - Single		N/A	N/A	N/A
09	1	2'-8"	8'-0"	NA		Hinged - Double		N/A	N/A	N/A
10	2	3'-0"	8'-0"	NA		Hinged - Double		N/A	N/A	N/A
11	1	12'-0"	8'-0"	NA		4 Door Stackable		N/A	N/A	N/A
12	2	9'-0"	7'-0"	NA		Garage - Carriage House - Stockton (@Panels_#, no_glass		N/A	N/A	N/A
13	2	2'-0"	6'-8"	Right		Hinged - Single		N/A	N/A	N/A
14	1	2'-4"	6'-8"	Right		Hinged - Single		N/A	N/A	N/A
15	1	2'-8"	6'-8"	Right		Hinged - Single		N/A	N/A	N/A

WINDOW SCHEDULE									
Quantity	Mark	Type	SIZE		NOTES	DP_Rating	U-FACTOR	SHGC	
			WIDTH	HEIGHT					
7	A	DOUBLE HUNG	2'-0"	3'-0"	--	IMPACT GLASS	.36	.30	
3	B	DOUBLE HUNG	3'-0"	5'-4"	--	IMPACT GLASS	.36	.30	
3	C	FIXED WITH TRANSOM	3'-0"	6'-0"	--	IMPACT GLASS	.36	.30	
5	D	DOUBLE HUNG	3'-0"	6'-0"	--	IMPACT GLASS	.36	.30	
1	E	DOUBLE HUNG	6'-0"	2'-0"	--	IMPACT GLASS	.36	.30	
2	F	FIXED (DOMERS)	2'-0"	3'-0"	--	IMPACT GLASS	.36	.30	



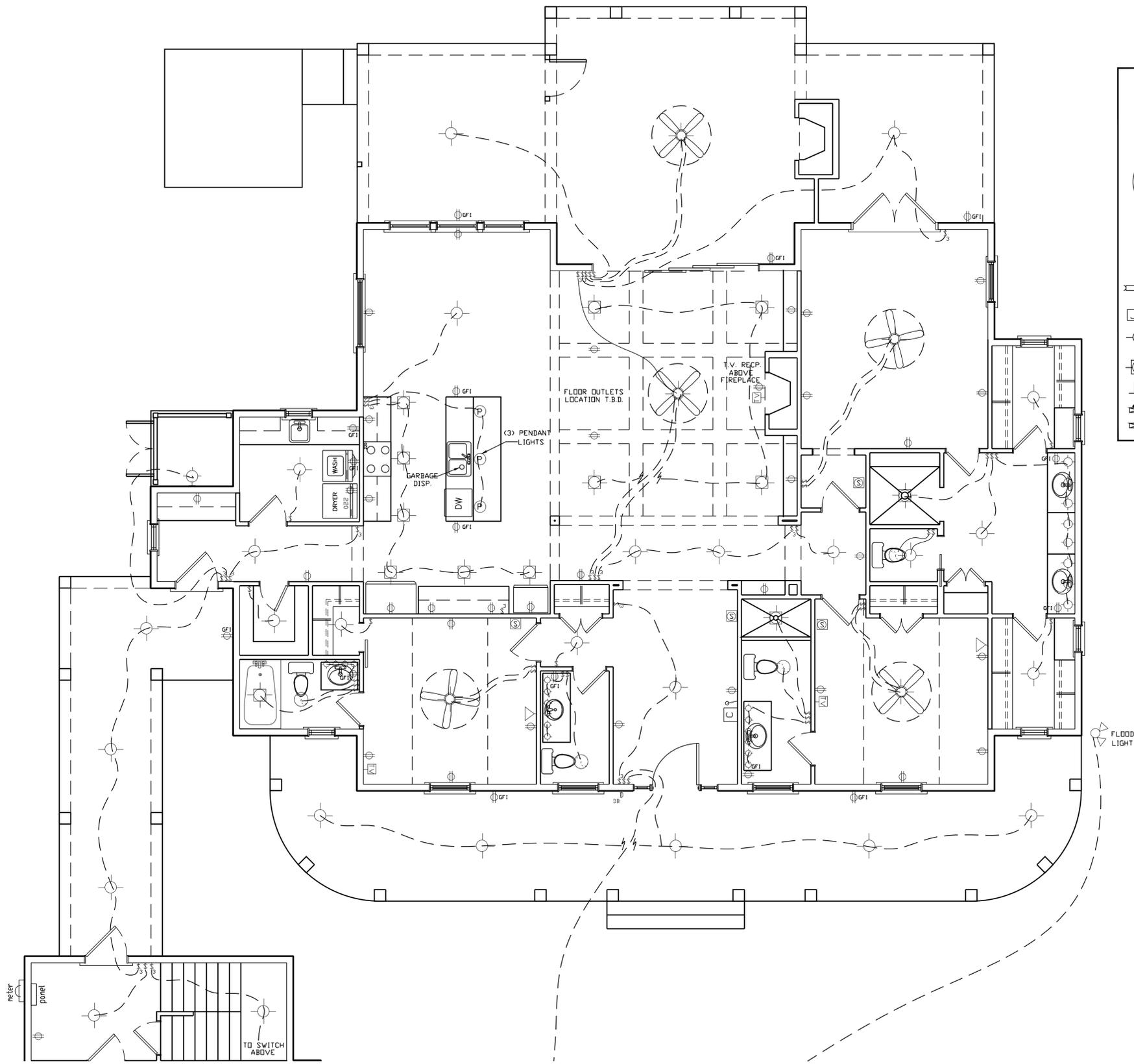
1 GARAGE  
Scale 1/4" = 1'-0"



1 BONUS ABOVE GARAGE  
Scale 1/4" = 1'-0"

KUYA

Friday, March 29, 2024 8:06:12 AM



	Cable Television Outlet		Floodlight
	Electric Meter		220 Outlet
	Electric Panel		Duplex Outlet
	52" Ceiling Fan		Floor Mounted Duplex Outlet
	Exhaust Fan & Light		Ground Fault Interrupt Duplex
	Exhaust Fan		Smoke Detector
	Flourescent Fixture		Light Track
	Junction Box		Split switched Duplex
	Light, Ceiling Mounted		Switch
	Ressed Fixture		Three way switch
	Hose Bib (Water)		Telephone
	Intercom master		HEAT LIGHT
	Intercom Speaker		Chime
			Security Alarm
			Speaker

1 1ST FLOOR ELECTRICAL PLAN  
1/4" = 1'-0"

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MAY RIVER CUSTOM HOMES

RESIDENCE FOR  
HALL  
HAMPTON HALL LOT 183  
17 CANTERBURY LANE  
BLUFFTON, SC 29910

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DATE	JANUARY 18, 2021
JULY 21, 2020	SEPTEMBER 13, 2020
NOVEMBER 12, 2020	
PROJECT NO:	19221
CAD DWG FILE:	AE2.0 ELECTRICAL.DWG
DRAWN BY:	_
CHK'D BY:	_
ELECTRICAL PLAN	
AE2.0	
SHEET	OF



MAY RIVER CUSTOM HOMES

RESIDENCE FOR  
HALL  
HAMPTON HALL LOT 183  
17 CANTERBURY LANE  
BLUFFTON, SC 29910

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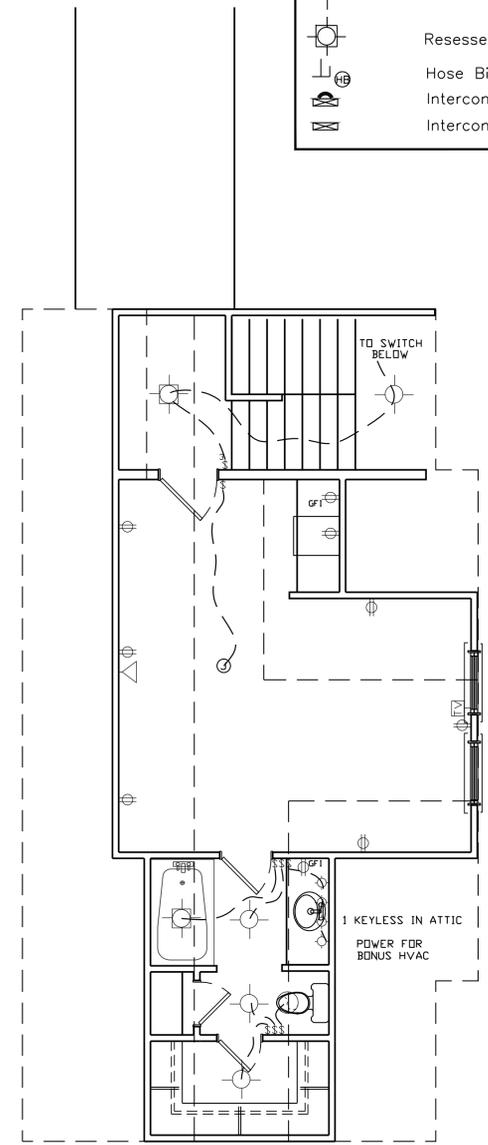
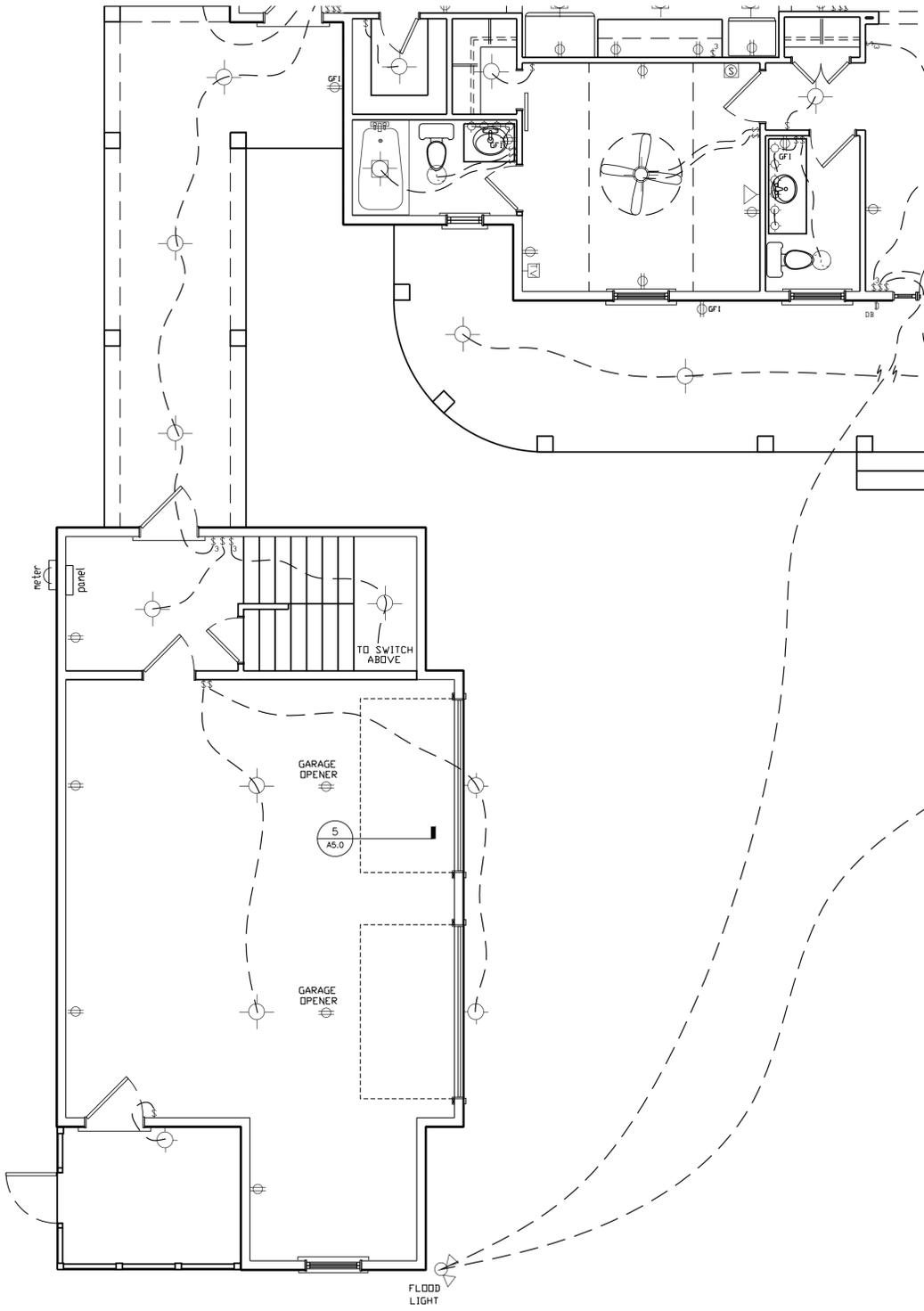
DATE JANUARY 18, 2021  
JULY 21, 2020  
SEPTEMBER 13, 2020  
NOVEMBER 12, 2020

PROJECT NO: ---  
CAD DWG FILE: 2.1 ELECTRICAL.DWG  
DRAWN BY: ---  
CHK'D BY: ---

ELECTRICAL PLAN

A2.1

	Cable Television Outlet		Floodlight
	Electric Meter		220 Outlet
	Electric Panel		Duplex Outlet
	52" Ceiling Fan		Floor Mounted Duplex Outlet
	Exhaust Fan & Light		Ground Fault Interrupt Duplex
	Exhaust Fan		Smoke Detector
	Flourescent Fixture		Light Track
	Junction Box		Split switched Duplex
	Light, Ceiling Mounted		Switch
	Ressed Fixture		Three way switch
	Hose Bib (Water)		Telephone
	Intercom master		HEAT LIGHT
	Intercom Speaker		Chime
			Security Alarm
			Speaker



KUYA

Friday, March 29, 2024 8:06:17 AM



MAY RIVER CUSTOM HOMES

RESIDENCE FOR  
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17 CANTERBURY LANE  
BLUFFTON, SC 29910

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DATE JANUARY 18, 2021

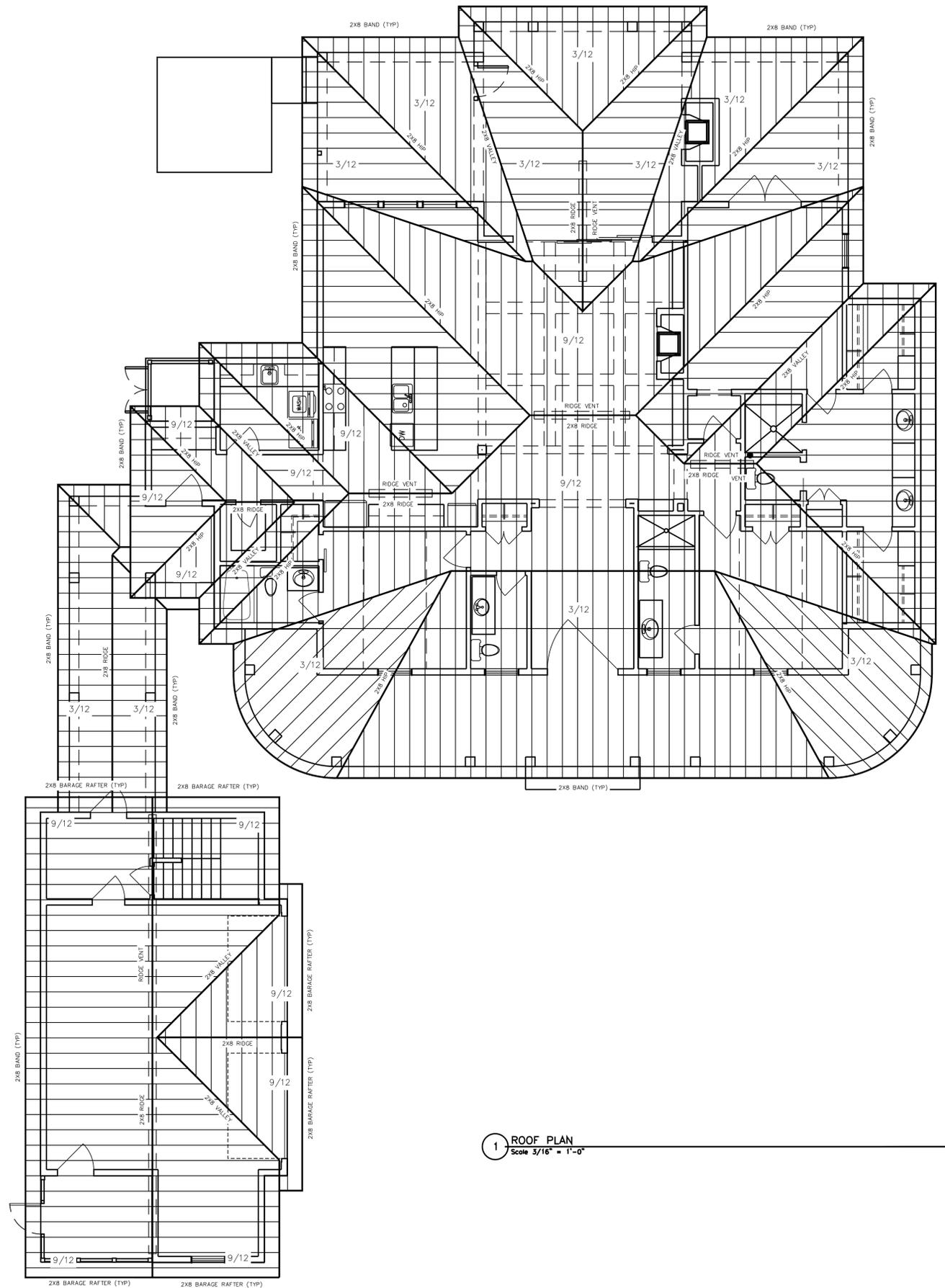
JULY 21, 2020  
SEPTEMBER 13, 2020  
NOVEMBER 12, 2020

PROJECT NO: ---  
CAD DWG FILE: 0 ROOF PLAN.DWG  
DRAWN BY: --  
CHK'D BY: --

ROOF PLAN

A3.0

SHEET -- OF --



1 ROOF PLAN  
Scale 3/16" = 1'-0"



MAY RIVER CUSTOM HOMES

RESIDENCE FOR  
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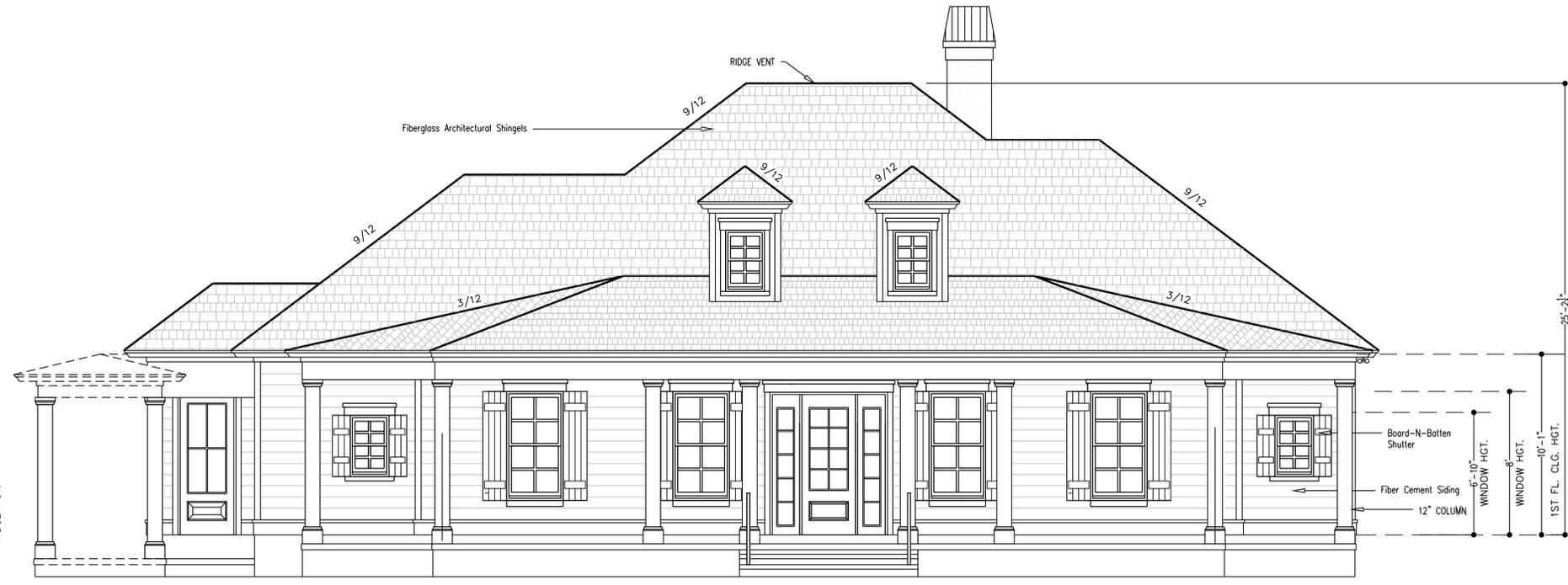
DATE: JANUARY 18, 2021  
JULY 21, 2020  
SEPTEMBER 13, 2020  
NOVEMBER 12, 2020

PROJECT NO: ---  
CAD DWG FILE: A4.0 ELEVATIONS.DWG  
DRAWN BY: --  
CHK'D BY: --

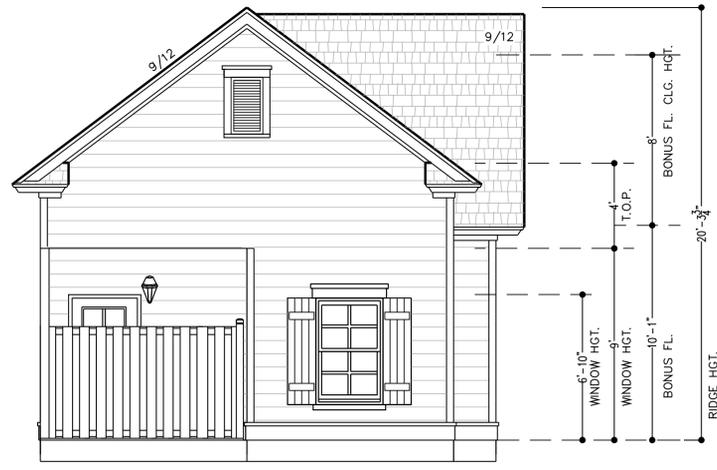
ELEVATIONS

A4.0

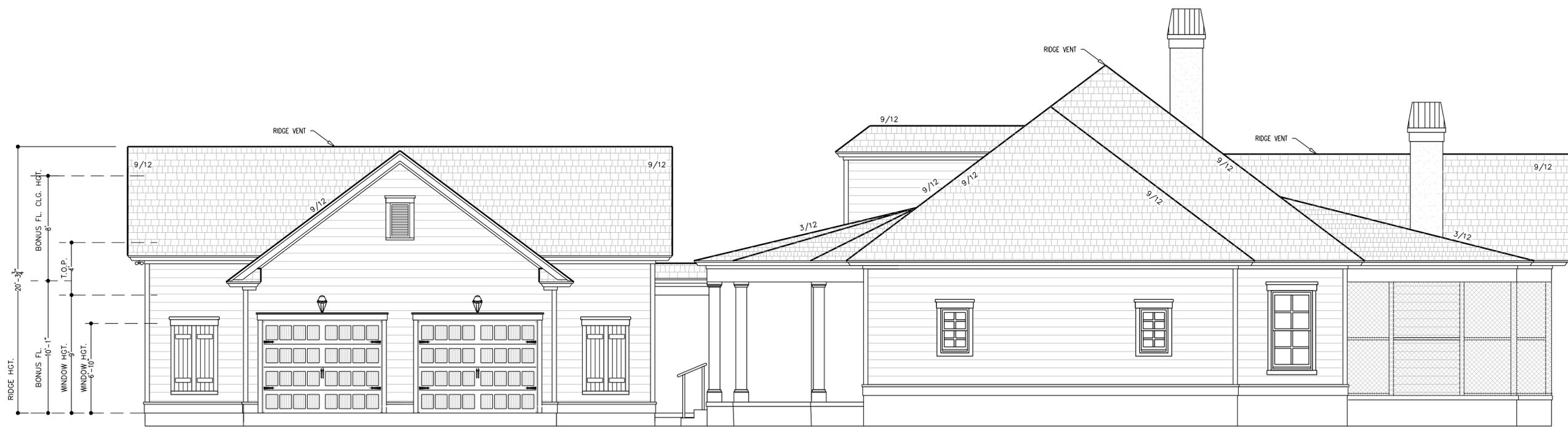
SHEET -- OF --



1 Front Elevation  
Scale 1/4" = 1'-0"



1 Garage Front Elevation  
Scale 1/4" = 1'-0"



2 Back Elevation  
Scale 1/4" = 1'-0"



MAY RIVER CUSTOM HOMES

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17 CANTERBURY LANE  
BLUFFTON, SC 29910

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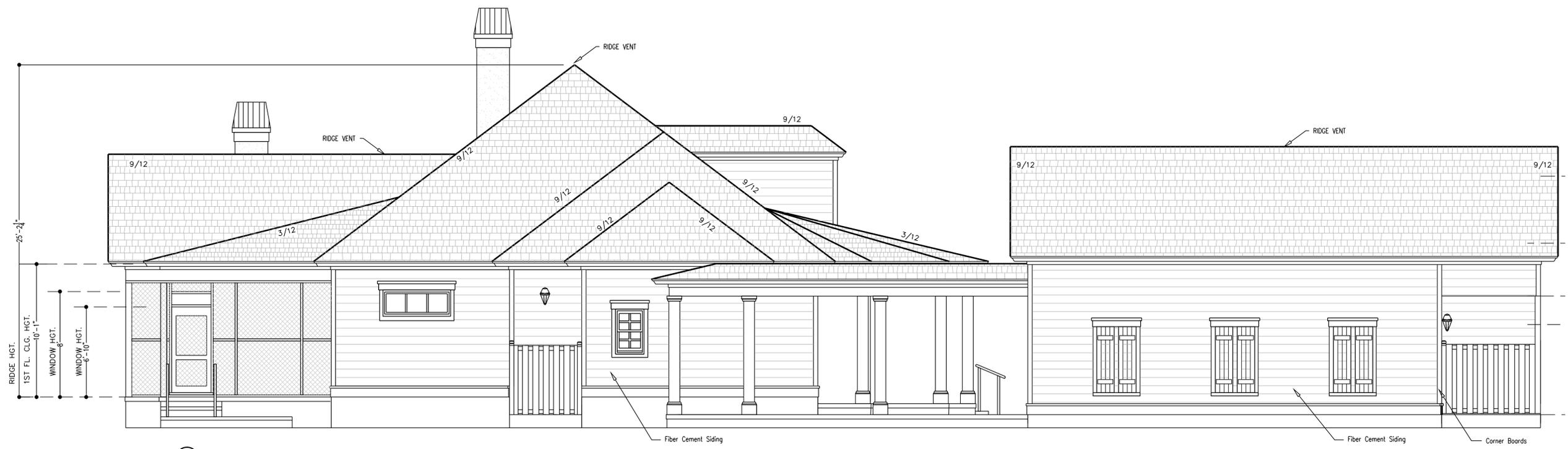
DATE: JANUARY 18, 2021  
JULY 21, 2020  
SEPTEMBER 13, 2020  
NOVEMBER 12, 2020

PROJECT NO: ---  
CAD DWG FILE: 1 ELEVATIONS.DWG  
DRAWN BY: --  
CHK'D BY: --

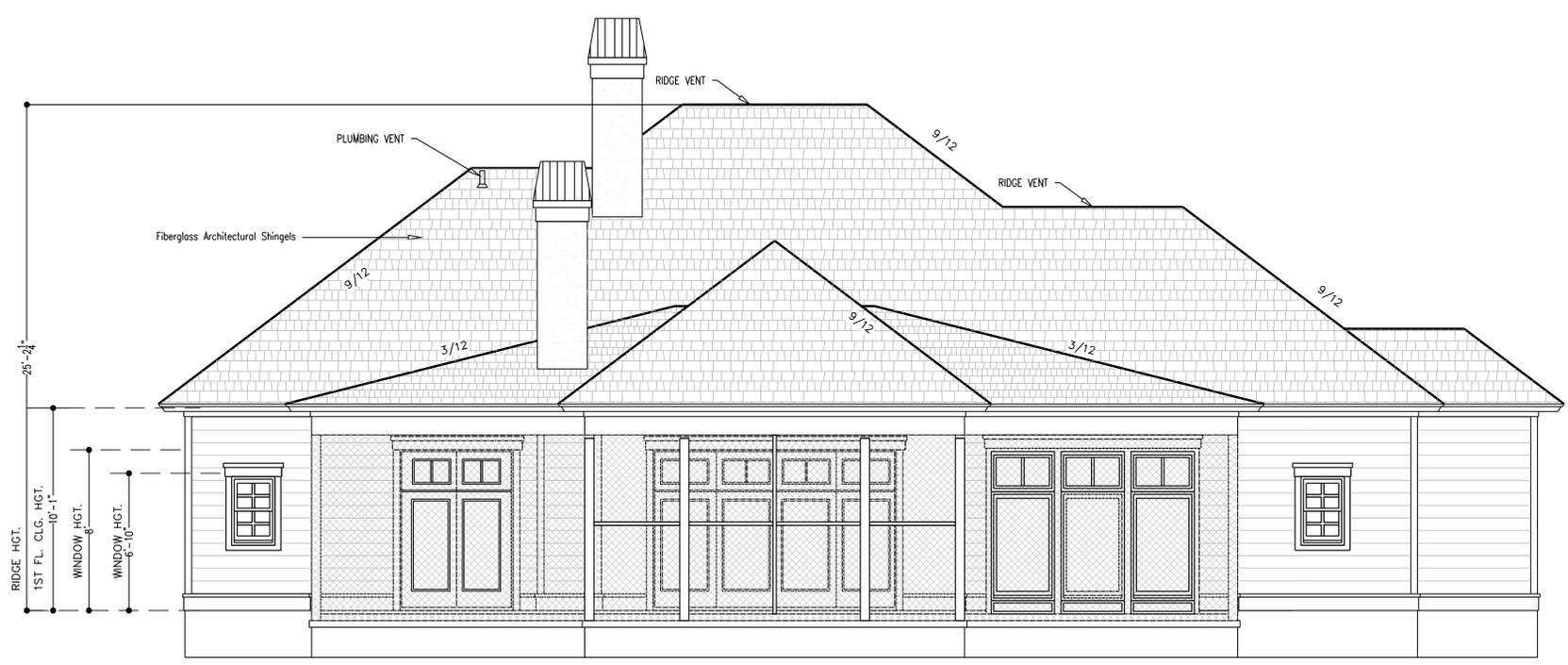
ELEVATIONS

A4.1

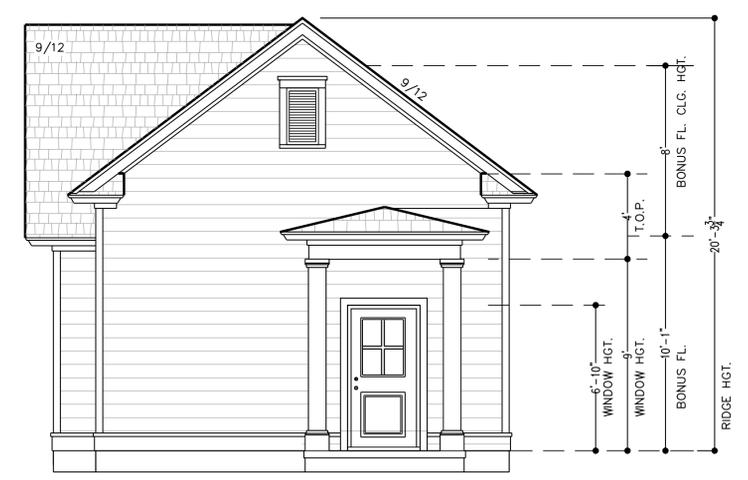
SHEET -- OF --



1 Left Elevation  
Scale 1/4" = 1'-0"



2 Back Elevation  
Scale 1/4" = 1'-0"



2 Garage Back Elevation  
Scale 1/4" = 1'-0"



MAY RIVER CUSTOM HOMES

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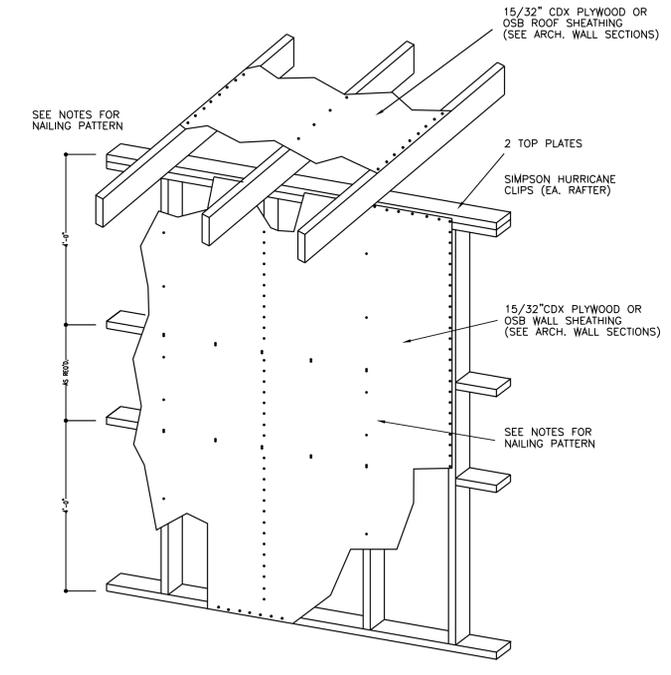
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DATE: JANUARY 18, 2021  
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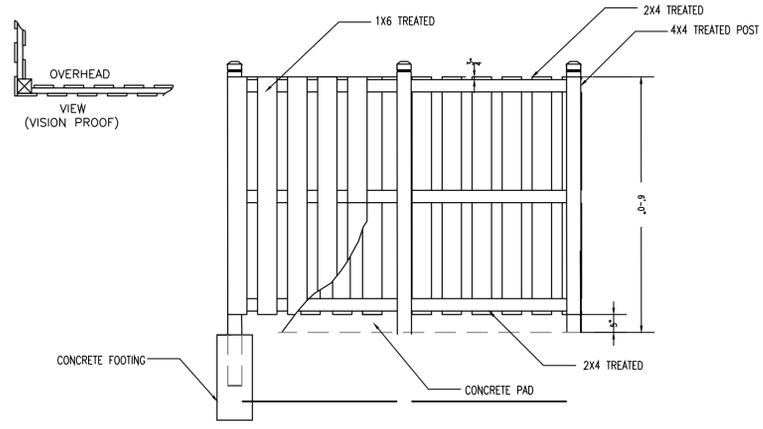
PROJECT NO: ---  
CAD DWG FILE: .DWG  
DRAWN BY: ---  
CHK'D BY: ---

DETAILS  
A5.0

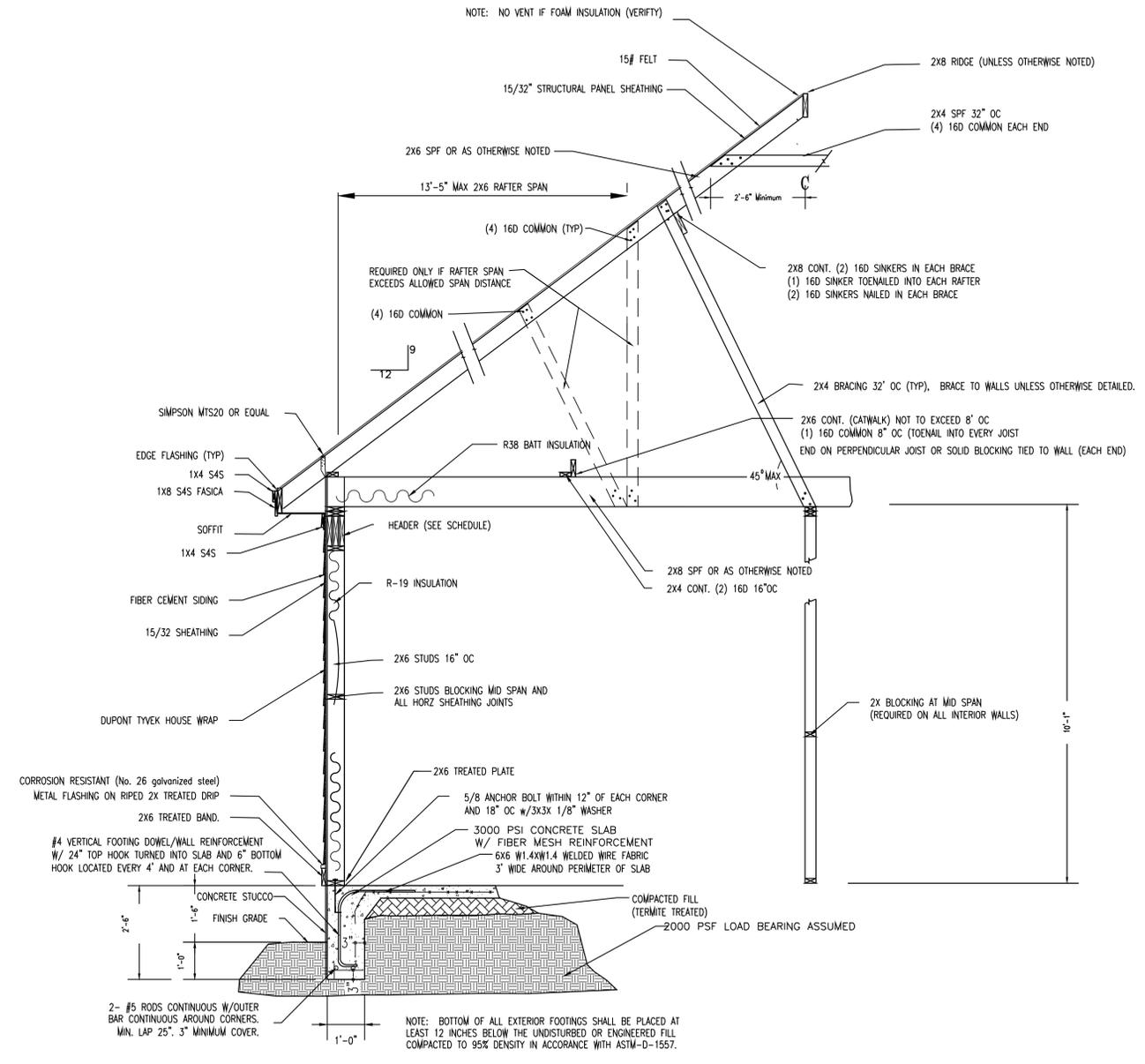
SHEET -- OF --



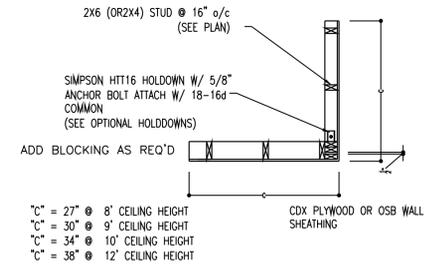
3 SHEATHING NAILING PATTERN (TYPICAL)  
NOT TO SCALE



3 SERVICE FENCE DETAIL  
NOT TO SCALE



1 TYPICAL DETAIL  
SCALE 1/2\"/>



2 SHEARWALL REQUIREMENTS  
NOT TO SCALE

Note: "C" is the minimum required distance requiring sheathing for shear wall effect. If requirements are not met use shear resisting rigid frame detail 1-A-005.1



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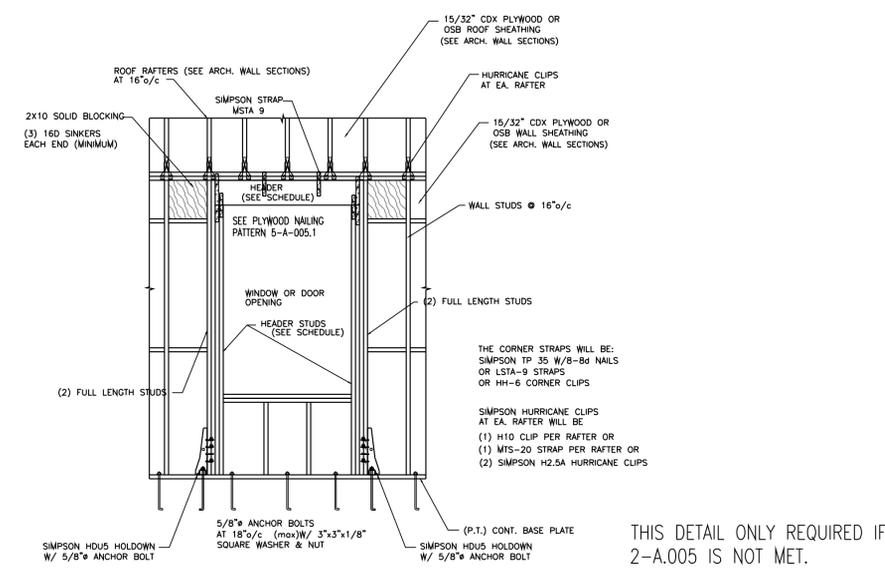
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DATE: JANUARY 18, 2021  
JULY 21, 2020  
SEPTEMBER 13, 2020  
NOVEMBER 12, 2020

PROJECT NO: ---  
CAD DWG FILE: 1 DETAILS.DWG  
DRAWN BY: --  
CHK'D BY: --

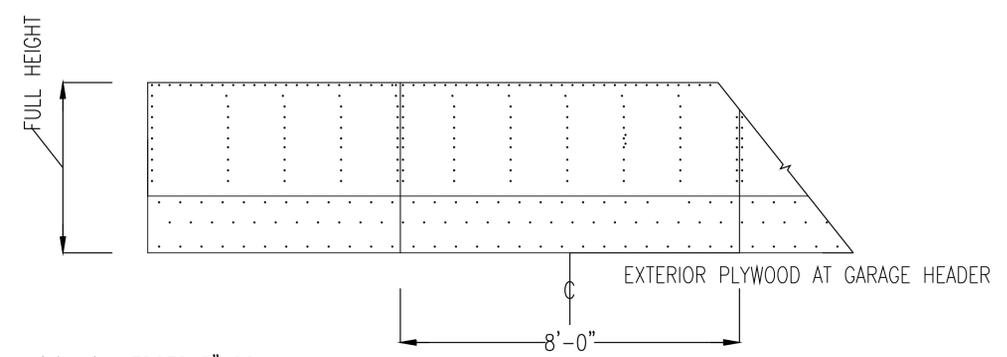
DETAILS  
A5.1

SHEET -- OF --

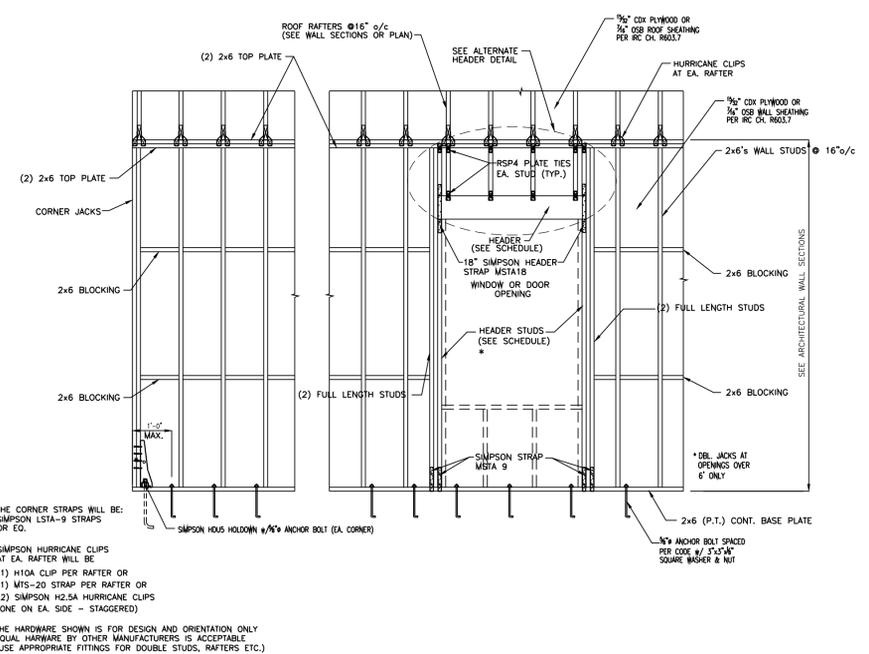
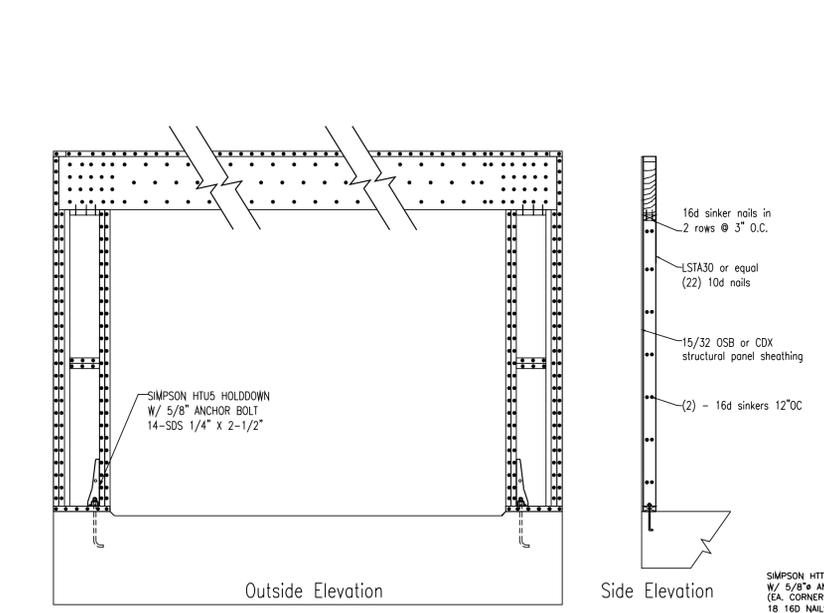


THIS DETAIL ONLY REQUIRED IF 2-A.005 IS NOT MET.

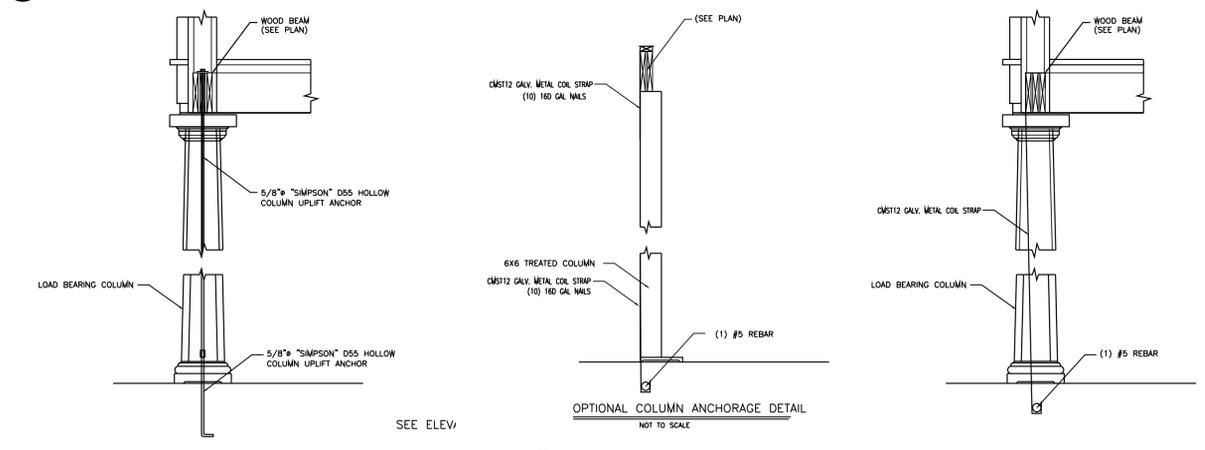
1 TYPICAL WOOD FRAMED SHEAR RESISTING RIGID FRAME  
NOT TO SCALE



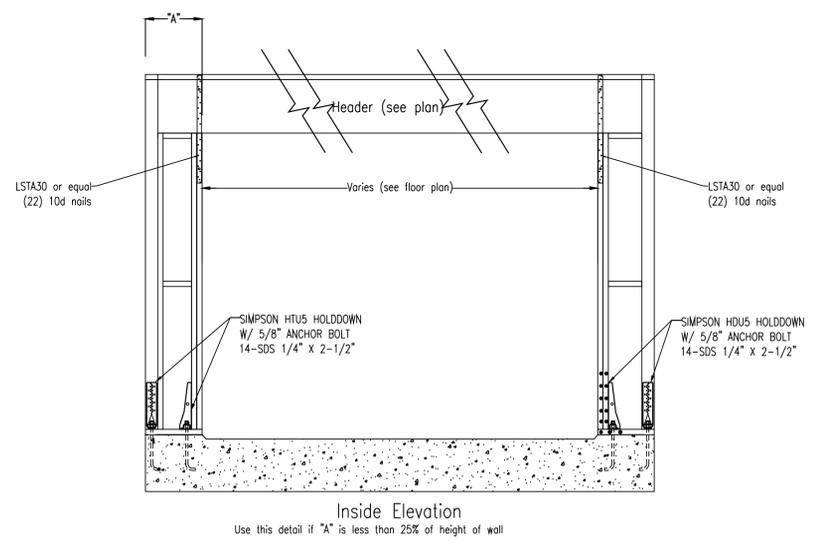
NAIL ALL EDGES 3" OC.  
NAIL INTERIOR 6" OC W/8D COMMON SINKERS.  
CENTER FIRST SHEET OF PLYWOOD ON BEAM



2 TYPICAL EXTERIOR 2X6 WALL ASSEMBLY  
NOT TO SCALE



3 COLUMN ANCHORAGE DETAIL  
NOT TO SCALE



4 Garage Door Detail  
1/2" = 1'-0"

GENERAL CONSTRUCTION NOTES:

- ALL WORK SHALL MEET THE PROVISIONS OF THE 2006 EDITION OF THE INTERNATIONAL RESIDENTIAL CODE FOR ONE AND TWO FAMILY DWELLINGS AND THE STANDARD FOR HURRICAN RESISTANT RESIDENTIAL CONSTRUCTION (SSTD 10/99)
- PROVIDE ANCHOR BOLTS @ SIZE AND SPACING NOTED WITHIN 12" OF EACH CORNER PLAN AND WITHIN 12" OF THE END OF EACH SILL PLATE SEGMENT.
- ALL EXTERIOR WALLS SHALL BE CONSTRUCTED AS SHEAR WALLS WITH FASTENERS CONFORMING TO SSTD 305.4.3, SSTD 305.7 AND SSTD FIGURE 305M2. PROVIDE 1/2" O.S.B. SHEATHING FASTENED TO RESIST BOTH SHEAR AND UPLIFT AN NOTED IN SSTD TABLE 305N1.
- ALL EXTERIOR WINDOWS AND DOORS ARE TO RESIST PRESSURES TO 100 MPH AND BE PROTECTED FROM WINDBOURNE DEBRIS PER SSTD 604.
- REINFORCING STEEL GRADE 40. ASTM A615
- BRACED WALL PANELS WILL BEGIN WITHIN 12'6" OF THE END OF BRACED WALL LINE PER IRC (2000), SECTION R602.10.1.
- PER TABLE R602.10.5 OF THE IRC (2006), BRACED WALL PANELS ADJACENT TO GARAGE DOOR OPENINGS FOR FULL-HGT SHEATHED WALL SEGMENTS SHALL HAVE A 4:1 ASPECT RATIO. FOR A STANDARD 7'0" HGT. DOOR, THE MINIMUM ADJACENT WALL LENGTH IS 1'-9".
- CONTRACTOR TO HAVE FRAMING SYSTEM DESIGNED BY OTHERS AND REVIEWED BY STRUCTURAL ENGINEER PRIOR TO ORDER AND INSULATION.

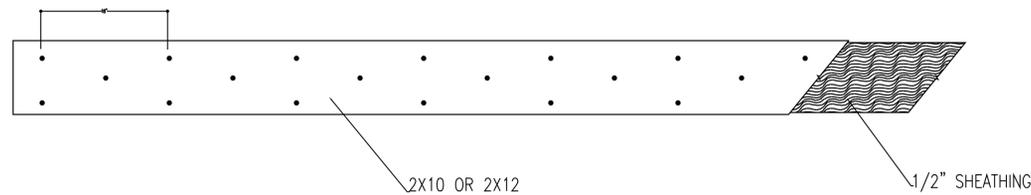
		MAXIMUM HEADER SPAN (FT.)			
		3 ft.	6 ft.	9 ft.	12 ft.
		NUMBER OF HEADER STUDS SUPPORTING EACH END OF THE HEADER			
		1	1	2	2
10' FEET OR LESS	STUD SPACING	NUMBER OF FULL LENGTH STUDS AT EACH END OF THE HEADER			
UNSUPPORTED WALL HEIGHT	16" o/c	2	2	3	3
GREATER THEN 10 FEET	16" o/c	2	2	3	3

DOOR AND WINDOW HEADER SCHEDULE: (WALLS 2X6'S @16" O.C.)

- (3) 2X8'S w/ (1/2) PLYWOOD FILLERS FOR UP TO 4'-0" OPENINGS
- (3) 2X10'S w/ (1/2) PLYWOOD FILLERS FOR UP TO 8'-0" OPENINGS
- (3) 2X12'S w/ (1/2) PLYWOOD FILLERS FOR UP TO 10'-0" OPENINGS

DOOR AND WINDOW HEADER SCHEDULE: (WALLS 2X4'S @16" O.C.)

- (2) 2X10'S UP TO 5'-0" OPENINGS
- (2) 2X10'S w/ (1/2) PLYWOOD FILLERS FOR UP TO 9'-0" OPENINGS (SEE NAILING PATTERN)
- (2) 2X12'S w/ (1/2) PLYWOOD FILLERS FOR UP TO 10'-0" OPENINGS



HEADER AND BEAM NAIL PATTERN

DESIGN CRITERIA

2006 INTERNATIONAL BUILDING CODE

- FLOOR DEAD LOADS:
  - PARTITIONS: 20 PSF
  - FIXED EQUIPMENT: ACTUAL WEIGHT
  - FINISHES: ACTUAL WEIGHT
- FLOOR LIVE LOADS:
  - LIVING ROOMS: 40 PSF
  - SLEEPING ROOMS: 30 PSF
  - ATTIC W/ STORAGE: 20 PSF
  - ATTIC W/O STORAGE: 10 PSF
  - DECKS: 40 PSF
  - BALCONIES: 60 PSF
  - GUARDRAILS & HANDRAILS: 200#
- ROOF DEAD LOAD:
  - ROOFING: 2.0 PSF
  - DECKING: 2.0 PSF
  - INSULATION: 6.0 PSF
  - HANGING & MISC.: 9.0 PSF
  - FRAMING: 5.0 PSF
  - CEILING: 5.0 PSF
  - FIXED EQUIPMENT: ACTUAL WEIGHT
- ROOF LIVE LOADS:
  - TRIBUTARY AREA:
    - 0 TO 200 SF: LIVE LOAD: 20 PSF
    - 201 TO 600 SF:  $L_r = 20 \times R_t$   
 $R_t = 1.2 - 0.001 A_t$   
(400 SF 16 PSF)
    - OVER 600 SF: 12 PSF
- WIND LOAD:
  - 3 SECOND GUST WIND SPEED  $V_{3s} = 130$  MPH (FIG. 1609)
  - EQUIVALENT BASIC WIND SPEED  $V_{fm} = 110$  MPH (TAB. 1609.3.1)
  - ROOF NET UPLIFT = 20 PSF
- SEISMIC CRITERIA: (2006 IBC - SECT. 1615)
  - SITE CLASSIFICATION: SITE CLASS "D"
  - AVERAGE "N" VALUES: BETWEEN 15 TO 50
  - SPECTRAL RESPONSE ACCELERATION:  $S_s = 1.0, S_1 = 0.3$
  - SITE COEFFICIENT VALUES:  $F_a = 1.1, F_v = 1.8$
- LOAD COMBINATIONS:
  - DL + LL: 100% BASIC STRESS
  - DL + WL: 133% BASIC STRESS
  - DL + LL + WL: 133% BASIC STRESS

WINDOW AND DOOR DESIGN PRESSURE RATINGS PER 2006 INTERNATIONAL BUILDING CODE

DESIGN PRESSURE VALUES LISTED IN THE TABLE ARE IN POUNDS PER SQUARE FOOT (PSF)

MEAN ROOF HEIGHT (MRH)	INLAND LOCATION (EXPOSURE "B")	
	ZONE (4)	ZONE (5)
15'	DP 35	DP 45
20'	DP 35	DP 45
25'	DP 35	DP 45
30'	DP 35	DP 45
35'	DP 35	DP 45
40'	DP 40	DP 45
45'	DP 40	DP 50
50'	DP 40	DP 50

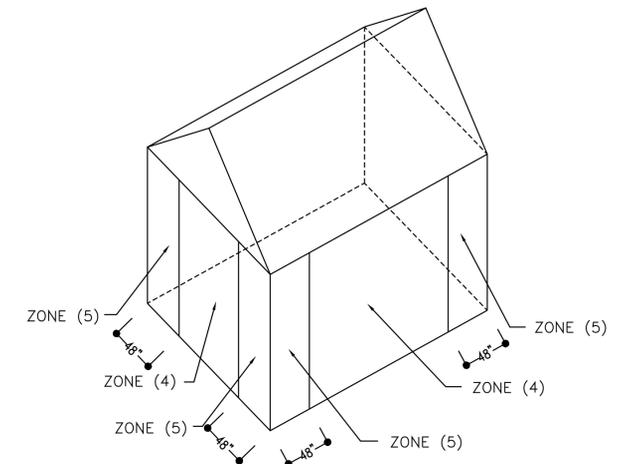
MEAN ROOF HEIGHT (MRH)	OCEAN/MARSH LOCATION (EXPOSURE "C")	
	ZONE (4)	ZONE (5)
15'	DP 40	DP 50
20'	DP 45	DP 55
25'	DP 45	DP 55
30'	DP 50	DP 60
35'	DP 50	DP 60
40'	DP 50	DP 65
45'	DP 55	DP 65
50'	DP 55	DP 65

CEILING JOIST SPAN TABLES (16" OC)				
	2X6	2X8	2X10	2X12
SYP	13'-6"	17'-5"	20'-9"	24'-0"
SPF	12'-10"	16'-3"	19'-10"	22'-4"

ROOF RAFTERS SPAN TABLES (16" OC) (JOIST AT BOTTOM OF RAFTER)				
	2X6	2X8	2X10	2X12
SYP	14'-1"	18'-6"	23'-2"	24'-0"
SPF	12'-10"	16'-3"	22'-3"	24'-0"

Rafter spans are maximum. Brace line locations are marked on roof overlay.



WIND PRESSURE ZONE DIAGRAM NOT TO SCALE



MAY RIVER CUSTOM HOMES

RESIDENCE FOR  
HALL  
HAMPTON HALL LOT 183  
17 CANTERBURY LANE  
BLUFFTON, SC 29910

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DATE: JANUARY 18, 2021

JULY 21, 2020  
SEPTEMBER 13, 2020  
NOVEMBER 12, 2020

PROJECT NO: ---  
CAD DWG FILE: 2 DETAILS.DWG  
DRAWN BY: --  
CHK'D BY: --

DETAILS

A5.2

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